SANBORN HEAD

Voluntary Review of Remediation Performance, 2014-2025

IBM GUN CLUB- FORMER BURN PIT AREA
#C704044
Union, New York

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Sanborn, Head Engineering & Geology, P.C.

SANBORN HEAD

NYS Professional Engineer Certification
Voluntary Review of Remediation Performance, 2014-2025
Former IBM Gun Club – Former Burn Pit Area
Union, New York
NYSDEC Site No. C704044

I, David Shea, certify that I am currently a NYS registered professional engineer and that this Voluntary Review of Remediation Performance Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER "Technical Guidance for Site Investigation and Remediation" (DER-10).

Date: March 20, 2026

Name: David Shea

NYS P.E. License No. 70026

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1.0 INTRODUCTION

This report presents the findings of the Voluntary Review of Remediation Performance (VRRP), 2014–2025, for the Former Burn Pit Area (BPA) of the IBM Gun Club property (the "Site" – see Figure 1) located in Union, New York. International Business Machines (IBM) Corporation engaged Sanborn, Head Engineering & Geology, P.C. (Sanborn Head) to prepare this VRRP. This report summarizes subsurface conditions and remedy performance from the implementation of the remedy in 2014 through August 2025, compares remedy performance to the objectives and metrics defined in the Site Management Plan[1] (SMP), and provides recommendations for IBM's next steps. This review is termed "voluntary" because it is not a required deliverable of the SMP. Although not a formal requirement of the SMP, IBM agreed to complete this VRRP as previously discussed with the New York State Department of Environmental Conservation (NYSDEC) as noted in previous reports[2]. Its purpose is to synthesize the results of the remediation performance to date and to provide an opportunity to present recommendations regarding next steps, including any potential modifications to the SMP monitoring program, consistent with best practices.

The remedial measures for the Site have been successful in meeting short- and long-term performance thresholds, resulting in the protection of human health and the environment. Upgrades to the in-situ injection well layout and injection program completed in 2023 resulted in improvements to the delivery of the amendment used for in-situ treatment and reductions in the primary volatile organic compound (VOC) concentrations. Remediation has resulted in one to three order-of-magnitude (OOM) decreases in VOC concentrations in on- and off-Site groundwater, while modest reductions in VOC mass sorbed to bedrock have been achieved as expected. In addition, the footprint of groundwater with VOC concentrations greater than the NYSDEC groundwater quality standards[3] (GWQS) has been reduced from a plume that extended up to approximately 1,000 feet (ft) off-Site to a condition where VOC concentrations off-Site are less than applicable GWQS, apart from a few wells immediately downgradient of the Site boundary.

The SMP provides a framework for remedial decisions when contaminant concentrations remain greater than GWQS, which is the case at the Site. In the event that there are diminishing returns from repeated injections, and/or when groundwater concentrations have become asymptotic at an acceptable level over an extended period, the SMP provides a pathway to transition the Site to monitored natural attenuation (MNA). If these conditions are not apparent, then the SMP requires either continuing with the existing remedy or examining whether the remedial approach could be further optimized or supplemented with other approaches.

This report considers the results of injections through August 2025, following the May 2023 injection event after the enhancements to the injection program were completed. As

[1] Sanborn, Head Engineering, P.C., *Site Management Plan (SMP), Brownfield Cleanup Program, IBM Gun Club – Former Burn Pit Area, Union, New York,* December 2014 (as amended).

[2] Sanborn, Head Engineering & Geology, P.C., *August 2025 Routine Sampling Report and Remediation Performance Update – Former Burn Pit Area, Union, New York,* December 5, 2025.

[3] New York State Department of Environmental Conservation (NYSDEC)**,** *6 NYCRR Part 703 — Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations*, Title 6, Department of Environmental Conservation, Chapter X, Subchapter A, Article 2.

documented in previous submittals to the Agencies, another injection event was completed in August 2025, and IBM continues to evaluate the results following that event. IBM plans to continue with the current remedial approach for the Site while additional data is collected and evaluated after the August 2025 injection event. This additional monitoring will support an evaluation of asymptotic conditions. If asymptotic conditions are observed, the evaluation will assess: 1) whether VOC concentrations are at an acceptable level over an extended period, 2) whether groundwater concentrations could rebound if active remedial measures (i.e., amendment injections) were discontinued, and 3) whether potential rebound in concentrations would be consequential to protection of human health and the environment. This evaluation will be reported in the next Periodic Review Report (PRR), which is due in January 2027.

1.1 Purpose

The purpose of this report is to assess the Site's groundwater quality conditions and evaluate remedy performance compared to criteria established in the SMP in the context of the current in-situ treatment system, which was optimized with an improved injection approach in 2023. This report is intended to provide the foundational data and information for implementing the steps to support an upcoming assessment of the viability of MNA as compared to continuing with the existing or modified remedial system, which is forthcoming.

1.2 Organization of Report and Presentation of Figures

Section 2.0 summarizes background information relevant to this VRRP. Section 3.0 includes an analysis of remediation results against the primary and secondary lines of evidence of reductive dechlorination. Section 4.0 includes a summary of our conclusions and recommendations that will be used in the forthcoming PRR to make potential adjustments to the remediation approach and performance criteria. Exhibit 1-1 below summarizes the appendices included within this report and their contents.

Exhibit 1-1: Summary of appendices

Appendix	Appendix Name	Contents
Appendix A	Statement of Limitations	Statement of limitations applicable to this work.
Appendix B	Time Series Charts of Select Analytes and Mann-Kendall Trend Results	Time series charts of select groundwater analytes (VOCs) and related field and geochemical parameters, along with Mann-Kendall trend test results for each analyte, through August 2025.
Appendix C	Tabular Groundwater Quality Results	Tabular results of all available historical groundwater elevations, field parameters, field and analytical geochemical parameters, and VOC analytical results (Tables C.1 through C.4, respectively).
Appendix D	TCE Distribution in Groundwater (2014, 2018, 2020, 2022, 2025)	Figures showing TCE distribution in groundwater for September 2014, June 2018, September 2020, August 2022, and August 2025 (Figures D.1 through D.5, respectively) to provide back-up for and complement Figure 4.
Appendix E	Evolution of Other VOC Distribution in Groundwater (2014 - 2025)	Graphical presentation of other Site contaminants, including *cis*-1,2-dichloroethene [cDCE], vinyl chloride [VC], 1,2-dichloroethane [1,2-DCA], toluene, benzene, and carbon tetrachloride (Figures E.1 through E.6, respectively) over the period of interest in this VRRP.
Appendix F	Previously Reported Graphical Results	Graphical presentations of previously reported results of groundwater quality conditions (Figures F.1 through F.5), geochemical conditions (Figures F.6 through F.10), and microbial presence (Figures F.11 through F.13) from September 2014, June 2018, September 2020, August 2022, and August 2025 sampling reports.

2.0 SITE BACKGROUND

2.1 Site Description and Summary of Remedy

The remedial program at the Site is being conducted in accordance with the SMP under the New York State (NYS) Brownfield Cleanup program (BCP) administered by NYSDEC through BCP Agreement No. C704044.

The Site is in the Town of Union, County of Broome, New York, and it is part of Parcel 126.18-1-20 on the Broome County Tax Map. The Site is an approximately 15.6-acre area bounded by the former IBM Gun Club Shooting Range parcel to the north and west, Binghamton Country Club

(BCC) property to the south, and Robinson Hill Road to the east (see Figure 1). Site ownership was transferred from IBM to the BCC in 2015.

To address the presence of VOCs, principally trichloroethene (TCE) and its biochemical breakdown products, the current remedy is a combination of enhanced biochemical degradation (EBD), an engineered soil cap, and phytoremediation, further described below. Following remedy construction and implementation during 2013 and 2014, a Certificate of Completion (COC) for the Site was issued by NYSDEC on November 12, 2014. Thus, the remedy has been in place for about 11 years.

The Remedial Investigation[4] (RI) included an assessment of potential risks at the Site. Two receptors/pathways were deemed incomplete (drinking water and vapor intrusion). Two pathways were determined to be complete (direct contact with seep water and soil). Both receptors/pathways were addressed via the remedial activities described below.

The remedy includes the following engineering controls (ECs), the components of which are shown on Figure 1:

1. In-situ treatment via EBD consisting of the injection of an organic carbon substrate (emulsified vegetable oil [EVO]) to stimulate in-situ anaerobic bioremediation of Site VOCs using a network of injection wells. Exhibit 2-1 below presents a summary of Site-wide injection events from 2015 through May 2023 (as described above, a 2025 injection event was also completed, but results following that injection event were not considered in this report given the limited monitoring results available to date);
2. An engineered soil cap constructed of low-permeability soil that provides a minimum of 2 ft of cover over near-surface soils, which serves to limit direct contact with soil contaminants by potential receptors;
3. Placement and compaction of engineered soil fill within a previous topographic depression south of the former BPA (“Seep Area”), where VOC-containing groundwater had historically been observed to breakout to the ground surface as seasonal seeps and springs, which serves to limit direct contact with seep water by potential receptors; and
4. Phytoremediation to limit infiltration recharge to groundwater and enhance direct uptake of VOC-containing shallow groundwater.

[4] Sanborn, Head Engineering, P.C., *Report of Findings, Brownfield Cleanup Program Remedial Investigation (RI), IBM Gun Club – Former Burn Pit Area, Union, New York,* August 2009.

Exhibit 2-1: Summary of Site-wide EBD injection events

Injection Event	August 2015	August 2017	September 2020	November 2021	May 2023
Number of Injection Wells	26	26	26	26	26
Total Volume Injected (gallons)	1,786	1,812	1,901	1,832	11,398
Volume of EVO Injected (gallons)	89	91	95	92	1,562
Injection Locations	A-1 to A-10, A-12 to A-15, B-4 to B-10, IB-2, IB-4, IB-6, IB-7, IB-9	A-1 to A-10, A-12 to A-15, B-4 to B-10, IB-2, IB-4, IB-6, IB-7, IB-9	A-1 to A-10, A-12 to A-15, B-4 to B-10, IB-2, IB-4, IB-6, IB-7, IB-9	A-1 to A-10, A-12 to A-15, B-4 to B-10, IB-2, IB-4, IB-6, IB-7, IB-9	A-13, B-4 to B-6, B-10, IB-2, IB-4, IB-6, IB-7, C-1 to C-11, D-1 to D-6

In addition, institutional controls (ICs) include:

1. Property use restrictions (i.e., only restricted-residential, commercial, and industrial use permitted within the deed restriction area) as defined by 6 NYCRR Part 375-1.8(g);
2. Any activities on the property that will disturb remaining contaminated materials must be conducted in accordance with the SMP;
3. Groundwater within and adjacent to the mapped plume is prohibited as a source of potable or process water without necessary water quality treatment;
4. Provisions for the evaluation/treatment of vapor intrusion for any buildings constructed on-Site or off-Site and within the plume area;
5. Vegetable gardens and farming are prohibited; and
6. Periodic written statements prepared by IBM and the Site owner to accompany the PRRs that certify that: (1) the controls employed at the Site are unchanged from the previous certification, or any changes were approved by the NYSDEC, and (2) nothing has impaired the ability of the controls to protect human health and the environment, or failed to comply with the SMP.

As summarized in the 2021 Remedy Optimization Report[5], IBM upgraded the EBD component of the remedy and injection approach during 2022 and 2023 and reported the outcomes of this work to NYSDEC and the New York State Department of Health (NYSDOH) in routine monitoring reports. A refined understanding of the Site's conceptual site model (CSM) was presented in the

[5] Sanborn, Head Engineering, P.C., *Remedy Optimization Report, IBM Gun Club – Former Burn Pit Area, Union, New York,* September 2021.

April 2023 Routine Sampling Report and Remedial Progress Update[6] (April 2023 Sampling Report), and an updated mass discharge assessment was discussed in the August 2023 Routine Sampling Report and Remedial Progress Update[7] (August 2023 Sampling Report).

In 2022, 17 new injection wells (C-1 through C-11, and D-1 through D-6 – see Figure 2) were installed to target VOCs in shallow and highly fractured zones. These 17 new wells, along with 9 existing wells (wells that could receive approximately three well volumes of injection solution), were selected for injection in May 2023 following the installation of the new wells. As shown in Exhibit 2-1 above, following injection well optimization, the volume of fluid injected for the single May 2023 event was greater than the combined volume of fluids injected during all other rounds. This increase in fluid delivery was primarily related to changes in the construction style of the injection wells to target the upper, more fractured portion of bedrock.

2.2 Conceptual Site Model

2.2.1 Geological, Hydrogeological, and Geochemical Setting

As first presented in the RI, the geology of the Site and surrounding areas consists of glacial till overlying Upper Devonian Period West Falls group sedimentary bedrock. The overburden at the Site is predominantly thin (less than 5 ft in thickness) and comprised of fine-grained glacial till. The uppermost bedrock is highly fractured rock and transitions to an inferred bedrock aquitard at approximately 15 to 20 ft below ground surface (bgs). Site-specific data indicated that the underlying unfractured rock (aquitard) permeability is typically five OOM lower than the bulk fractured rock, indicating the shallow, highly fractured rock unit is the primary migration pathway for groundwater and Site-related VOCs. As such, the following discussion will pertain primarily to the shallow rock unit (approximately 5 to 20 ft bgs).

The Site is located on a topographic high and apparent groundwater divide. Depth to groundwater generally ranges from 5 to 10 ft bgs in wells screened above the aquitard, subject to seasonal variability. Groundwater flow is primarily through horizontal fractures in the shallow bedrock overlying the aquitard, resulting in radial flow with a predominant southerly component away from the Site (see Figure 3). Groundwater has been observed to intermittently discharge to seeps and springs both on- and off-Site (Figures 1 and 2). Consistent with the Site's topographic setting, vertical hydraulic gradients are generally downward.

During the RI, evidence of biochemical degradation of VOCs was observed, primarily near the former BPA. The ratio of TCE and daughter- and end-product concentrations in this area were indicative of the reductive dechlorination process. This was supported by primarily negative measurements of oxidation-reduction potential (ORP), elevated measurements of total organic carbon (TOC), and a generally neutral pH in groundwater. This geochemical environment was observed to a lesser extent at distance from the former BPA. The SMP performance objectives included maintaining geochemical conditions favorable to reductive degradation within Primary

[6] Sanborn, Head Engineering, P.C., *April 2023 Routine Sampling Report and Remedial Progress Update – Former Burn Pit Area, Union, New York,* August 2023.

[7] Sanborn, Head Engineering, P.C., *August 2023 Routine Sampling Report and Remedial Progress Update – Former Burn Pit Area, Union, New York,* November 2023.

Source Rock. Currently, these parameters are monitored, in addition to parameters like total volatile fatty acids (VFAs), dissolved oxygen (DO), ferrous iron (Fe^{2+}), sulfide, and methane, to regularly assess the potential for biochemical degradation of VOCs. Generally, geochemical conditions remain within the ranges that are favorable for reductive dechlorination[8] over most of the Primary Source Rock (see Figure 3). Additionally, quantitative polymerase chain reaction (qPCR) results for the microbial populations responsible for TCE reductive dechlorination—and their associated functional genes—indicate a generally consistent presence of active microbes and ongoing degradation.

2.2.2 Contaminant Characterization

In the 1950s through the mid-1970s, an approximate 4-acre area in the south-central portion of the Site, the BPA, was reportedly used to burn certain chemicals for disposal purposes, consistent with chemical handling practices at the time. In 1979, IBM voluntarily undertook an investigation of the BPA, which identified VOCs in soil and groundwater associated with the BPA. In 1980, IBM implemented a removal action consisting of the excavation and off-Site disposal of approximately 30,000 cubic yards of soil and rock from the BPA. Following completion of excavation activities, the area was backfilled and capped with topsoil.

The RI identified halogenated VOCs, largely chlorinated ethenes, and to a lesser degree chlorinated methanes and ketones, as contaminants in Site groundwater and the rock matrix. Exhibit 2-2 below provides a statistical summary for the 22 VOCs that were identified as Site contaminants in groundwater[9] (i.e., those that were detected at concentrations exceeding GQWS) during the RI. Chlorinated ethenes, principally TCE and biochemical breakdown products *cis*-1,2-dichloroethene (cDCE) and vinyl chloride (VC) were identified as the principal chlorinated volatile organic compounds (CVOCs) in groundwater, driving the need for remediation at this Site due to their higher frequency of detection, prevalence, mobility, and toxicity. In addition, the TCE plume footprint was considered representative of the other types of VOCs in groundwater, which were shown to follow a similar spatial distribution/pattern. As such, this VRRP focuses on TCE and its degradation products to assess the performance of the remedy. However, other VOCs that exhibited sample exceedance frequencies of approximately 5 percent (%) or greater at the time of the RI are discussed to a limited extent, and supplemental VOC distribution figures are included in Appendix E.

[8] Geochemical conditions favorable to reductive dechlorination are based on the EPA paper entitled Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water, Wiedemeier, et. al., 1998.

[9] Other VOCs were found in soil, rock, and groundwater during the RI, but less frequently and at lower concentrations relative to applicable standards, including chlorinated methanes, chlorinated ethanes, and petroleum hydrocarbons.

Chemical	NYSDEC GWQS (µg/L)	On-Site					Off-Site				
		Number of Locations Sampled	Number of Samples	Sample Detection Frequency	Sample Exceedance Frequency	Maximum Detected Concentration (µg/L)	Number of Locations Sampled	Number of Samples	Sample Detection Frequency	Sample Exceedance Frequency	Maximum Detected Concentration (µg/L)
Chlorinated Ethenes											
Trichloroethene (TCE)	5	62	631	60.5%	33.1%	7,000	31	141	49.6%	14.2%	64
Dichloroethene (cis-1,2-)	5	62	631	50.7%	24.4%	13,000	31	141	19.9%	0.7%	5.2
Vinyl chloride	2	62	631	19.3%	7.3%	1,700	31	141	0%	0%	<2.5
Dichloroethene (1,1-)	5	62	631	12.5%	2.5%	32	31	141	0%	0%	<2.5
Dichloroethene (trans-1,2-)	5	62	631	14.4%	1.9%	66	31	141	0%	0%	<2.5
Tetrachloroethene (PCE)	5	62	631	1.3%	0.2%	6.3	31	141	9.2%	2.8%	6.4
Chlorinated Ethanes											
Dichloroethane (1,2-)	0.6	62	631	31.4%	15.5%	32	31	141	5.7%	0%	0.4
Trichloroethane (1,1,2-)	1	62	631	2.5%	0.2%	2.9	31	141	0%	0%	<2.5
Trichloroethane (1,1,1-)	5	62	631	0.2%	0.2%	5.8	31	141	0.7%	0%	0.2
Chlorinated Methanes											
Chloroform	7	62	631	34.4%	2.4%	330	31	141	30.5%	0%	0.8
Carbon tetrachloride	5	62	631	20.4%	1.6%	25	31	141	17.7%	0%	0.7
Methylene Chloride	5	62	631	4.6%	0.5%	30	31	141	0%	0%	<2.5
Chloromethane	5	62	631	2.9%	0.2%	15	31	141	0.7%	0%	0.6
Petroleum Hydrocarbons											
Toluene	5	62	631	63.4%	38.5%	670	31	141	0%	0%	<2.5
Benzene	1	62	631	21.6%	5.5%	13	31	141	0.7%	0%	0.3
Xylene (m,p-)	5	62	626	10.5%	1.9%	370	31	141	0%	0%	<2.5
Ethylbenzene	5	62	631	5.5%	1.6%	130	31	141	0%	0%	<2.5
Xylene (o-)	5	62	607	5.9%	1.3%	170	31	141	0%	0%	<2.5
Isopropylbenzene	5	62	607	0.7%	0.2%	9.6	31	141	0%	0%	<2.5
Ketones											
Acetone	50 †	62	631	33.6%	9.2%	7,800	31	141	7.1%	0%	7.5
Butanone (2-) (MEK)	50 †	62	631	28.4%	1.1%	260	31	141	0.7%	0%	1.2
Methyl-2-pentanone (4-)	50 ‡	62	631	15.8%	1.1%	390	31	141	0%	0%	<25

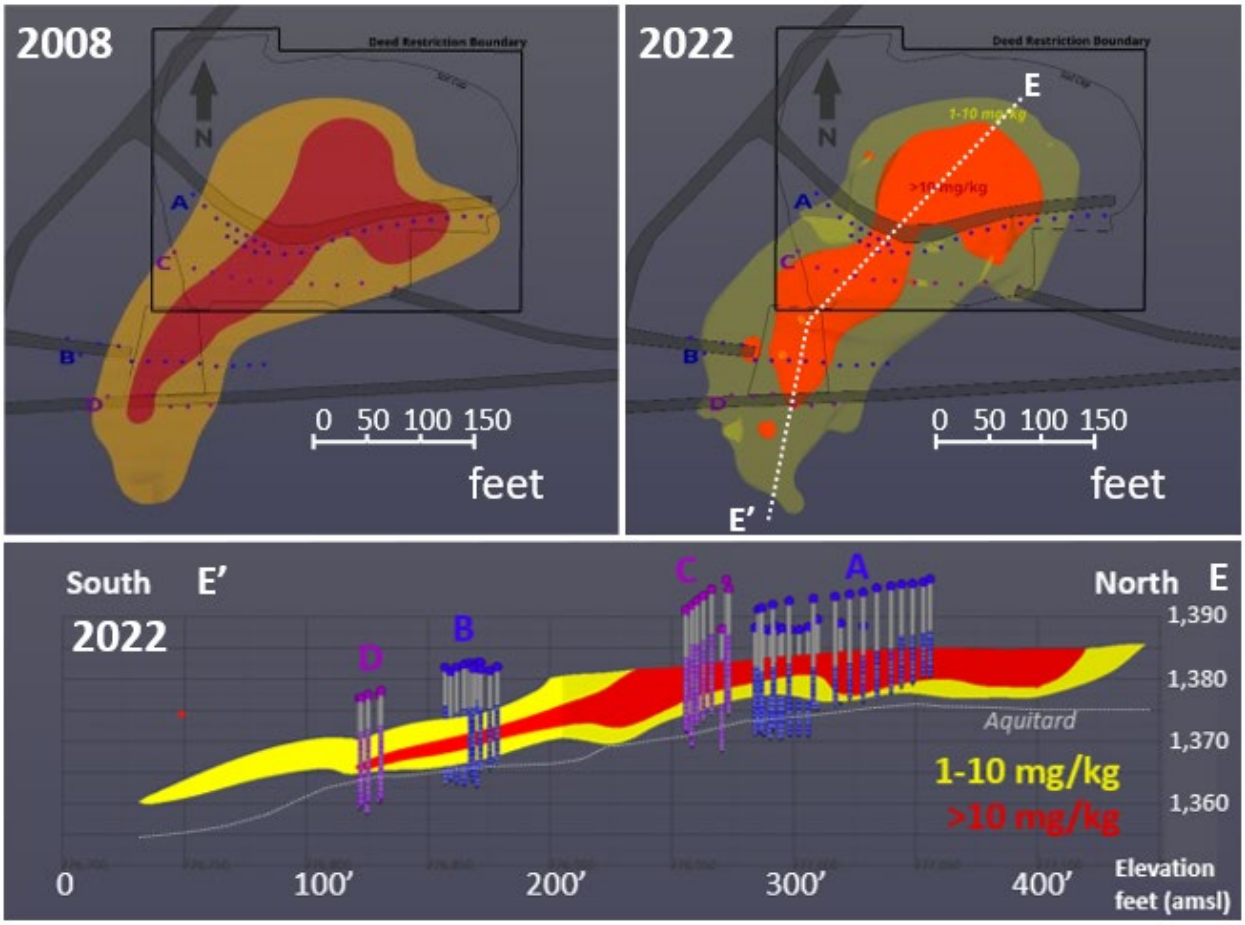
Exhibit 2-2: Primary Site contaminants in groundwater (including seeps, springs, and culvert samples) between 2006 and 2009[10]

[10] The statistics presented in this exhibit were recreated to the extent reasonably possible using available historical data. Minor differences (e.g., sample counts) from the RI statistics may be present due to the age of the data; however, the same list of 22 compounds with exceedances of the GWQS at the time of the RI (2006 – 2009) are included. Cells are shaded darker to reflect increasing observed frequencies of detected concentrations (blue) or concentrations exceeding the applicable standard (orange) across all samples.

2.2.3 Contaminant Mass Distribution and Transport

As shown on Figure 3 and Exhibit 2-3 below, the relative position of CVOCs in Primary Source Rock (defined as bedrock with CVOC concentrations greater than 1 milligram per kilogram [mg/kg]) extends from the area north of the A-line of injection wells southward along a trough-like depression in the bedrock surface. Exhibit 2-3 compares the 2008 RI interpretation of Primary Source Rock to conditions in 2022 prior to implementation of the optimized injection approach. Downward migration is constrained by an aquitard (inferred position shown on Exhibit 2-3 cross section), which was defined in the RI through multiple lines of evidence, including a marked decrease in fracture density, no moderate to steeply dipping or vertical fractures, and a marked reduction in CVOC concentrations in rock core samples.

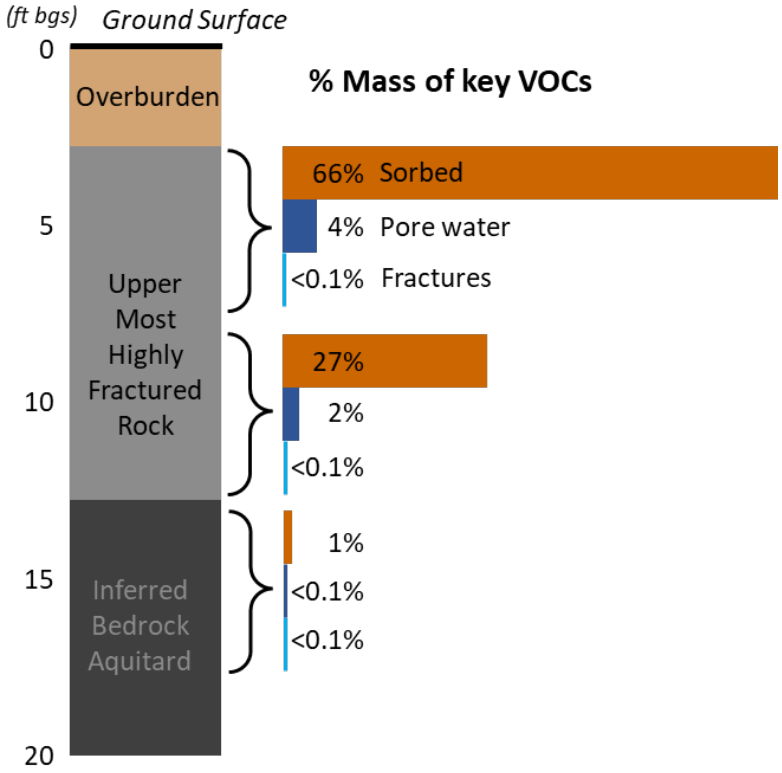
Exhibit 2-3: Comparison of 2008 versus 2022 Core^{DFN}-informed Primary Source Rock)



The top of the aquitard interval is typically present at about 15 to 17 ft bgs, and as shallow as 12 ft bgs. Approximately 70% of CVOC mass is located within the upper portion of bedrock (roughly 3 to 8 ft bgs), about 29% from 8 to 13 ft bgs, and only 1% at and below the aquitard at depths of approximately 15 ft bgs. Areas of 10s of mg/kg total CVOCs in bedrock (red area on Exhibit 2-3 and Figure 3) are located primarily in the upper 5 to 10 ft of bedrock, with approximately two to three OOM reductions in concentration with depths at and below the aquitard.

VOCs are present in the bedrock aquifer as mass sorbed onto the bedrock solids, within bedrock matrix porewater (primary porosity), and within groundwater-filled fractures (secondary porosity). As shown in Exhibit 2-4, while contaminated groundwater flow through fractures in bedrock is the primary means of contaminant migration, the VOC mass in groundwater within fractures represents less than 0.1% of the total contaminant mass present in the subsurface. Rock core sampling via the Discrete Fracture Network (Core^{DFN}) approach in 2022 confirmed the 2008 findings presented in the RI, that the bulk of the VOC mass (94%) is sorbed onto the rock mass (decreasing with depth), and the remainder (6%) is in porewater within the rock matrix.

Exhibit 2-4: Depth and phase distribution of VOCs within Primary Source Rock (2022 Evaluation)



The Primary Source Rock has been the focus for ongoing remediation activities. As documented in the April 2023 Sampling Report, about 550 pounds (lbs) of CVOCs were present in bedrock prior to remediation compared to approximately 460 lbs in 2022 after about 8 years of remediation. Importantly, the modest reductions in estimated CVOC mass accomplished by in-situ remediation were anticipated as part of the remedy selection process. Injection of amendment into bedrock aquifers occurs primarily within the fracture network where, as shown on Exhibit 2-4, relatively little mass is present. Therefore, treatment of the sorbed phase and/or porewater within the bedrock matrix is limited by the slow rate of back diffusion of VOCs out of rock into groundwater within fractures. Again, this was anticipated, and as a result, remedial goals established in the SMP are focused on maintaining protectiveness to potential receptors, maintaining favorable geochemical conditions within and downgradient of Primary Source Rock area, and reduction of parent CVOC concentrations and mass flux.

Figure 4 shows the evolution of TCE in groundwater within fractures above the aquitard before and after implementation of remediation in 2014, and before and after optimization of the in-situ treatment system in 2023. Groundwater beneath the aquitard is relatively unimpacted by CVOCs and, as described in the RI, there are no complete exposure pathways to current users of groundwater (i.e., the private water supply wells).

As shown in Figure 4, TCE in groundwater exceeding the GWQS of 5 micrograms per liter (µg/L) extended approximately 1,000 ft downgradient of the Site boundary in 2014 prior to remedy implementation. Further, the concentration and footprint of TCE in on-Site groundwater was one to two OOM greater than the most recent conditions and occupied a larger footprint for all concentration thresholds shown. In aggregate, substantial progress has been made towards reducing the off-Site VOC concentrations in groundwater to less than GWQS except for one small area shown in the 2025 groundwater plume. These reductions in groundwater TCE/CVOC concentrations are largely attributable to the in-situ remedial approach providing favorable subsurface biogeochemical conditions that have enhanced naturally occurring processes, resulting in effective management of migration of the VOC groundwater plume. Currently, potentially complete pathways are limited to those on-Site (trespasser contact with seeps or springs), as concentrations off-Site are predominantly less than GWQS.

Key observations derived from the discussion above, relevant to the effectiveness of the existing remedy, and implications for a potential future MNA remedial approach, are as follows:

- Approximately 460 lbs of VOC mass remains sorbed to bedrock and within bedrock porewater (primary porosity), as expected. The remedial approach was not anticipated to significantly reduce source concentrations in these components of the bedrock matrix. Therefore, ongoing back diffusion of VOCs from the bedrock matrix to groundwater occurring in fractures should be expected under the existing remedial approach.
- Treatment of VOCs via the existing remedy is primarily occurring in groundwater within fractures (secondary porosity), which is also where contaminant transport occurs.
- The existing remedy has been successful in managing migration of the VOC plume by treating VOCs in groundwater within the fracture network. The notable reductions in VOC concentrations and plume footprint, particularly the extent of off-Site migration of VOCs, demonstrates the effectiveness of the remedy.
- The rate of reduction in VOC concentrations in groundwater occurring in fractures appears to be greater than the rate of VOC back diffusion from Primary Source Rock.
- The geochemical conditions within and downgradient of Primary Source Rock remain favorable under the existing remedial approach.
- The only complete exposure pathway identified in the RI for VOCs in groundwater is via a potential receptor encountering groundwater discharging at surficial seeps. Following backfilling/capping activities, many of the seeps where VOC concentrations exceeded GWQS were eliminated. Where seeps remain, VOC concentrations have declined and have been consistently less than relevant GWQS from 2014 through 2025, which indicates the remedy remains protective of human health and the environment.

3.0 GROUNDWATER REMEDY PERFORMANCE & PROGRESS

This section summarizes groundwater remedy performance in relation to NYS BCP criteria for termination of active remediation, as outlined in the SMP and in accordance with NYSDEC Technical Guidance for Site Investigation and Remediation (DER-10)[11]. Section 3.1 provides an overview of remediation performance objectives and metrics, as outlined in the SMP. Evaluation of the groundwater contaminant plume and its evolution over time is a critical component in determining whether active remediation has achieved its objectives and whether Site conditions support a transition to an MNA-based strategy. Accordingly, Section 3.2 evaluates remedy performance since its inception by reviewing long-term groundwater monitoring data, plume stability, and concentration trends, and by comparing observed conditions to the remedy performance objectives to inform a potential future transition to MNA. Section 3.3 presents a summary of the key lines of evidence used to evaluate remedy performance and the limitations of evidence to make recommendations to alter the remedy at this time.

As a basis for the long-term evaluation of groundwater conditions, five comprehensive annual monitoring events were selected for review (see Figure 4). The results of these monitoring rounds are referenced throughout this VRRP and include the following:

- September 2014 – Baseline conditions, representing groundwater quality prior to the initiation of Site-wide EBD in 2015;
- June 2018 – Approximately three years after the initiation of EBD;
- September 2020 – Approximately five years after the initiation of EBD;
- September 2022 – Approximately seven years after the initiation of EBD and prior to injection via the optimized EBD approach in 2023; and
- August 2025 – Current groundwater conditions following implementation of the optimized EBD remedy including one injection round in 2023.

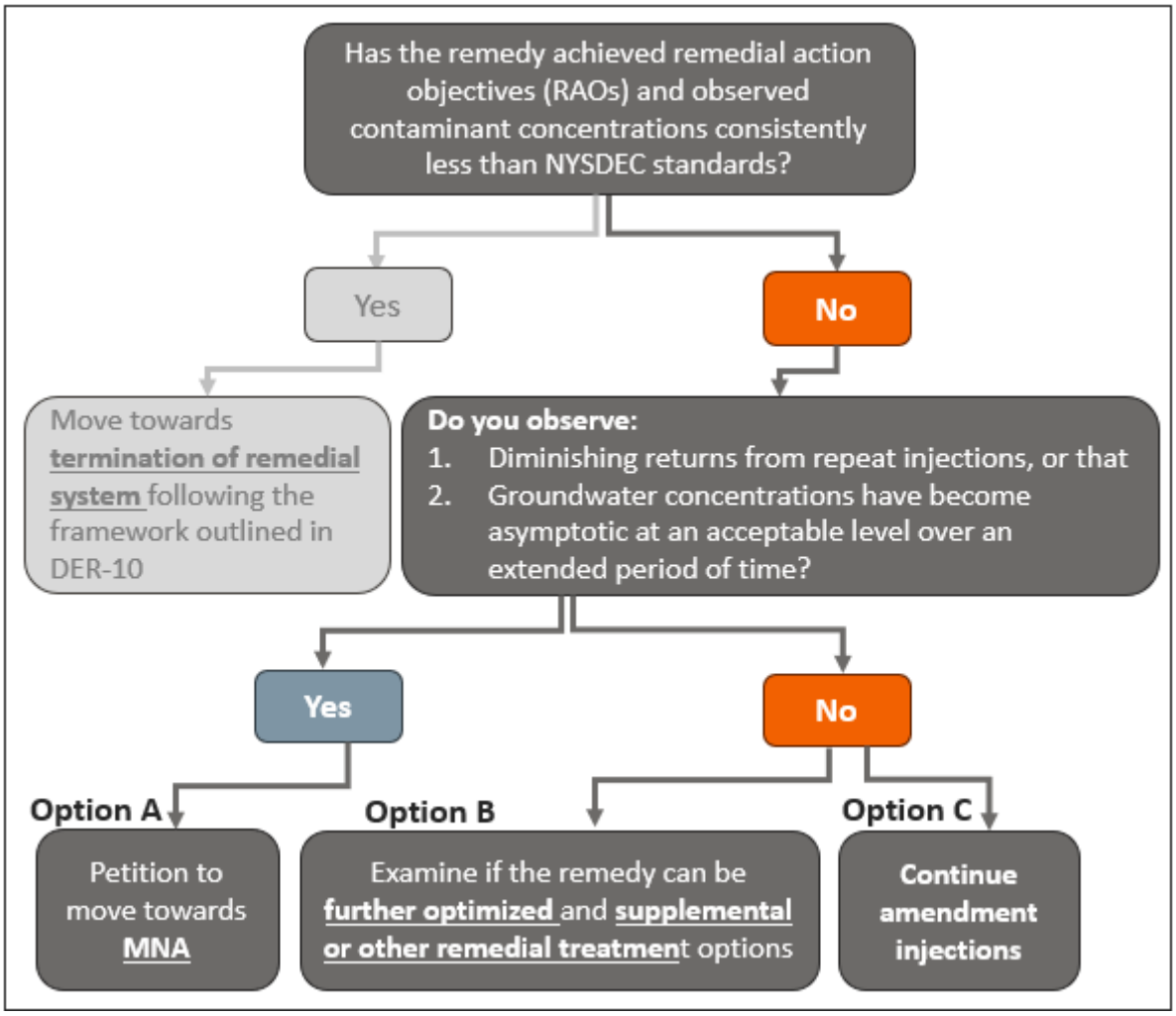
3.1 SMP Remedial System Termination Pathways and Performance Objectives

3.1.1 Criteria for Completion of Remediation / Termination of Remedial Systems

Exhibit 3-1 below summarizes the pathways to termination of the existing remedial system, transitioning to MNA, or continuing with the existing or modified remedial approach, as outlined by the SMP.

[11] New York State Department of Environmental Conservation (NYSDEC), *Technical Guidance for Site Investigation and Remediation (DER-10),* Division of Environmental Remediation, May 2010.

Exhibit 3-1: Potential remedy pathways outlined in the SMP



In accordance with DER-10 and the SMP, a remedial process is considered completed when effectiveness monitoring indicates that the remedy has achieved the remedial action objectives (RAOs), including compliance with NYSDEC standards, criteria, and guidance (SCG) for environmental media. Currently, contaminants in soil and groundwater exceed NYSDEC SCGs, plume migration is being managed by periodic injections, and the engineered cap limits plume recharge and prevents contact with soil contaminants, all of which are necessary to maintain protection of human health and the environment.

If RAOs have not been met and/or contaminant concentrations remain greater than NYSDEC SCGs, the SMP provides a framework, consistent with DER-10, for evaluating whether the Site can be transitioned to MNA, or whether further optimization and supplemental remedial measures could be required. The decision criteria include whether: (1) there are diminishing returns from repeat injections, and/or (2) concentrations have become asymptotic at an acceptable level over an extended period. As shown in Exhibit 3-1, if these criteria are met, IBM can petition to move the Site to MNA. If the criteria have not been met, then IBM must either continue with its current remediation approach or evaluate if the system can be further improved and assess the practicability of other supplemental remedial options.

3.1.2 Performance Objectives and Means of Demonstrating Performance

The remedy performance objectives and long-term measures of success established in the SMP are summarized in Exhibit 3-2 below. The SMP also included short-term measures of success, where "short-term" was defined as five years following initial injections (i.e., 2014 to 2019). This timeframe has passed and been discussed in previous PRRs; therefore, this VRRP focuses on long-term measures of success, where "long-term" is defined as more than 5 years following implementation of the remedy.

Exhibit 3-2: Remedy performance objectives and measures of success

Performance Objective	Long-Term Measures of Success
Sustained EBD throughout Primary Source Rock.	Reductions in TCE concentrations downgradient of the injection displacement zone.
Limited mass flux out of Primary Source Rock.	Decreasing concentrations of TCE at downgradient points of shallow groundwater discharge (seeps or springs).
Enhanced biochemical processes outside (downgradient) of Primary Source Rock.	Decreasing concentrations of TCE and increasing concentrations of breakdown products south of the Site boundary.

The following sections include an assessment of performance of the remedial system compared to the criteria established in the SMP.

3.2 Progress Toward Performance Objectives

The evaluation of remedy performance is based on assessment of the following lines of evidence:

- **Primary lines of evidence:**
  - Spatial and graphical assessments of plume footprint and mass;
  - Concentration trends to assess plume stability and behavior; and
  - Mass discharge assessment
- **Secondary lines of evidence:**
  - Geochemical conditions; and
  - Other evidence of reductive dechlorination
- **Tertiary lines of evidence:**
  - Microbiological assessments

These lines of evidence will inform the progress towards achieving the performance objectives and long-term measures of success described in Exhibit 3-2, as appropriate.

Exhibit 3-3 below summarizes which primary, secondary, and tertiary lines of evidence support achieving the performance objectives and long-term measures of success described in the SMP. As shown in Exhibit 3-3 and further discussed in the sections below, the performance objectives and long-term measures of success are being met via the existing remedy.

Exhibit 3-3: Summary of Lines of Evidence Supporting Compliance with SMP Performance Criteria

SMP Criteria		Primary lines of evidence			Secondary Lines of Evidence		Tertiary Lines of Evidence
		Reductions in TCE plume footprint / mass	**Stable or decreasing concentrations**	**Stable or decreasing mass discharge**	**Favorable geochemical conditions**	**Other evidence of reductive dechlorination**	**Microbial evidence of reductive dechlorination potential**
Main source(s) of information		**Figure 4, Appendix D**	**Figure 5, Appendix B, D, & E, Exhibit 3-6**	**Exhibits 3-7 & 3-8**	**Figure 3, Appendix B & F, Exhibits 3-9 & 3-10**	**Figure 3, Appendix B & F, Exhibit 3-11**	**Appendix F**
Performance Objectives	Sustained EBD throughout Primary Source Rock	✓	✓	N/A	✓	✓	✓
	Limit mass flux out of Primary Source Rock	N/A	N/A	✓	N/A	N/A	N/A
	Enhanced biochemical processes outside (downgradient) of Primary Source Rock	✓	✓	✓	✓	✓	✓
Long-term Measures of Success	Reductions in concentrations downgradient of injection displacement zone	✓	✓	N/A	N/A	N/A	N/A
	Decreasing concentrations of TCE at downgradient seeps	✓	✓	N/A	N/A	N/A	N/A
	Decreasing concentration of TCE and increasing concentration of breakdown products south of the Site boundary	✓	✓	N/A	N/A	✓	N/A

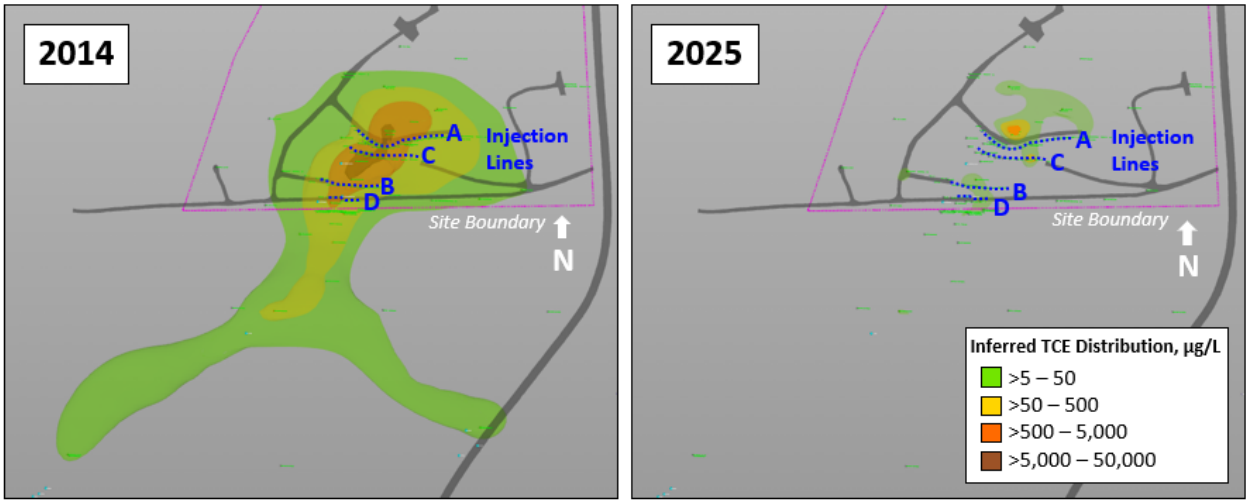
3.2.1 Primary Lines of Evidence

3.2.1.1 Spatial and Graphical Assessment of TCE Plume Footprint and Mass

The evolution of the TCE groundwater plume since remedy implementation was assessed using graphical and statistical methods, including isopleth mapping and quantitative analyses of plume areas and dissolved-phase TCE mass estimates for each of the five sampling rounds (Figure 4). In addition, Exhibit 3-4 below is an interactive three-dimensional (3D) visualization of TCE in groundwater before remediation (2014) and in August 2025 following optimization of the EBD system.

Exhibit 3-4: 2014 Pre-Remediation and 2025 post-EBD Optimization of TCE in groundwater

The following exhibit contains interactive content. To enable content, first navigate to https://viewer.ctech.com. Load the 3D content into the viewer by dragging the attached model file ("Feb2026 VRRP Report.ctws") into the web viewer. Users can navigate the model by using the bookmark menu [Alt+S]. Bookmarks provide predefined views of the model as well as specific layer selections. Users can also show/hide model components (e.g., wells, plumes, or surfaces) from the Model Tree [Alt+M] and navigate the 3D space with their mouse.



As shown in Figure 4 and Exhibit 3-4, the TCE plume in groundwater above the aquitard has substantially decreased in size and average concentration, indicating sustained reduction in dissolved-phase mass and downgradient impacts. Remediation has resulted in one to three OOM reductions in concentrations in on- and off-Site groundwater. In addition, the footprint of groundwater with VOC concentrations greater than the GWQS has been reduced from a plume that extended up to approximately 1,000 ft off-Site to a condition where concentrations off-Site are less than applicable GWQS (except for few wells immediately downgradient of the Site boundary).

Based on TCE isopleth mapping from periodic groundwater monitoring events, the TCE plume footprint at concentrations greater than the GWQS of 5 µg/L has decreased by approximately

89%, and the estimated dissolved-phase TCE mass has decreased by approximately 93% since 2014 (and by 98% since its maximum mass in 2018 – see Figure 4).
As previously presented in the April 2023 Sampling Report, and as can be seen in the interactive 3D file included as Exhibit 3-4, total CVOC mass sorbed to rock decreased by about 15% between pre-remediation conditions in 2008 and 2022. Importantly, the modest reductions in sorbed CVOC mass were anticipated, reflecting the delivery of amendment into bedrock fractures and the rate-limited back diffusion of VOCs from the rock matrix, as described in Section 2.2.3.

The reduction in TCE plume footprint and dissolved mass suggest performance objectives are being met, related to both enhanced EBD within and downgradient of Primary Source Rock and in connection with long-term reductions in groundwater and seep concentrations within and downgradient of the Site.

3.2.1.2 Concentration Trends Assessment

TCE

Evaluation of concentration trends is a key metric for evaluating the system's capacity to reduce dissolved contaminants in groundwater. To assess plume stability, TCE trends over the VRRP's period of interest were analyzed. Temporal trends were assessed using the Mann-Kendall trend test, with TCE results presented graphically in Figure 5. Trend conclusions were based on the interpretation in Exhibit 3-5 below. The resulting concentration trends for individual wells and an expanded list of analytes are also presented beneath the time series charts in Appendix B. As illustrated in Figure 5, TCE concentrations above the aquitard since 2014 have been primarily decreasing, stable over time, or all results were less than laboratory reporting limits. The exceptions are several locations where no concentration trend was observed. No locations above the aquitard indicated an increasing TCE concentration trend over this period of interest.

In summary, TCE concentrations within Primary Source Rock are mostly stable or decreasing, which has resulted in decreasing TCE concentrations at downgradient monitoring wells and points of shallow discharge (seeps or springs). Consistent with these observations and as discussed above, Figure 4 shows that the plume footprint continues to decrease in size, particularly where concentrations are greater than 5 µg/L.

Exhibit 3-5: Mann-Kendall trend overview and interpretation

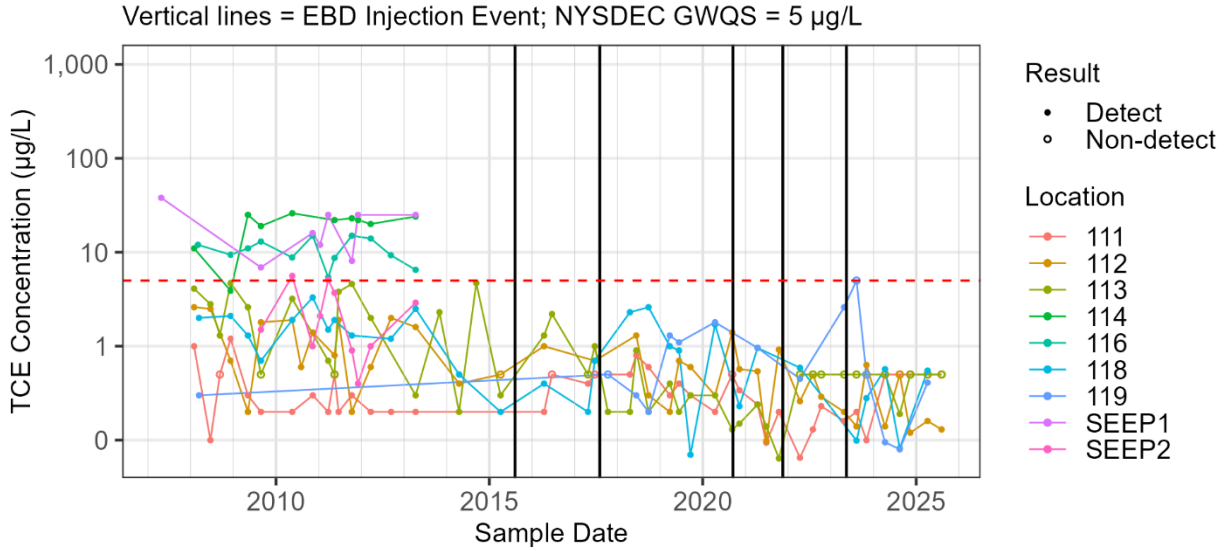
Trend Assignment	Interpretation
Strong trend, either: *strong increasing* *strong decreasing*	There is a relatively high level of confidence that there is a true trend underlying the data. A strong trend is relatively consistent, but it is not necessarily large in magnitude.
Moderate trend, either: *increasing* *decreasing*	There is a moderate level of confidence that there is a true trend underlying the data. A moderate trend is relatively consistent, but it is not necessarily a trend associated with a large change in magnitude.
Probable trend, either: *probably increasing* *probably decreasing*	There is some indication that there may be a true trend underlying the data, although not at a moderate or strong level of confidence.
Stable	There is not a trend detected, and the data are relatively steady.
No trend	There is not a trend detected. The data are relatively variable or there are data requirements for assessing trend stability that were not met.
Insufficient data	The sample size needs for assessing trends were not met.

As depicted on Figure 4 and 5, the plume footprint and concentration trends at off-Site locations have also decreased. Historically, TCE concentrations were greater than the GWQS up to 1,000 ft downgradient of the Site boundary, but the plume has retracted and concentrations have been significantly reduced since EBD injections were initiated. As of August 2025, only three monitoring well locations had TCE concentrations that exceeded the GWQS (BP-44AS and BP-45AS located a few feet south of the Site boundary, and BP-30A located about 300 ft south of the Site boundary). As shown on Figure 5, TCE concentrations have decreased at BP-30A and are stable at BP-44AS and BP-45AS.

The RI identified numerous seeps, springs, or culvert sampling points where direct contact with VOC-containing water was possible (see Figure 1), including many on-Site and off-Site seeps or springs and several culverts. Per Section 1.4 of the SMP, the Agencies concluded that the potential exposure to Site trespassers via direct contact with VOC-containing water reaching the ground seeps and springs at discrete points do not pose an unacceptable risk under present land uses. Nevertheless, consistent with the SMP requirements long term monitoring at is performed at five locations (111, 112, 113, 118, and 119) to confirm concentrations and potential exposures. These locations are located off-Site and downgradient of Primary Source Rock, except for 119 which is located on-Site (Figure 2).

Prior to 2014, four seeps or springs had exceedances of TCE greater than the GWQS, including 114, 116, SEEP1, and SEEP2. These locations were last sampled in 2011 or 2013 and had exceedances at that time (114 @ 20 µg/L, 116 @ 6.5 µg/L, SEEP1 @ 25 µg/L, and SEEP2 @ 5.1 µg/L). As of 2025, these seeps were either filled-in (SEEP1 and SEEP2) or are no longer sampled (114 and 116). As shown in Exhibit 3-6 below, the five routinely monitored seep, spring, or culvert locations have generally shown decreasing to strong decreasing TCE concentration trends (Figure 5, Appendix B), and concentrations all remain less than the GWQS.

Exhibit 3-6: TCE concentrations over time at on-Site and off-Site seeps, springs, or culverts



Other VOCs

Chlorinated methanes, aromatics, ketones, and other compounds that were generally detected at lower frequencies than TCE were largely found in injection and monitoring wells located in the central portion of Primary Source Rock at the time of the RI (Figures E.1 through E.6). As shown in Exhibit 2-2 above, 22 VOC compounds were detected at concentrations exceeding the GWQS at the time of the RI. Compounds with an on-Site sample exceedance frequency of approximately 5% or greater were evaluated in this VRRP in addition to TCE, including cDCE, VC, 1,2-dichloroethane (DCA), benzene, toluene, and carbon tetrachloride[12]. The evolution of their groundwater concentrations over time is presented in Figures E.1 through E.6.

As of August 2025, 13 compounds (other than TCE) still have GWQS exceedances in Site groundwater, but reductions in VOC concentrations and the frequency of on-Site detections have been observed. Other than TCE (and acetone), three compounds had exceedances of their respective GWQS at off-Site monitoring locations as of August 2025, including cDCE, VC, and 1,2-DCA. Generally, exceedances are observed at injection or monitoring wells within and just downgradient the Site boundary, or at the BP-30A location.

Overall, the decreasing or stable concentration trends for TCE and other VOCs in groundwater and seep or culvert water demonstrate that the performance objectives are being achieved related to enhanced EBD within and downgradient of Primary Source Rock, along with long-term reductions in groundwater and seep concentrations within and downgradient of the Site.

[12] Acetone was excluded from this analysis as it is a common lab contaminant. In addition, carbon tetrachloride was added to this analysis as it was identified as a primary Site contaminant.

3.2.1.3 Mass Discharge Assessment

This section focuses on mass discharge since improvement of the remedy in 2023. Mass discharge is an integrated mass flux estimate across a defined vertical plane and is expressed as mass/time (e.g., grams/day [g/d]), whereas mass flux is the rate of a solute mass moving through a vertical plane, usually a portion of the plume cross section, expressed as mass/time/area (e.g., g/d/ft^2).

Prior to optimization of the EBD system in 2023, two to three OOM reductions in mass discharges were observed at the Site boundary. Following optimization of the system, mass discharge has been monitored downgradient of the newly installed injection wells, and therefore, the mass discharge assessment presented below includes the results immediately prior to and following this timeframe. Mass discharge is currently estimated using simultaneous measurements of contaminant concentrations from a series of multi-level nested wells[13] (BP-42AS/I/D through BP-45AS/I/D) and groundwater flow rates quantified from active-distributed temperature sensing (A-DTS) tests[14]. The BP-42A through BP-45A flux plane is positioned downgradient of the D-line injection wells, along the Site boundary (Figure 2).

A cross-sectional view of mass discharge across the BP-42A through BP-45A flux plane (see Exhibit 3-7 below) identified that total CVOC and TCE mass discharge is higher through the upper portion of the bedrock (approximately 1368 to 1363 ft above mean sea level [amsl]) than through the underlying bedrock. On average, 98% of the CVOC mass discharge occurs in this shallow bedrock depth interval of about 5 ft bgs, which coincides with elevated contaminant concentrations observed within the shallowest nested wells (BP-42AS through BP-45AS). In addition, more than 89% of the CVOC mass discharge occurs within the central portion of the flux plane at nested wells BP-43AS and BP-44AS.

Exhibit 3-8 below summarizes the total CVOC and TCE mass discharge across the transect for each A-DTS testing and sampling round since October 2022[15]. The results suggest total CVOC mass discharge has remained generally stable, but with some reductions in the most recent August 2025 round, and TCE mass discharge steadily decreased following the May 2023 Site-wide injection. Moreover, decreases in TCE mass discharge in Fall 2023 correspond with increases in primary degradation products (cDCE) and with modest increases in secondary degradation products (VC).

Overall, the mass discharge assessment confirms that the remedial system is limiting and slightly reducing CVOC mass discharge, with proportional increases in cDCE and VC relative to TCE, suggesting that EBD is occurring and supporting sustained EBD downgradient of the Site boundary.

[13] The multi-level nested wells consist of a shallow well ("S", screened 5-10 ft bgs), intermediate well ("I", screened 10-15 ft bgs), and deep well (screened 15-20 ft bgs).

[14] A-DTS tests were conducted seasonally from October 2022 through August 2025 in borings BP-42A through BP-45A, collocated with the multi-level well nests (BP-42AS/AI/AD through BP-45AS/AI/AD).

[15] Since A-DTS testing was not conducted in November 2023 and April 2025, the A-DTS flow for October 2022 was used to estimate mass discharge for November 2023, and the A-DTS flow for April 2024 was used to estimate mass discharge for April 2025.

Exhibit 3-7: Cross-sectional view of CVOC and TCE mass discharge across the flux plane

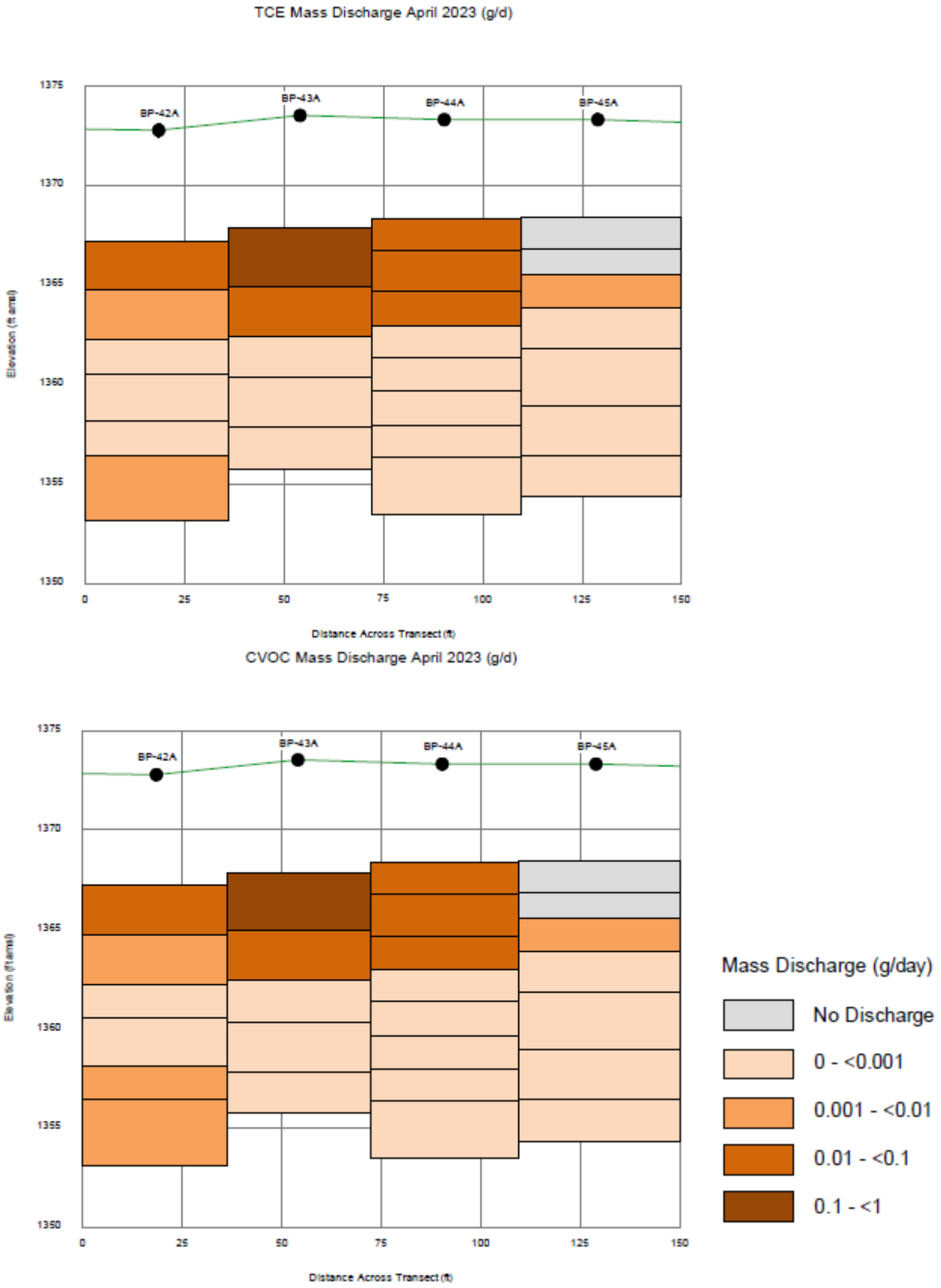
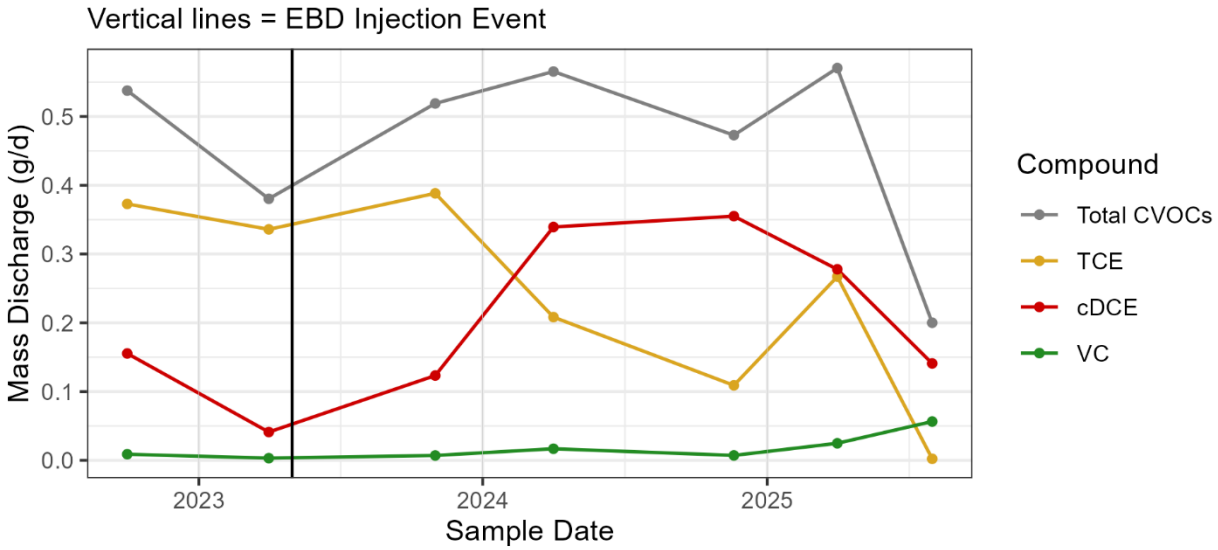


Exhibit 3-8: Mass discharge across flux plane as time series



3.2.2 Secondary Lines of Evidence

3.2.2.1 Geochemical Conditions

In addition to VOC concentrations, a suite of supporting compounds and geochemical parameters relevant to EBD have been evaluated over the past decade to assess subsurface oxidation/reduction (redox) conditions, biodegradation processes, and remedy effectiveness. These parameters provide supporting lines of evidence for reductive dechlorination and overall remedy performance, as discussed below.

Consistent with prior reports, geochemical conditions generally remain within ranges that are favorable for reductive dechlorination[16] over much of Primary Source Rock (see Figures F.6 through F.10, Appendix B, and Figure 3), which is particularly true at and downgradient of the A, B, and C injection lines.

TOC and VFAs

TOC and total VFAs must be present to drive biochemical breakdown of CVOCs by reductive dechlorination. Over the past decade, monitoring data indicate that TOC and total VFAs are present at sufficient concentrations (equal to or greater than 20 and 1 milligram per liter [mg/L], respectively) to enhance EBD of CVOCs across the lines of injection wells.

Exhibits 3-9 and 3-10 below show the response of TOC and VFA concentrations, respectively, in monitoring wells within Primary Source Rock over the last decade compared to Site-wide injection events, denoted by vertical black lines. At most wells, TOC and VFA concentrations generally increased after injection events, followed by a decrease in concentration consistent with consumption of amendment after the injections. Following the optimized injection approach first used in 2023, TOC and VFA concentrations increased markedly to levels considered

[16] Geochemical conditions favorable to reductive dechlorination are based on the EPA paper entitled Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water, Wiedemeier, et. al., 1998.

conducive to EBD. In late-2024 and early 2025, concentrations have stabilized or decreased, particularly at locations downgradient of the D-line, which resulted in IBM proceeding with an additional EBD injection in August 2025. The results from this second injection event were not considered herein but will be reported to NYSDEC in forthcoming reports.

Exhibit 3-9: Long-term TOC concentrations at monitoring wells within Primary Source Rock

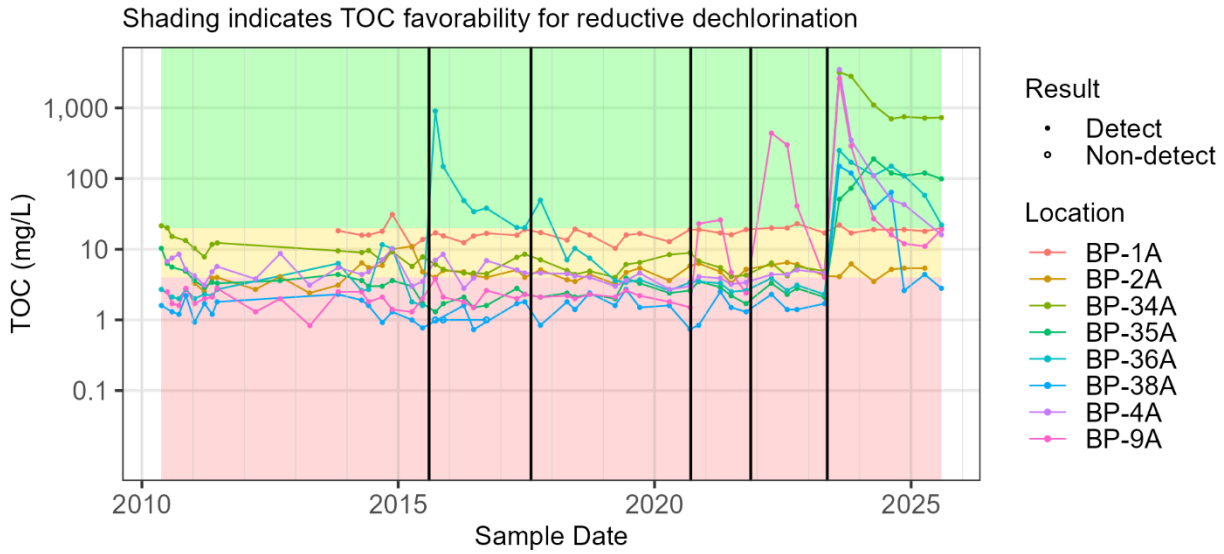
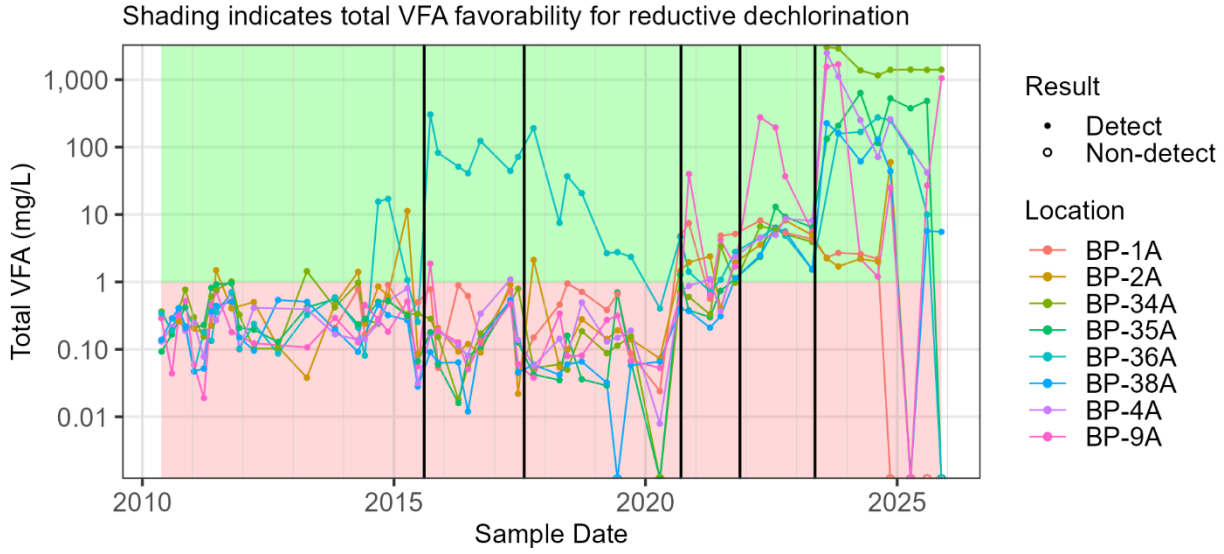


Exhibit 3-10: Long-term total VFA concentrations at monitoring wells within Primary Source Rock



Other Geochemical Parameters

Other water quality field and lab parameters, including ORP, DO, and concentrations of certain metals and cations have been used to assess the redox conditions. Assessment of Site redox conditions is evaluated by inferring ORP isopleths, with thresholds of less than -100 millivolts (mV) indicative of conditions most favorable to reductive dechlorination, and less than 50 mV indicative of conditions moderately favorable to reductive dechlorination.

As of August 2025, ORP values less than 50 mV are present across much of Primary Source Rock (Figure 3). The area understood to be most conducive to reductive dechlorination (ORP less than -100 mV) has remained generally consistent over the last decade, with the most favorable conditions downgradient of the D-line near the Site boundary and along most of the A- and IB-injection lines and portions of the C-line.

DO concentrations and pH within Primary Source Rock are generally within the range of values most conducive to reductive dechlorination and acceptable to microbial populations, with DO concentrations less than or equal to 2 mg/L and pH in the range of 6.0 to 8.0 standard units (s.u.) (Appendix Figures F.6 through F.10). In August 2025, DO in injections wells averaged 0.4 mg/L, with a Site-wide average of 1.9 mg/L.

Overall, geochemical conditions conducive to reductive dechlorination have been established and maintained over Primary Source Rock, and these conditions have been maintained between injection events.

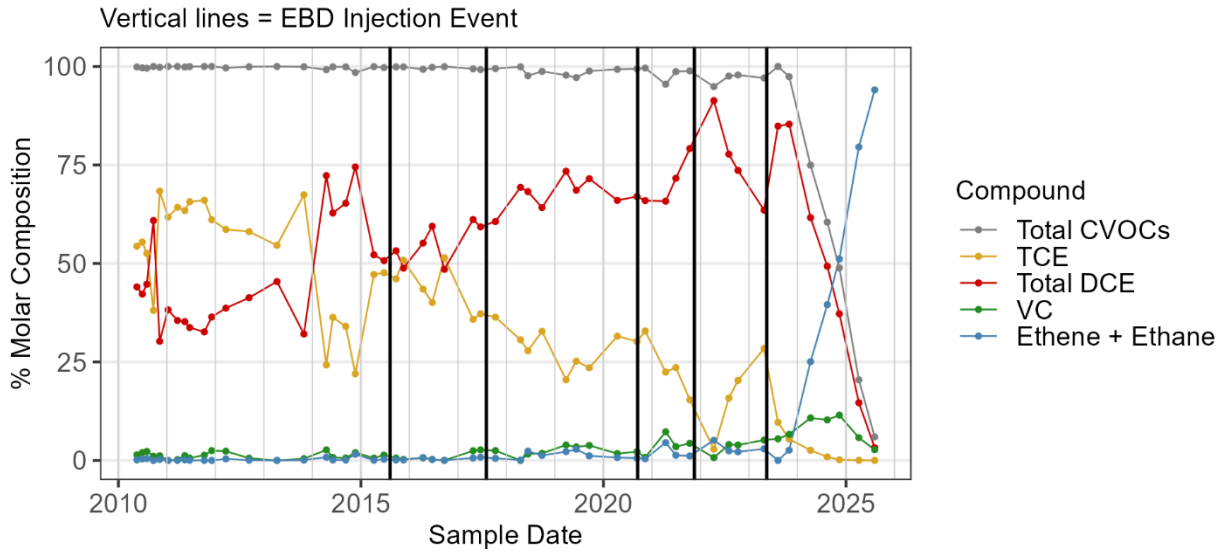
3.2.2.2 Other Evidence of Reductive Dechlorination

In addition to reductions in TCE concentrations in groundwater (the primary line of evidence), increasing concentrations of breakdown products (cDCE, VC), and the presence of terminal breakdown products ethene and ethane, serve as a secondary line of evidence that reductive dechlorination is occurring. Degradational changes in CVOC levels are best represented as molar fraction compositions, presented graphically as “pie” charts on Figure 3 and Appendix Figures F.1 through F.5, and as time series charts in Appendix B.

A comparison of molar concentrations from pre-remedy groundwater conditions from September 2014 (Appendix Figure F.1) versus current conditions from August 2025 (Figure 3) shows substantial improvement in reducing parent TCE concentrations and distribution across Primary Source Rock. Increasing primary (cDCE) and secondary (VC) daughter products and the presence of terminal breakdown products (ethene and ethane) are also observed across much of Primary Source Rock, particularly at and downgradient of the B-, C-, and D-lines of injection wells, while total CVOC concentrations are generally decreasing.

Exhibit 3-11 below presents the percent molar composition of TCE and its degradation products over time at BP-34A, a key monitoring well within Primary Source Rock where parent TCE concentrations were historically elevated. As shown by the negative slope of TCE concentrations and the minimal rebound in TCE concentrations between injections, parent TCE concentrations are steadily decreasing, and EBD is persistent between injection events rather than episodic. In addition, increasing daughter (cDCE and VC) and end products (ethene/ethane), together with decreasing TCE, indicate biogeochemical conditions support complete reductive dechlorination. The molar composition of CVOCs at other monitoring and injection locations can be found in Appendix B.

Exhibit 3-11: BP-34A Percent molar composition time series plot



Overall, geochemical conditions and molar distributions of CVOCs suggest EBD injections, and in particular, the improvement of the EBD approach in 2023, are achieving the performance objectives of maintaining EBD throughout and downgradient of Primary Source Rock.

3.2.3 Tertiary Lines of Evidence

3.2.3.1 Microbial Assessment

Microbial/qPCR census data have been collected to assess the presence of *dehalococcoides* (DHC) populations and their associated genes known to be responsible for biodegradation of TCE, DCE, and VC. As discussed in the 2020 Periodic Review Report[17], IBM elected to conduct qPCR analysis of samples collected at locations along a longitudinal transect down the center of Primary Source Rock and downgradient of the Site boundary. Graphical summaries of qPCR results since 2020 are presented in Figures F.11 through F.13. Generally, DHC concentrations conducive to reductive dechlorination are present at the Site. In August 2025, two sampled locations (among 16) indicated detected concentrations of DHC less than what is considered conducive (greater than 10 cells/mL).

Additionally, the functional genes associated with the reductive dechlorination pathway are present across the Site. While the VC-specific functional gene was not detected in any samples in August 2025, the DCE and VC functional gene was detected at 15 of 16 sampled locations. In general, the presence of DHC microbial populations and their functional genes provide another supporting line of evidence that reductive dechlorination of each compound is occurring across the Site, indicating that EBD injections are meeting the performance objective of maintaining EBD throughout and downgradient of Primary Source Rock.

[17] Sanborn, Head Engineering, P.C., *2020 Periodic Review Report, IBM Gun Club – Former Burn Pit Area, Union, New York, BCP Agreement #C704044.* January 2021.

3.3 Summary of Remedy Performance

Primary, secondary, and tertiary lines of evidence presented herein support the conclusion that the EBD remedy is meeting the performance objectives and long-term measures of success established in the SMP. EBD is successfully managing migration of groundwater contamination and resulting in sustained reductions in VOC concentrations and plume footprint under biogeochemical conditions favorable to reductive dechlorination. The EBD remedy, particularly following improvements, has been effective at enhancing attenuation processes such that the rate of back-diffusion from residual sorbed VOC mass in Primary Source Rock into the mobile groundwater within fractures is less than the rate of in-situ treatment of VOCs. If this was not the case, the VOC concentrations and plume footprint would be stable or increasing. Instead, the EBD remedy is resulting in substantial reductions in VOC concentrations and plume footprint in on- and off-Site groundwater.

Importantly, historical off-Site TCE exceedances of the GWQS observed during pre-remedy conditions have decreased and remained less than applicable standards since 2024, except at a few monitoring wells located immediately off-Site within Primary Source Rock, and at BP-30A, located approximately 300 ft downgradient of the Site. No exceedances of VOC concentrations greater than their respective GWQS have been observed at groundwater seeps/discharge points, meaning that potential exposure risk from dermal contact with groundwater/seep water is controlled.

In 2022 through 2023, IBM optimized the EBD system because of diminishing returns in improvement in VOC concentrations and mass discharge from repeated injections. As described above, the SMP requires that prior to transitioning to MNA, groundwater concentrations must be asymptotic at an acceptable level over an extend period. Ongoing monitoring and assessment are necessary prior to concluding whether this condition has been met, which IBM intends to continue to evaluate.

4.0 CONCLUSIONS AND RECOMMENDATIONS

This VRRP was undertaken to evaluate the Site's groundwater monitoring data and remedy performance to support possible recommendations for transitioning the groundwater component of the remedy to MNA, and to recommend potential revisions to the SMP.

The current remedy consists of a combination of EBD via injection wells for periodic addition of electron donor amendment, an engineered soil cap, and phytoremediation. This VRRP focused on the effectiveness of EBD for groundwater remediation in connection to pathways for possibly transitioning the remedy to MNA, (further) optimization, or replacement of EBD.

The remedial approach for the Site has been successful in meeting performance objectives, resulting in the protection of human health and the environment. Upgrades to the in-situ injection well layout and injection approach completed in 2023 resulted in improvements to delivery of the amendment used for in-situ treatment and reductions in VOC concentrations. Remediation has resulted in one to three OOM reductions in concentrations in on- and off-Site groundwater, while modest reductions in VOC concentrations sorbed to bedrock have been achieved as expected. In addition, the footprint of groundwater with VOC concentrations greater

than the GWQS has been reduced from a plume that extended up to approximately 1,000 ft off-Site to a condition where concentrations off-Site are less than applicable GWQS (apart from a few wells immediately downgradient of the Site boundary).

The SMP provides a framework for remedial decisions when contaminant concentrations remain greater than GWQS. In the event that there are diminishing returns from repeated injections, and/or when groundwater concentrations have become asymptotic at an acceptable level over an extended period, the SMP provides a pathway to transition the Site to MNA. If these conditions are not apparent, then the SMP requires either continuing with the existing remedy or examining whether the remedial approach could be further optimized or supplemented with other approaches, as appropriate.

Before the next PRR, we recommend taking the steps needed to evaluate transitioning the Site to MNA and/or further supplementing the existing EBD system. Additional assessment may be performed to evaluate the potential rebound of VOC concentrations if injections are discontinued, with particular attention to concentration trends at off-site groundwater seep locations to ensure continued protection of human health and the environment via this potential exposure pathway identified in the RI.

Recommendations for either transitioning to MNA, or continuing with EBD with or without further enhancement, will be presented in the PRR. Based on the current triennial PRR submission schedule, the next PRR is due to the Agencies in January 2027 to cover the 2023 to 2026 remedy period. Based on the outcome of the remedy transition/enhancement evaluation, updates to the SMP may be necessary to align performance objectives and goals with the proposed remediation approach.

While the next steps in the remedy assessment will guide potential changes to the SMP, potential revisions to the SMP may include the following:

- Re-establishing performance metrics to be aligned with the potential future transition to MNA.
- Confirmation of lack of risks / exposure via the groundwater seep pathway.
- Updating and streamlining the performance monitoring requirements based on results and decisions on the remedy.
- Updating the SMP to incorporate the current injection well network and approach.
- Discontinuing the assessment of tree mortality and replacing this current SMP requirement with more broadly defined performance criteria based on the combination of the low permeability cap and phytoremediation to address potential exposure to groundwater emanating from downgradient seeps, as approved by NYSDEC following the 2021 Optimization Report.

Figures

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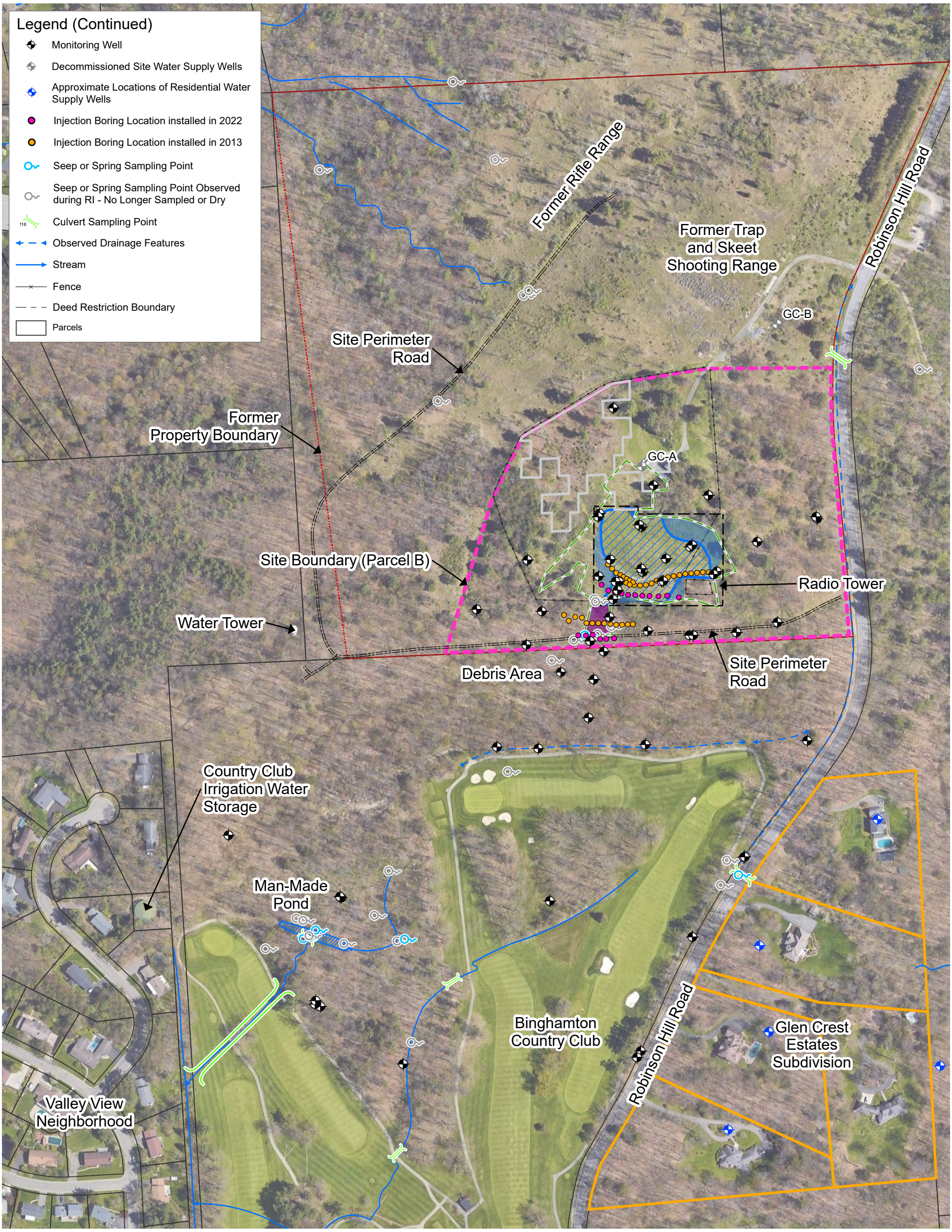

Legend

- Property Served by Private Water Supply Well
- Track 4 Surficial Soil Remedy Area - two feet of Soil Fill Cap meeting soils standards for residential use (Residential Soil Cleanup Objectives or SCO)
- Approximate limit of soil cap extension - resulting from proposed final grading of imported soils
- Approximate limit of additional fill required for filling topographic depression
- Surveyed limits of soil removed conducted under Interim Remedial Measure (IRM) in May 2012 to meeting residential SCO
- Approximate limits of tree planting

N W E S

125 62.5 0 125 250 Feet

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Figure Narrative

This figure shows the approximate locations of Site features and off-Site features, including potential receptors, associated with the IBM Gun Club Former Burn Pit Area and the investigative area. This figure supplements Sections 2.0 and 3.0 of the report text.

Notes

1. Aerial imagery provided by Google Earth Pro.(May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

2. The locations of seeps, springs, and culverts are based on field surveys by Butler Land Surveying, LLC of Little Meadows, PA between 2006 and 2022.

Figure 1

On-Site and Off-Site Features

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area
Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

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Last Edited By: hlapointe

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Figure 2

Injection and Monitoring Location Plan

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figures shows the locations of injection borings and wells, monitoring wells, multi-level monitoring systems (ORP sensors), and surface water sampling points (seeps, culverts) where depth to water is measured and water quality samples may be collected for analytical laboratory testing as part of routine and performance monitoring programs.

Notes

1. Aerial imagery provided by Google Earth Pro.(May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

2. The locations of seeps, springs, and culverts are based on field surveys by Butler Land Surveying, LLC of Little Meadows, PA between 2006 and 2022.

Legend

- Monitoring Well
- Approximate Locations of Residential Water Supply Wells
- Injection Boring Location installed in 2022
- Injection Boring Location installed in 2013
- Active-Distributed Temperature Sensing Location
- ORP Sensor Location
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Culvert Sampling Point
- Observed Drainage Features (Arrows indicate flow direction)
- Stream
- Fence
- Site Perimeter Road
- Site Boundary (Parcel B)
- Former Property Boundary
- Man-Made Pond

Feet: 120 60 0 120 240

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Figure 3

August 2025 On-Site Groundwater Quality Conditions

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area

Union, New York

Drawn By:	M. Gurav
Designed By:	E. Bosse
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows groundwater quality data and inference based on monitoring conducted August 2025.

The groundwater data for site key VOCs including TCE, *cis*-1,2-DCE, vinyl chloride, and ethane/ethene from water table monitoring wells are presented as pie diagrams. The wedges of each pie diagram represent concentrations of the four compounds expressed in micromoles per liter (µmol/L). The relative diameter of each pie diagram varies based on the sum of the above-described CVOCs and ethene/ethane at each location.

The inferred oxidation reduction potential (ORP) inferences are based on ORP measurements collected during groundwater sampling. In general, ORP readings less than 50 mV are considered favorable to reductive dichlorination of CVOCs.

Legend

- Injection Boring
- Monitoring Well
- Surface Water Sampling Point
- BP-34A 8,800 — Well Name and August 2025 Total VOCs Concentrations in Groundwater (µg/L)
- Inferred Groundwater Contour August 2025
- Inferred ORP Readings <-100 mV
- Inferred ORP Readings <50 mV
- Former Property Boundary
- >1 mg/kg Total CVOCs / >10 mg/kg Total CVOCs — Primary Source Zone in Rock
- Total Chlorinated VOC and Ethane/Ethene Concentration in Groundwater (µmol/L): < 0.1; >0.1 to 1; >1 to 10; >10 to 100; >100
- Parent VOC (Trichloroethene)
- Primary Daughter Product (*cis*-1,2-DCE)
- Secondary Daughter Product (Vinyl Chloride)
- Terminal Breakdown Products (Ethane, Ethene)

Feet: 40 20 0 40 80

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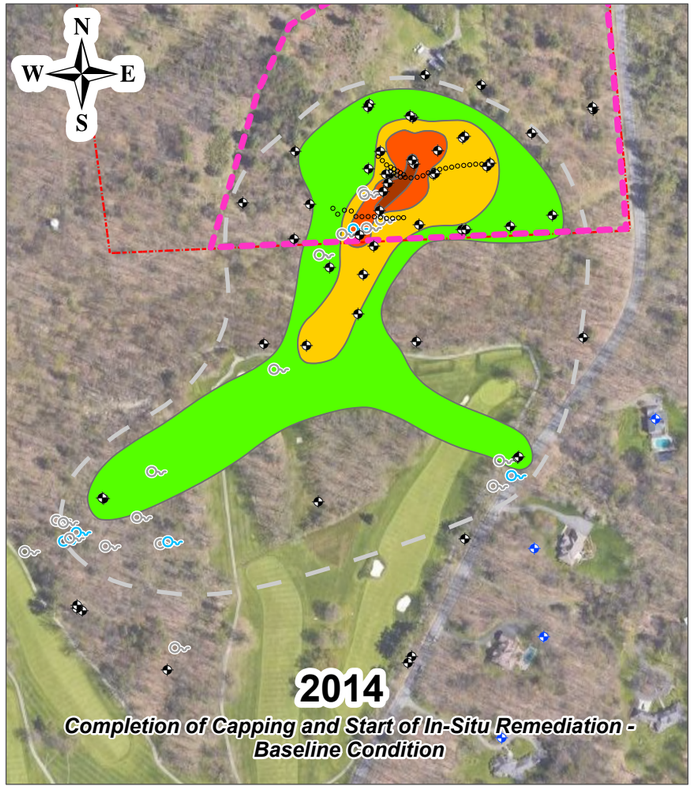
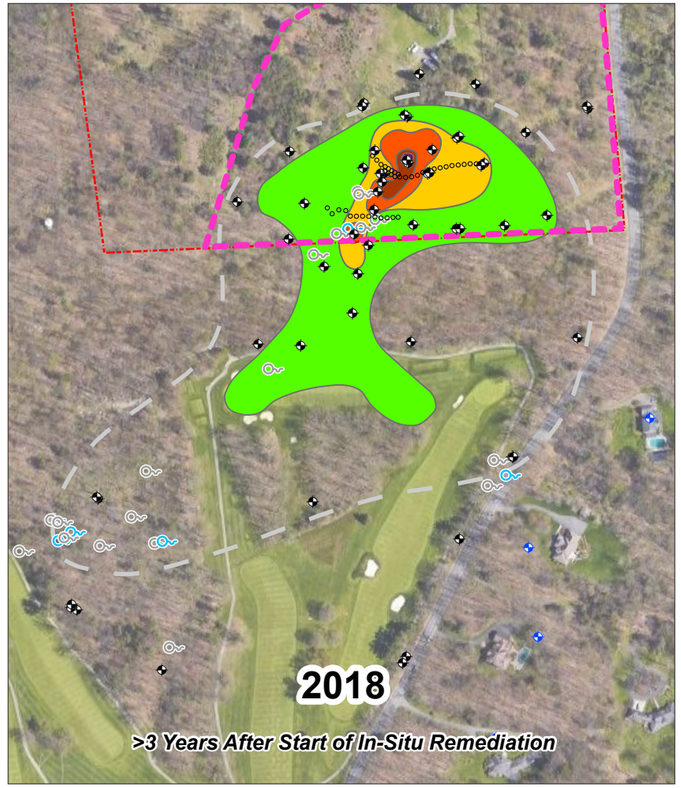
Last Edited By: hlapointe
Path: P:\3500\3526.02\Graphics Files\GIS\Figures\202601 10 YR Review Report\GWQ.aprx

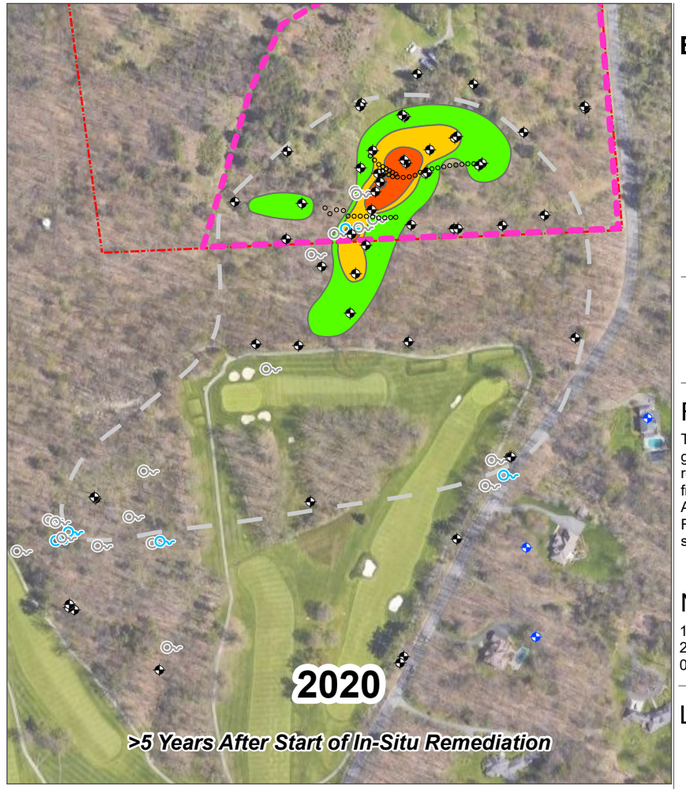
© 2026 Sanborn, Head Engineering & Geology, P.C.

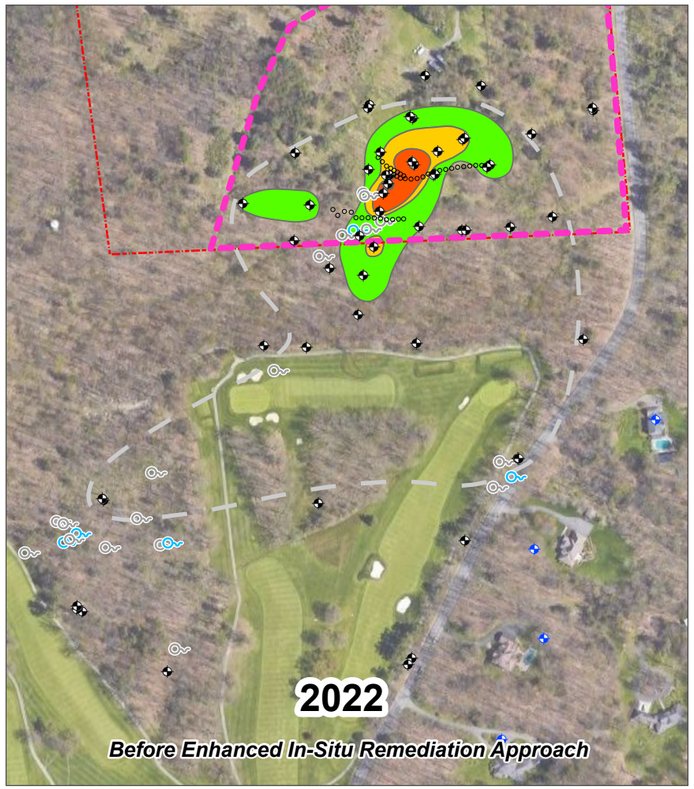
Last Edited By: mgurav

Path: P:\3500s\3526.02\Graphics Files\GIS\Figures\202601 10 YR Review Report\TCE.aprx Fig 3 - Evolution of TCE in GW









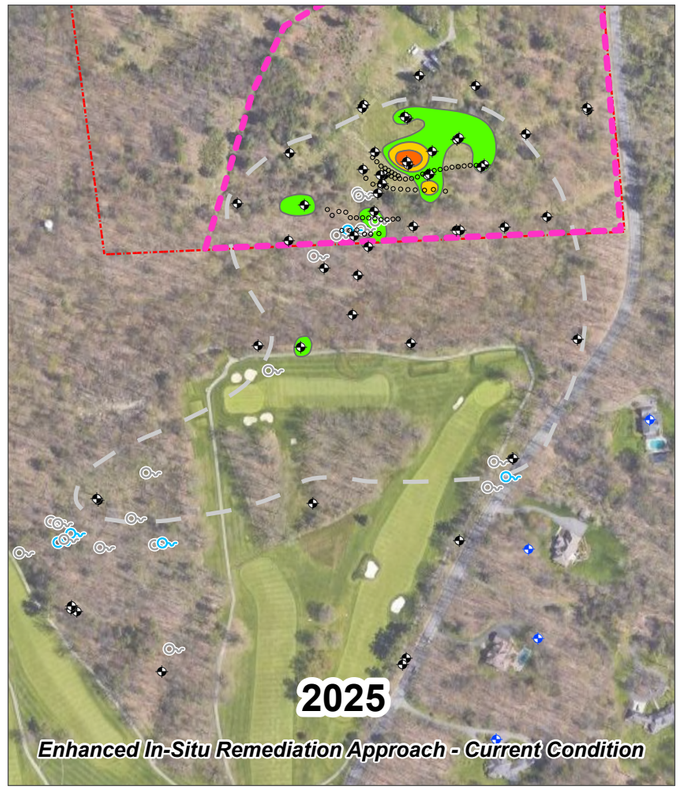


Figure 4

Evolution of TCE Distribution in Groundwater 2014 - 2025

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the inferred distribution of TCE in groundwater located above the aquitard relative to key remediation milestones. Annual monitoring sample rounds from September 2014, June 2018, September 2020, August 2022, and August 2025 are shown. Refer to Figures E.1 through E.5 for individual figures of these sample rounds and TCE concentrations.

Notes

1. Aerial imagery provided by Google Earth Pro.(May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Sample Date	Plume Area (ft^2)	Total Dissolved Mass (lb)
Sept. 2014	494,115	0.29
June 2018	353,402	1.00
Sept. 2020	140,842	0.18
Aug. 2022	127,518	0.13
Aug. 2025	51,136	0.02

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Injection Boring / Well Location
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

Inferred TCE Distribution in Groundwater (µg/L)
(Dashed contour includes seep TCE concentrations)

- >0.5 - 5
- >5 - 50
- >50 - 500
- >500 - 5,000
- >5,000 - 50,000
- >50,000

200 100 0 200 400 Feet

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Last Edited By: hlapointe

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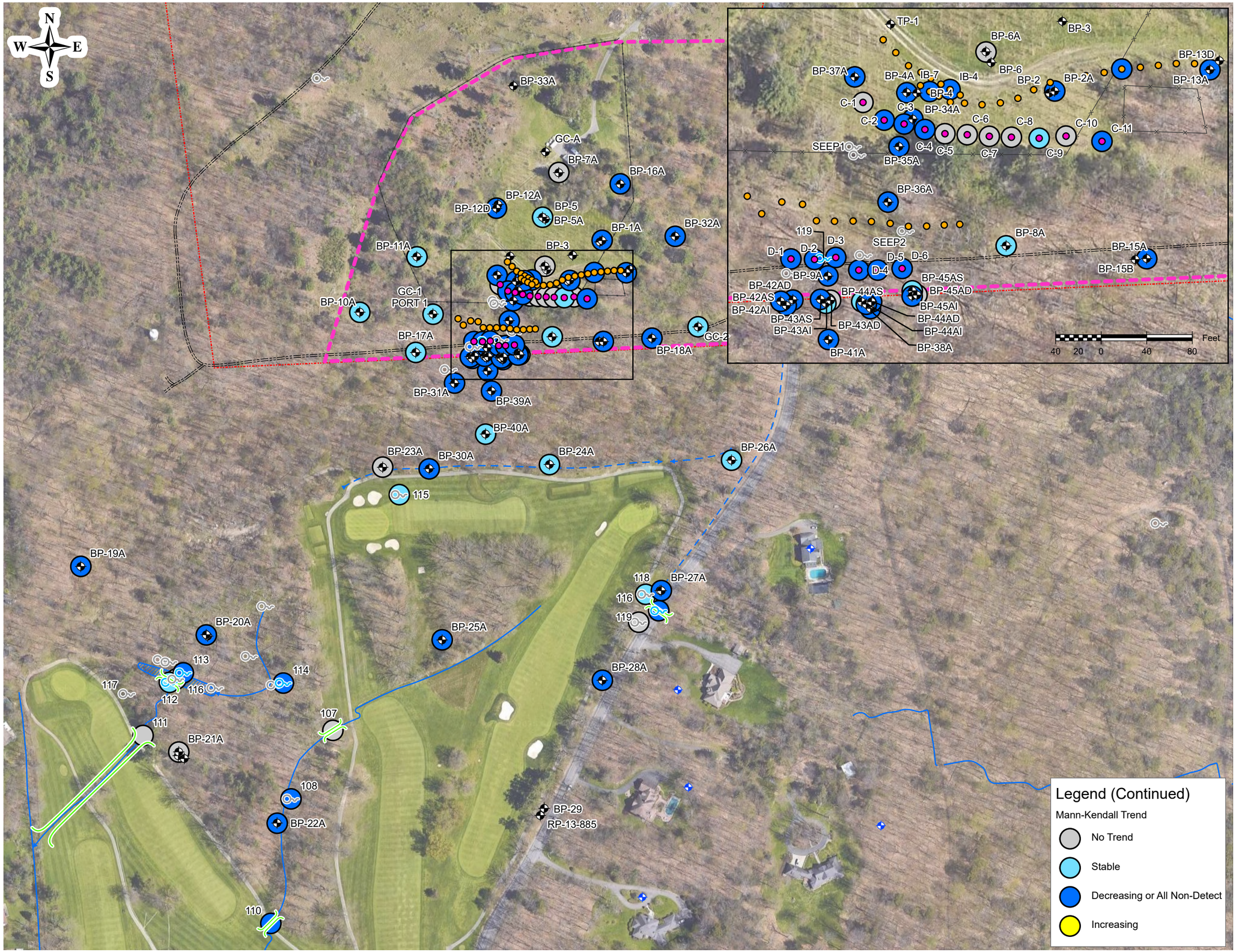

Figure 5

TCE Concentration Trends in Groundwater

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure depicts the long-term trends (increasing, stable, decreasing, or no trend) of the Mann-Kendall trend test for TCE concentrations in groundwater within the shallow aquifer (at monitoring locations above the aquitard) using all available historical data (pre-2010) through August 2025.

Notes

1. Aerial imagery provided by Google Earth Pro.(May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

2. The locations of seeps, springs, and culverts are based on field surveys by Butler Land Surveying, LLC of Little Meadows, PA between 2006 and 2022.

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Injection Boring Location installed in 2022
- Injection Boring Location installed in 2013
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- 118 Culvert Sampling Point
- Observed Drainage Features (Arrows indicate flow direction)
- Stream
- Fence
- Site Perimeter Road
- Site Boundary (Parcel B)
- Former Property Boundary
- Man-Made Pond

120 60 0 120 240 Feet

Legend (Continued)

Mann-Kendall Trend

- No Trend
- Stable
- Decreasing or All Non-Detect
- Increasing

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Appendix A

Statement of Limitations

APPENDIX A
STATEMENT OF LIMITATIONS

1. The conclusions and recommendations described in this report are based in part on the data obtained from a limited number of soil samples from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further investigation is initiated. If variations or other latent conditions then appear evident, it will be necessary to re-evaluate the recommendations of this report.
2. The generalized soil and bedrock profile described in the text is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized and have been developed by interpretations of widely spaced explorations and samples; actual soil transitions are probably more gradual. For specific information, refer to the exploration logs.
3. Water level measurements have been made in the observation wells at times and under conditions stated within the text of the report and indicated on the exploration logs and in the report. Note that fluctuations in the level of the groundwater may occur due to variations in rainfall and other factors not evident at the time measurements were made.
4. Quantitative laboratory analyses were performed as part of the investigation as noted within the report. The analyses were performed for specific parameters that were selected during the course of this study. It must be noted that additional compounds not searched for during the current study may be present in soil and groundwater at the site. Sanborn Head has relied upon the data provided by the analytical laboratory, and has not conducted an independent evaluation of the reliability of these data. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their distribution within the groundwater and soil may occur due to the passage of time, seasonal water table fluctuations, recharge events, and other factors.
5. The conclusions and recommendations contained in this report are based in part upon various types of chemical data. While Sanborn Head has reviewed that data and information as stated in this report, any of Sanborn Head's interpretations, conclusions, and recommendations that have relied on that information will be contingent on its validity. Should additional chemical data, historical information, or hydrogeologic information become available in the future, such information should be reviewed by Sanborn Head and the interpretations, conclusions and recommendations presented herein should be modified accordingly.
6. This report has been prepared for the exclusive use of International Business Machines in accordance with generally accepted hydrogeologic practices. No other warranty, express or implied, is made.
7. The analyses and recommendations contained in this report are based on the data obtained from the referenced subsurface explorations. The explorations indicate subsurface conditions only at the specific locations and times, and only to the depths penetrated. They do not necessarily reflect strata variations that may exist between such locations. The validity of the recommendations is based in part on assumptions Sanborn Head has made about conditions at the site. Such assumptions may be confirmed only

during remediation. If subsurface conditions different from those described become evident, the recommendations in this report must be re-evaluated.

8. In the event that any changes in the nature, design, or location of the facilities are planned, the conclusions and recommendations contained in this report should not be considered valid unless the changes are reviewed, and conclusions of this report modified or verified in writing by Sanborn Head. Sanborn Head is not responsible for any claims, damages, or liability associated with interpretation of subsurface data or re-use of the subsurface data or engineering analyses without the express written authorization of Sanborn Head.

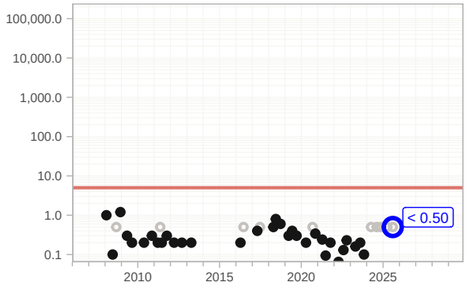
Appendix B

Time Series Charts of Select Analytes and Mann-Kendall Trend Results

111 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

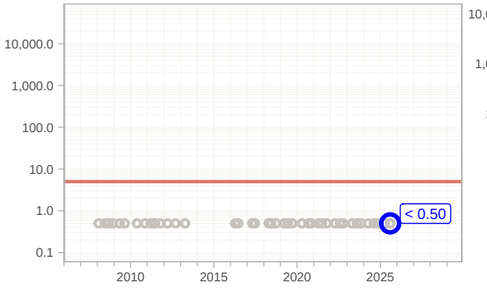
NYS GWQS = 5 ug/L



All | N = 42; ND = 10; %ND = 23.8; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

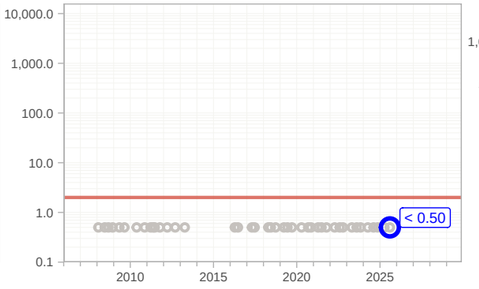
NYS GWQS = 5 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

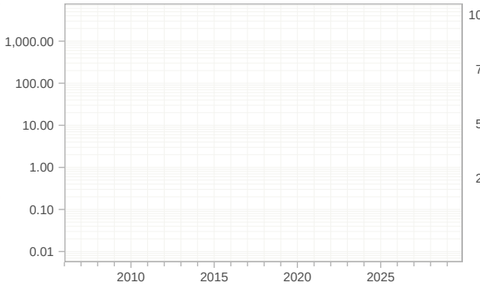
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



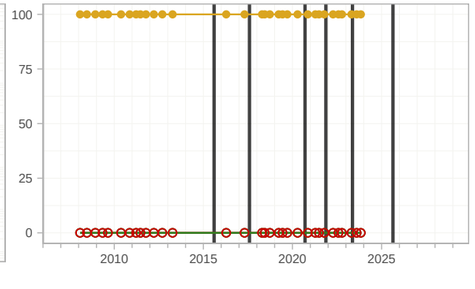
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Ethane + Ethene



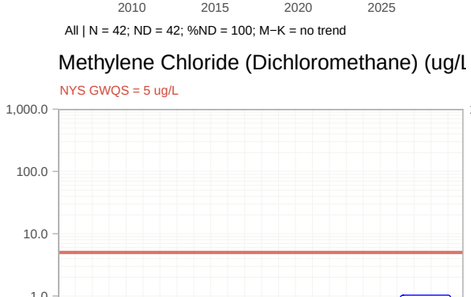
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

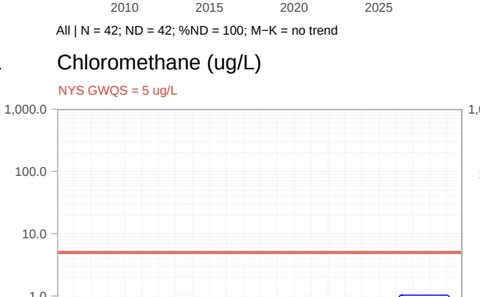
NYS GWQS = 5 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

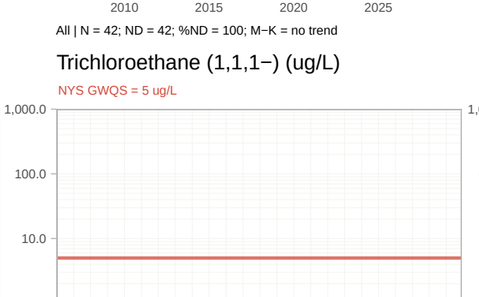
NYS GWQS = 5 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

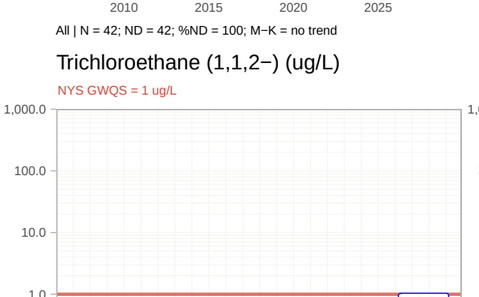
NYS GWQS = 5 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

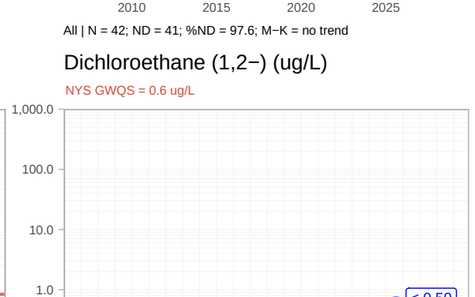
NYS GWQS = 5 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

NYS GWQS = 7 ug/L



All | N = 42; ND = 41; %ND = 97.6; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

NYS GWQS = 5 ug/L

All | N = 42; ND = 41; %ND = 97.6; M−K = no trend

Chloromethane (ug/L)

NYS GWQS = 5 ug/L

All | N = 42; ND = 42; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

NYS GWQS = 5 ug/L

All | N = 42; ND = 42; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

NYS GWQS = 1 ug/L

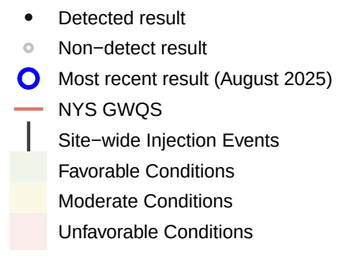
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L

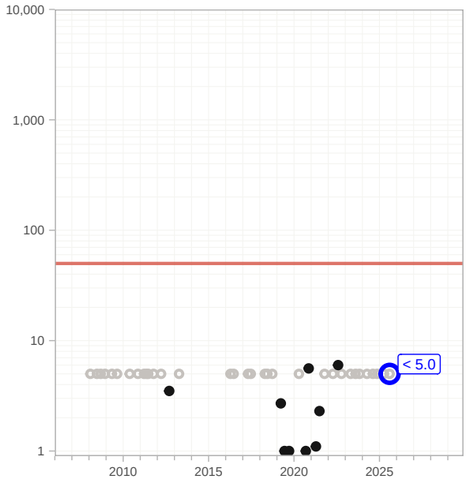
All | N = 42; ND = 41; %ND = 97.6; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



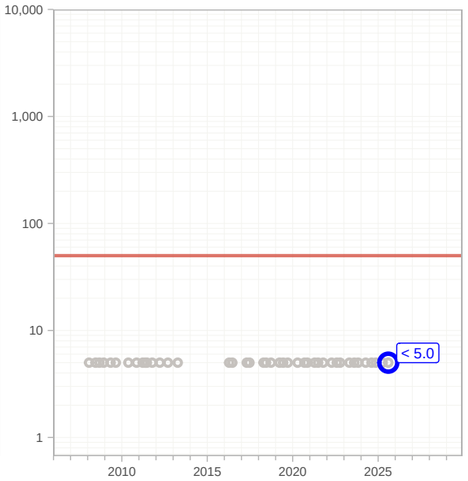
111 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



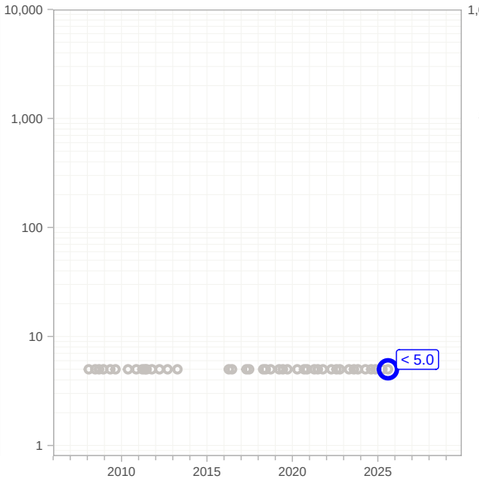
All | N = 42; ND = 33; %ND = 78.6; M−K = no trend

Butanone (2−) (MEK) (ug/L)



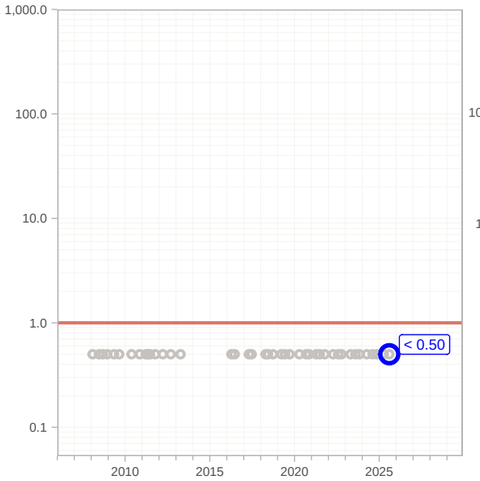
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



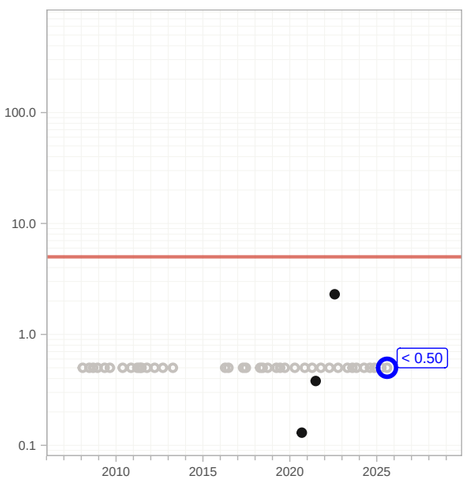
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Benzene (ug/L)



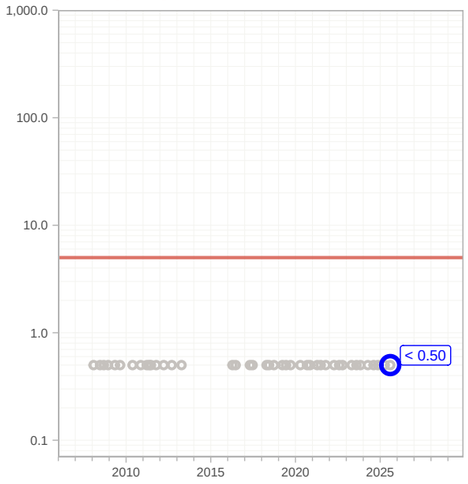
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Toluene (ug/L)



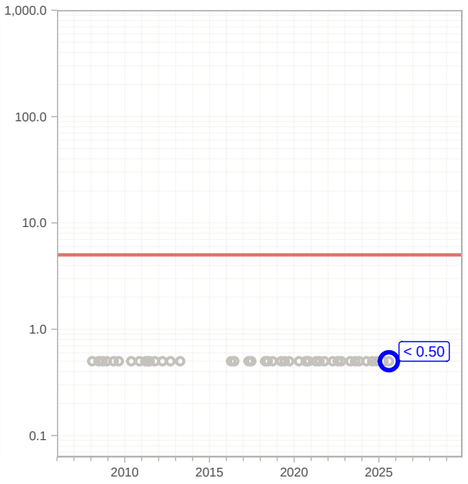
All | N = 42; ND = 39; %ND = 92.9; M−K = no trend

Ethylbenzene (ug/L)



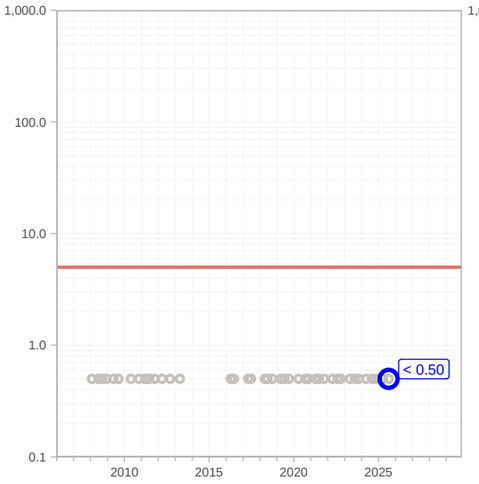
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



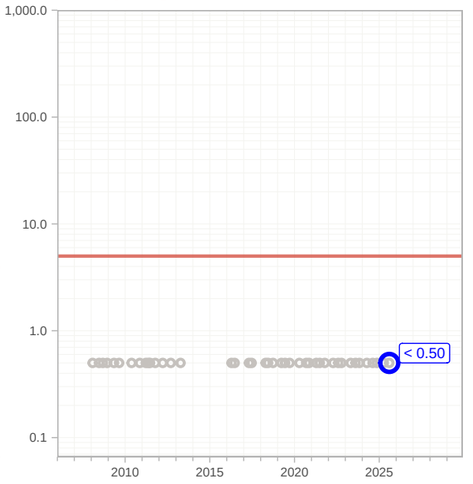
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

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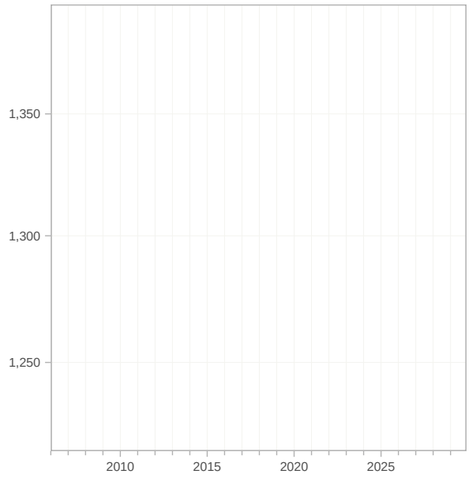
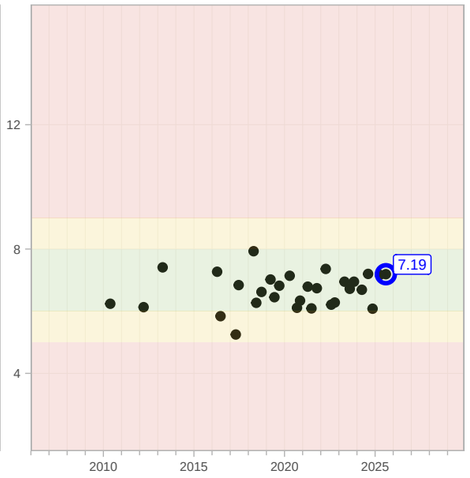
Groundwater Elevation



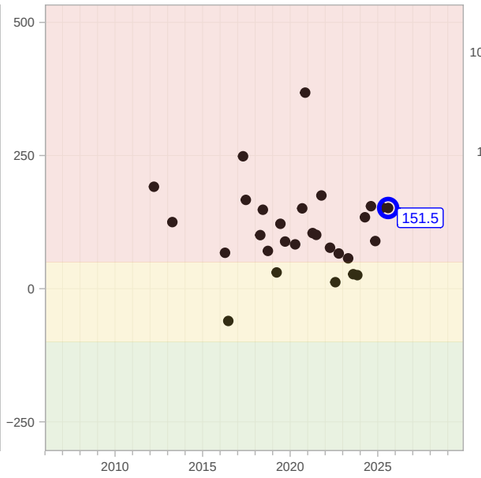
No Data

pH (SU)



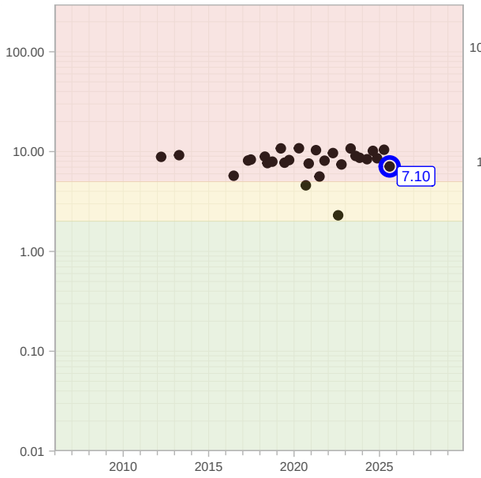
All | N = 30; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



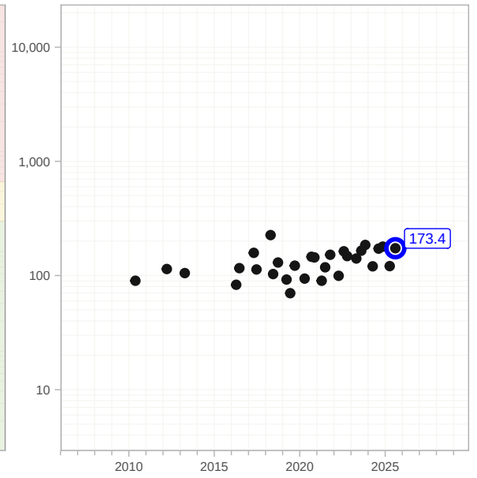
All | N = 29; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



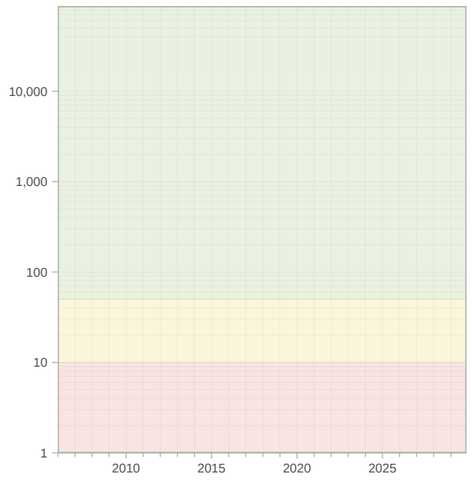
All | N = 28; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



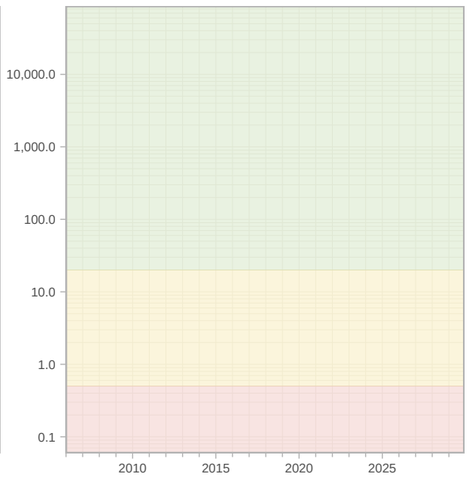
All | N = 30; ND = 0; %ND = 0; M−K = strong increasing

Sulfide



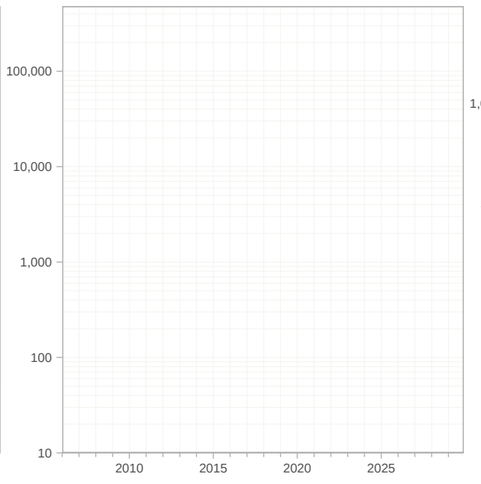
No Data

Methane



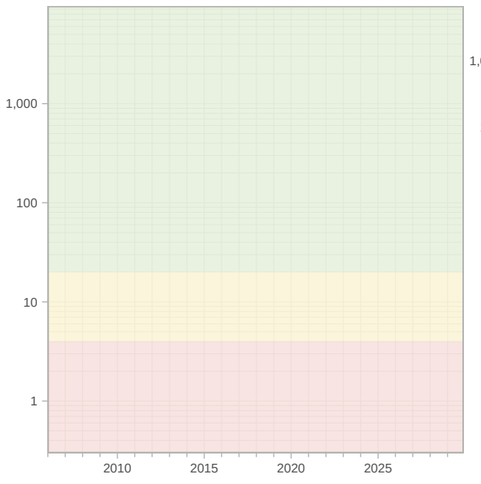
No Data

Iron − Ferrous



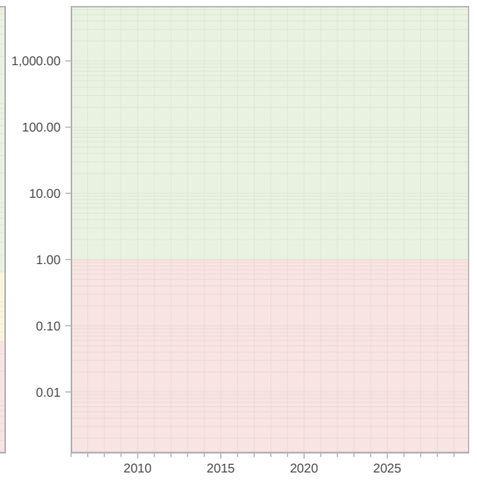
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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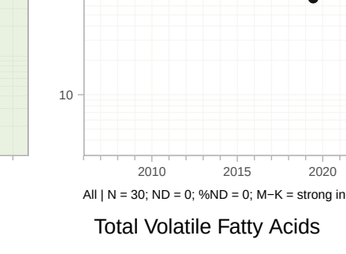
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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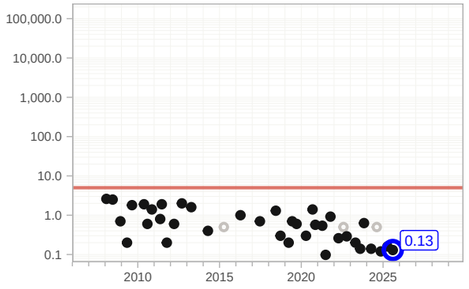
Trichloroethene (TCE) (ug/L)

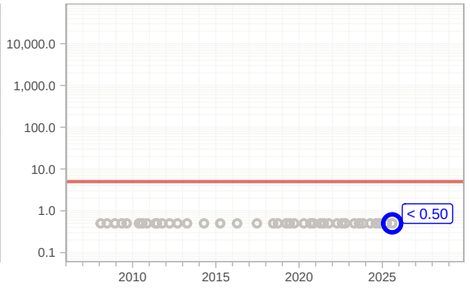
NYS GWQS = 5 ug/L



All | N = 40; ND = 3; %ND = 7.5; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

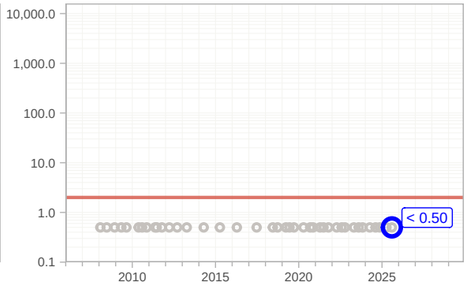
NYS GWQS = 5 ug/L



All | N = 40; ND = 40; %ND = 100; M−K = no trend

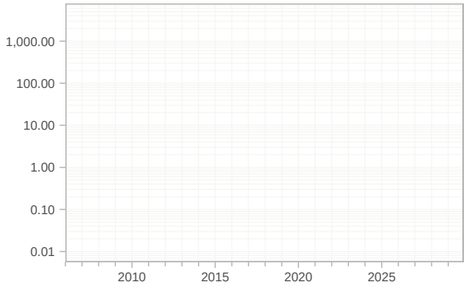
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



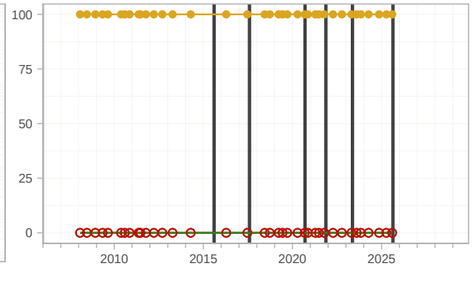
All | N = 40; ND = 40; %ND = 100; M−K = no trend

Ethane + Ethene



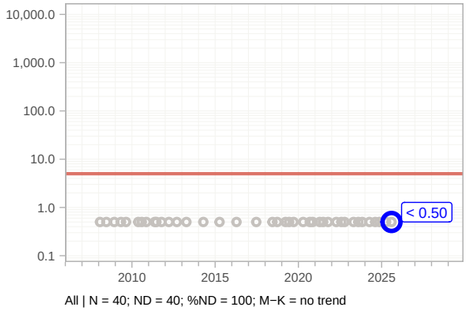
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

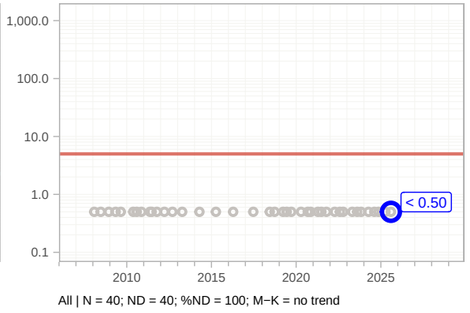
NYS GWQS = 5 ug/L



All | N = 40; ND = 40; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

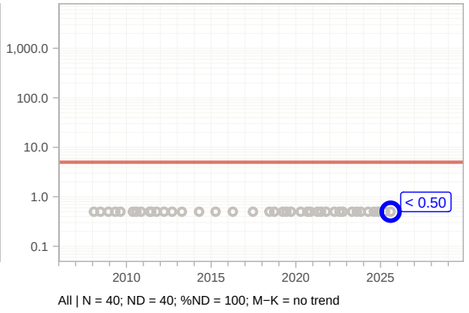
NYS GWQS = 5 ug/L



All | N = 40; ND = 40; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

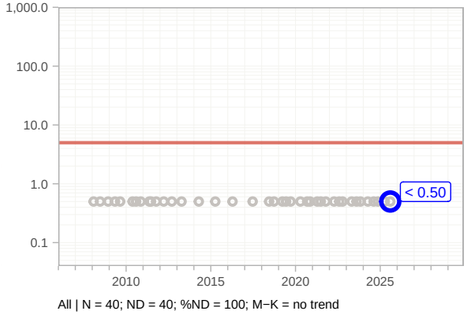
NYS GWQS = 5 ug/L



All | N = 40; ND = 40; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

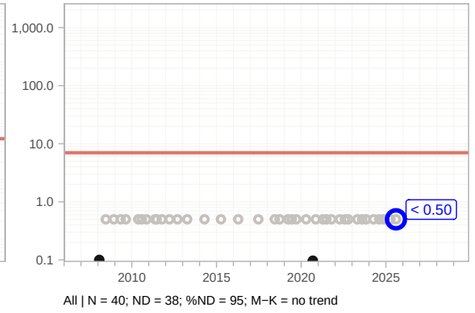
NYS GWQS = 5 ug/L



All | N = 40; ND = 40; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

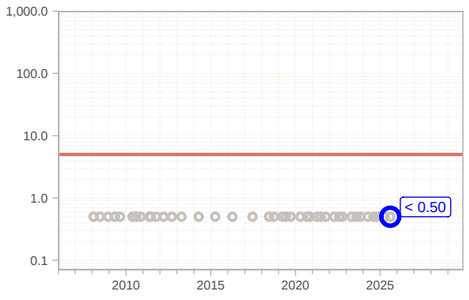
NYS GWQS = 7 ug/L



All | N = 40; ND = 38; %ND = 95; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

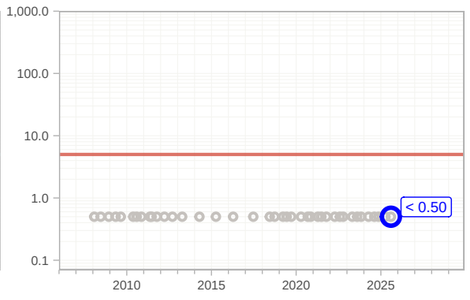
NYS GWQS = 5 ug/L



All | N = 40; ND = 40; %ND = 100; M−K = no trend

Chloromethane (ug/L)

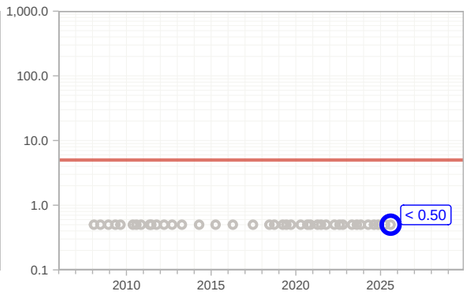
NYS GWQS = 5 ug/L



All | N = 40; ND = 40; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

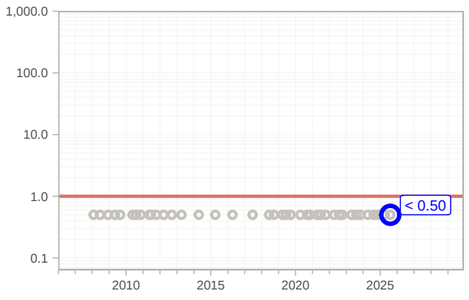
NYS GWQS = 5 ug/L



All | N = 40; ND = 40; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

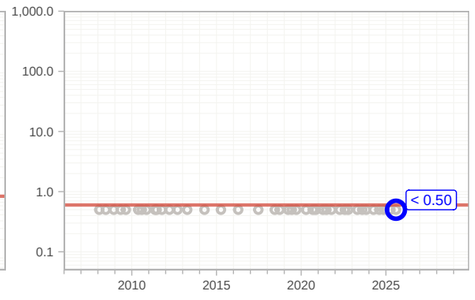
NYS GWQS = 1 ug/L



All | N = 40; ND = 40; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 40; ND = 40; %ND = 100; M−K = no trend

Notes:
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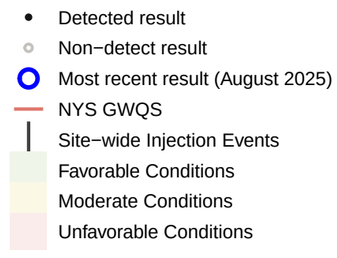

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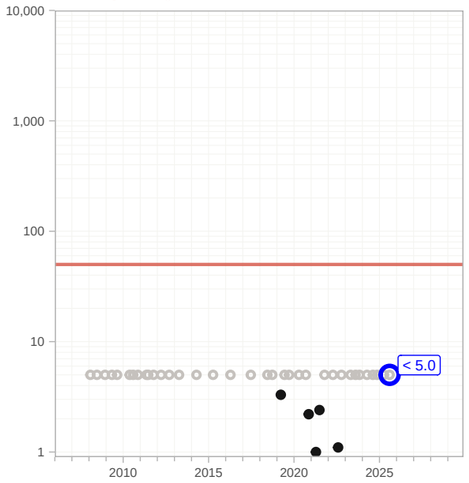
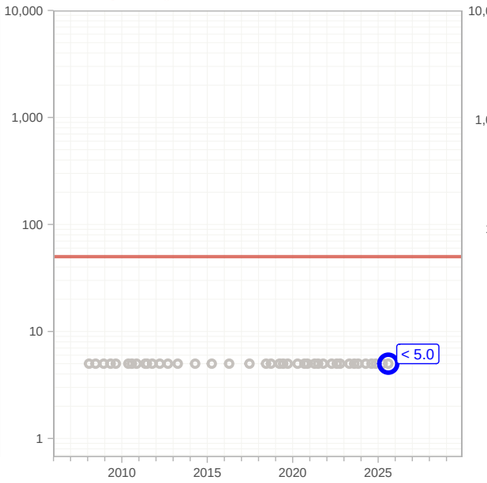
Acetone (ug/L)



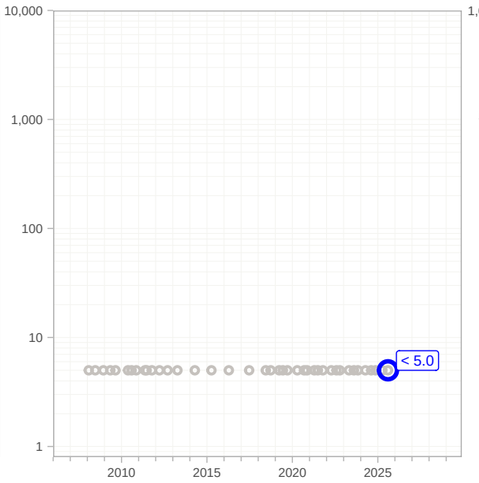
All | N = 40; ND = 35; %ND = 87.5; M−K = no trend

Butanone (2−) (MEK) (ug/L)



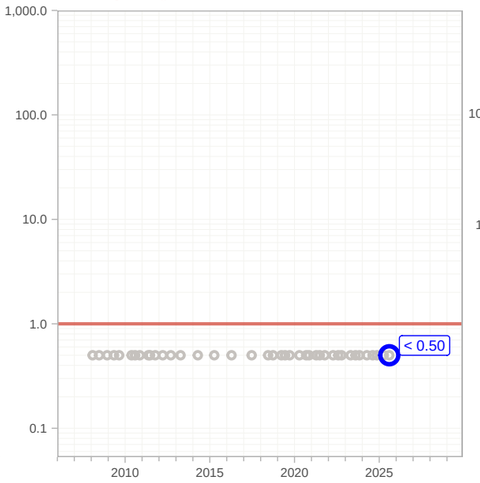
All | N = 40; ND = 40; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



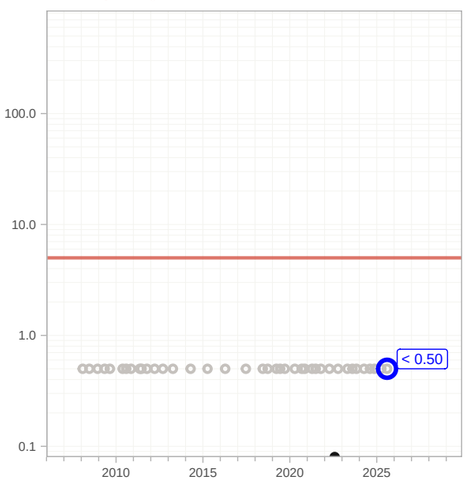
All | N = 40; ND = 40; %ND = 100; M−K = no trend

Benzene (ug/L)



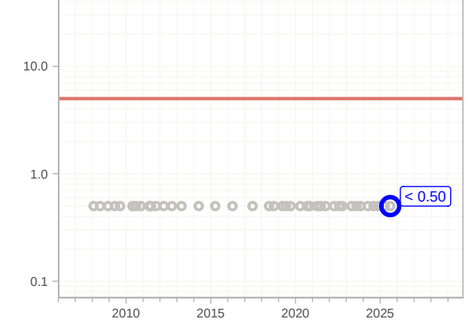
All | N = 40; ND = 40; %ND = 100; M−K = no trend

Toluene (ug/L)



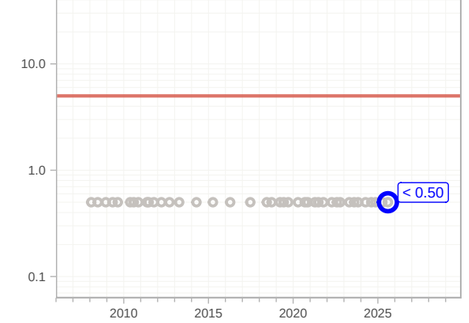
All | N = 40; ND = 39; %ND = 97.5; M−K = no trend

Ethylbenzene (ug/L)



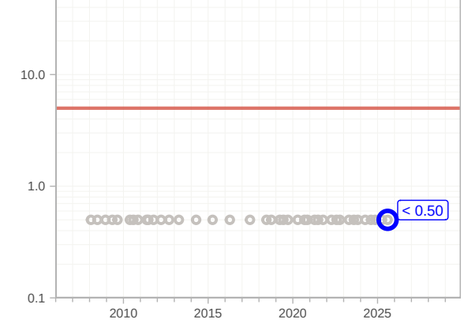
All | N = 40; ND = 40; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



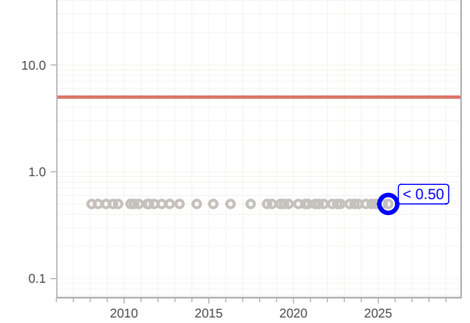
All | N = 40; ND = 40; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



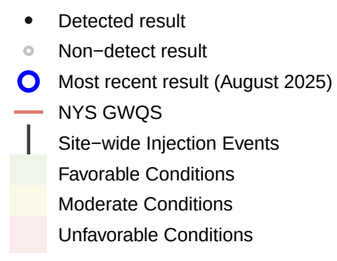
All | N = 40; ND = 40; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 40; ND = 40; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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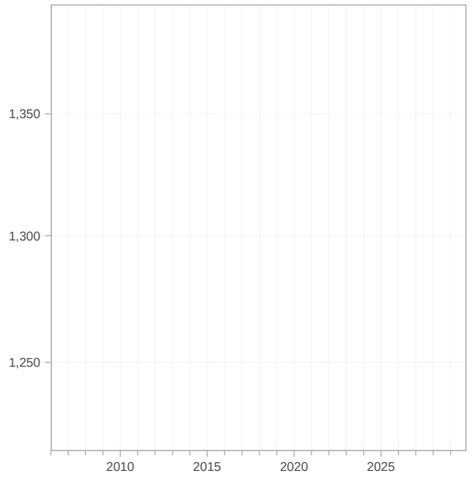
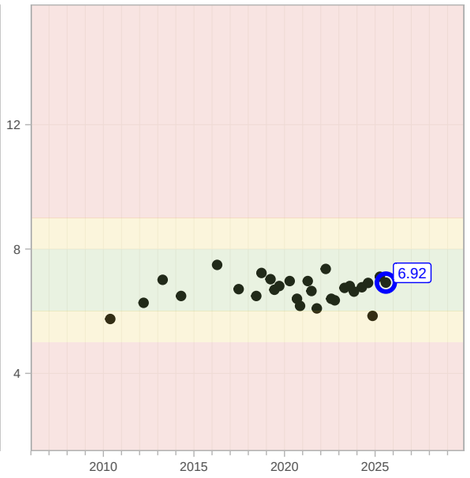
Groundwater Elevation



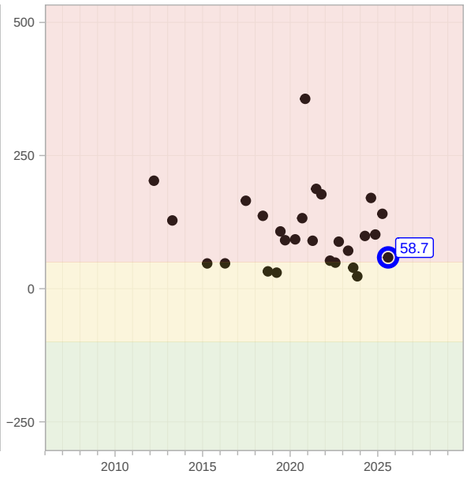
No Data

pH (SU)



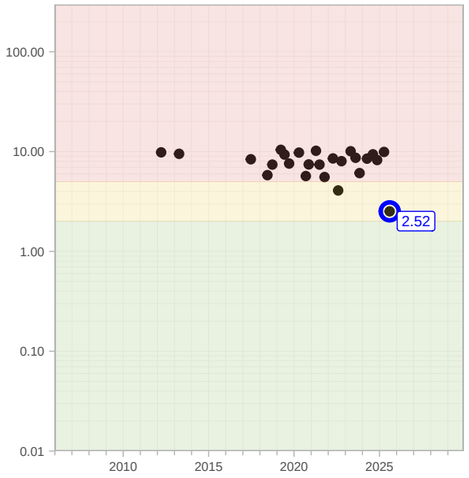
All | N = 28; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



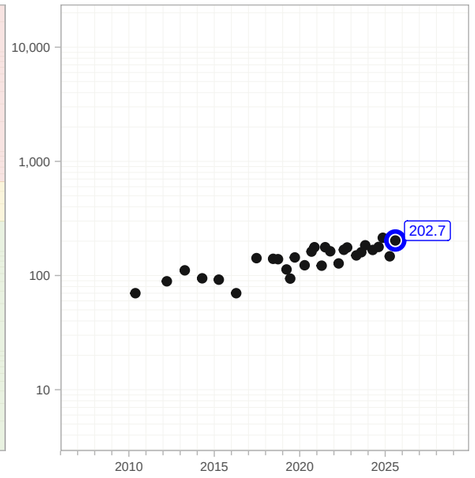
All | N = 27; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



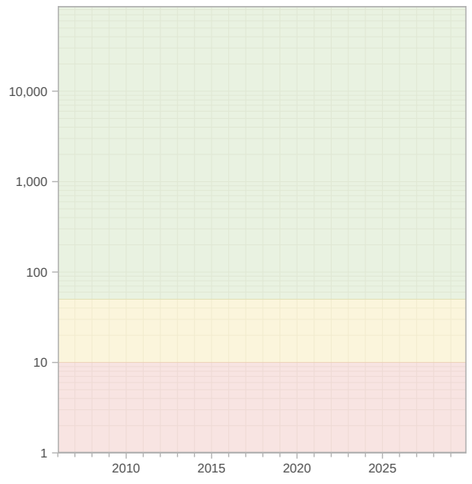
All | N = 25; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



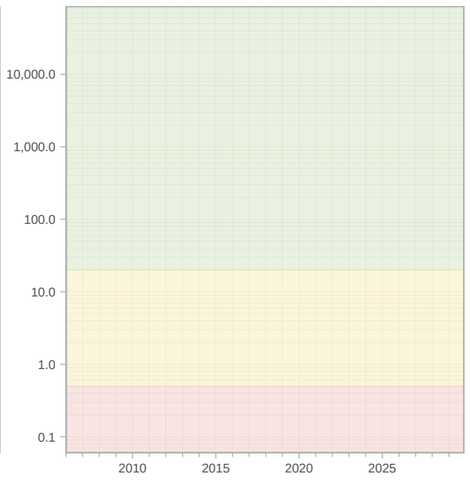
All | N = 29; ND = 0; %ND = 0; M−K = strong increasing

Sulfide



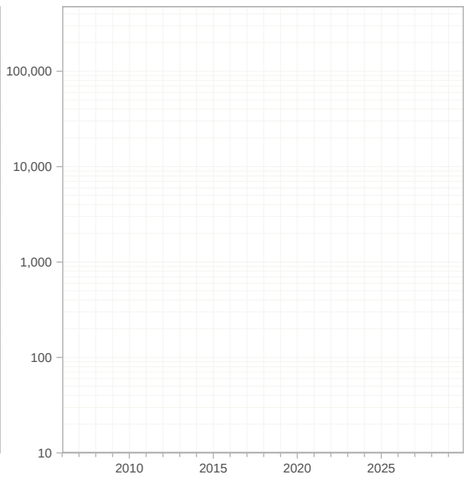
No Data

Methane



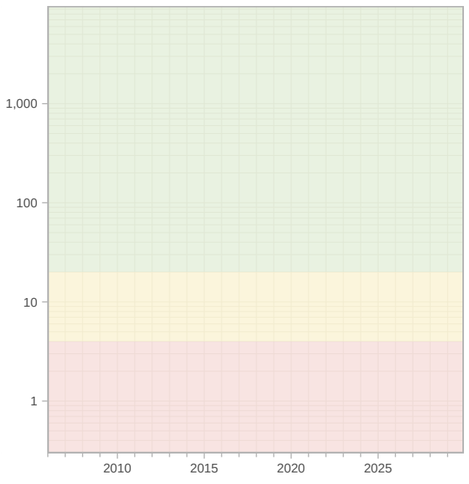
No Data

Iron − Ferrous



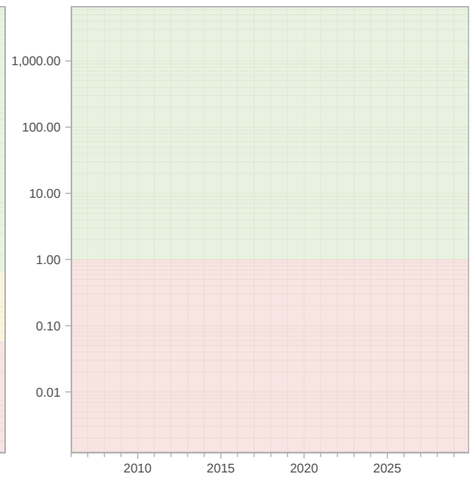
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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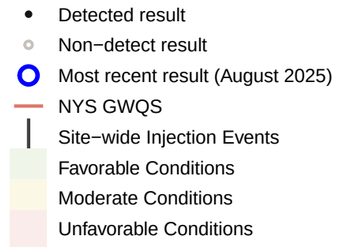

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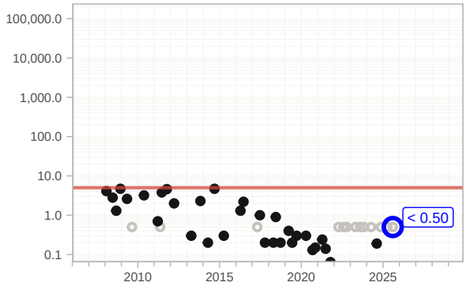
Trichloroethene (TCE) (ug/L)

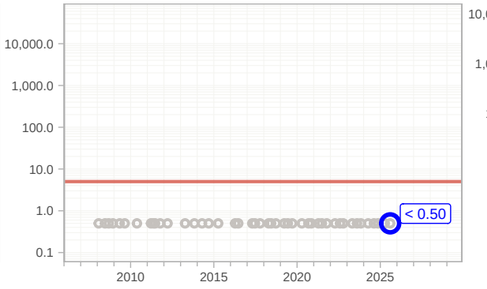
NYS GWQS = 5 ug/L



All | N = 45; ND = 13; %ND = 28.9; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

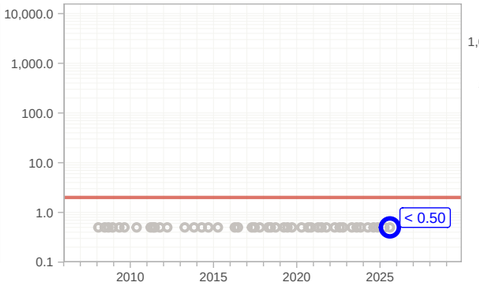
NYS GWQS = 5 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

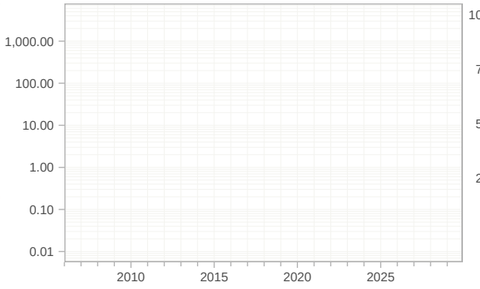
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



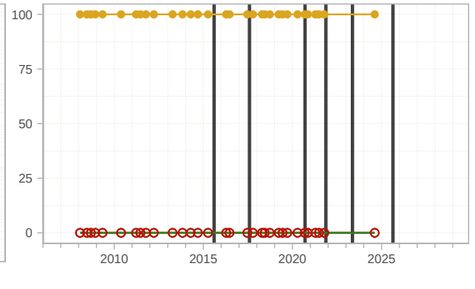
All | N = 45; ND = 45; %ND = 100; M−K = no trend

Ethane + Ethene



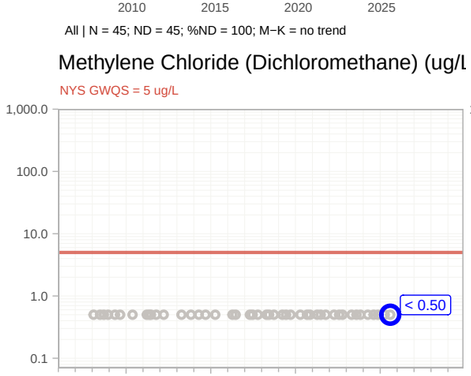
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

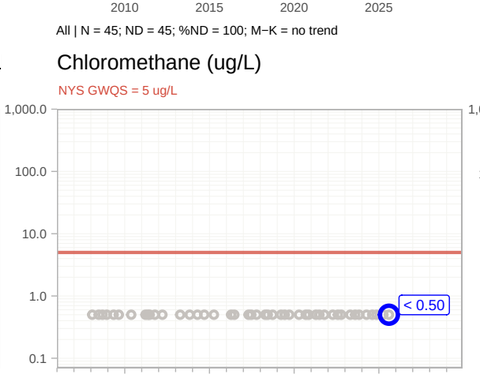
NYS GWQS = 5 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

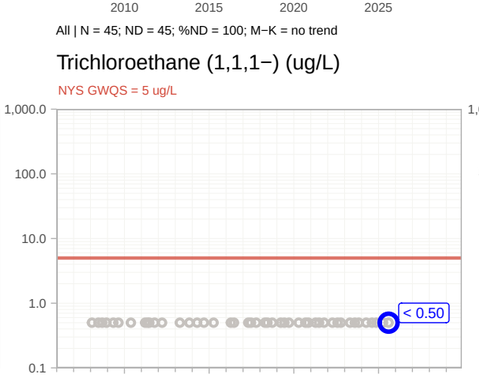
NYS GWQS = 5 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

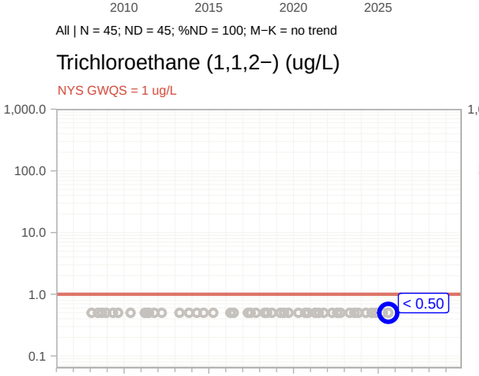
NYS GWQS = 5 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

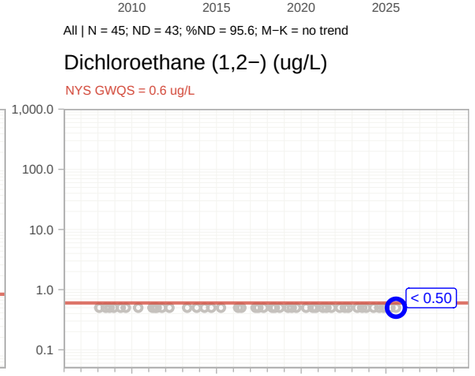
NYS GWQS = 5 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

NYS GWQS = 7 ug/L



All | N = 45; ND = 43; %ND = 95.6; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

NYS GWQS = 5 ug/L

All | N = 45; ND = 45; %ND = 100; M−K = no trend

Chloromethane (ug/L)

NYS GWQS = 5 ug/L

All | N = 45; ND = 45; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

NYS GWQS = 5 ug/L

All | N = 45; ND = 45; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

NYS GWQS = 1 ug/L

All | N = 45; ND = 45; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L

All | N = 45; ND = 45; %ND = 100; M−K = no trend

Notes:
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−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

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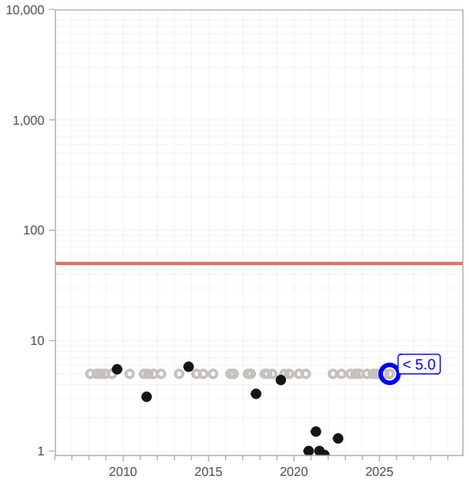
Acetone (ug/L)

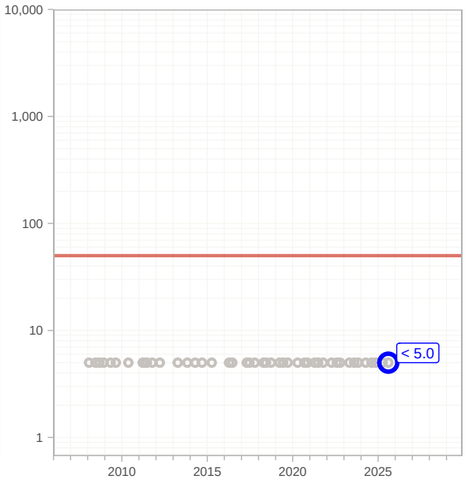
NYS GWQS = 50 ug/L



All | N = 45; ND = 35; %ND = 77.8; M−K = no trend

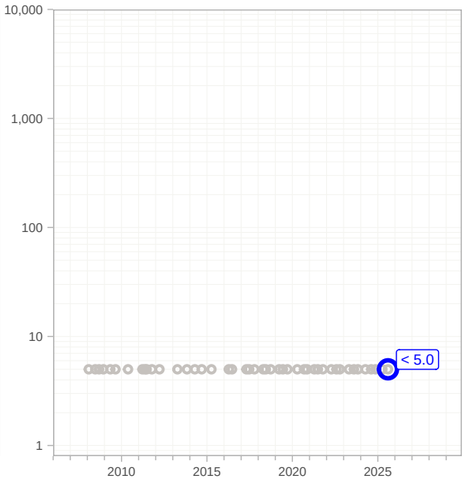
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

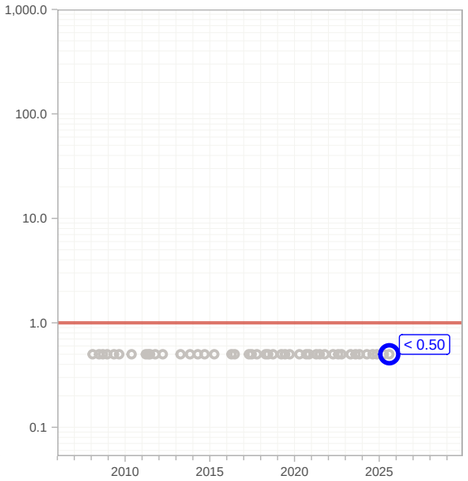
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 45; ND = 45; %ND = 100; M−K = no trend

Benzene (ug/L)

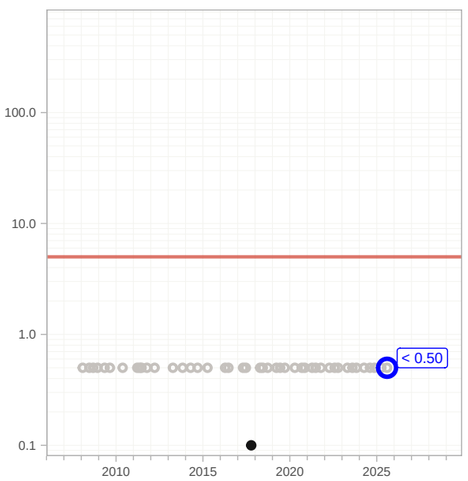
NYS GWQS = 1 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

Toluene (ug/L)

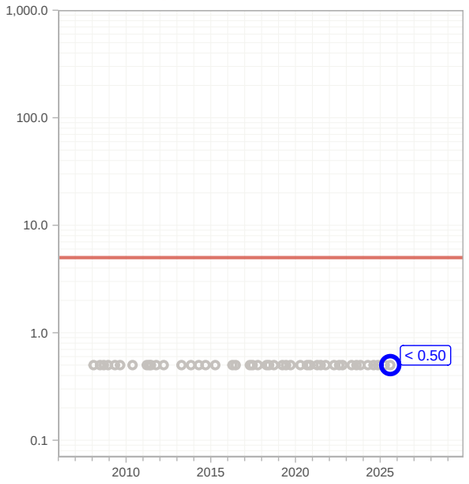
NYS GWQS = 5 ug/L



All | N = 45; ND = 44; %ND = 97.8; M−K = no trend

Ethylbenzene (ug/L)

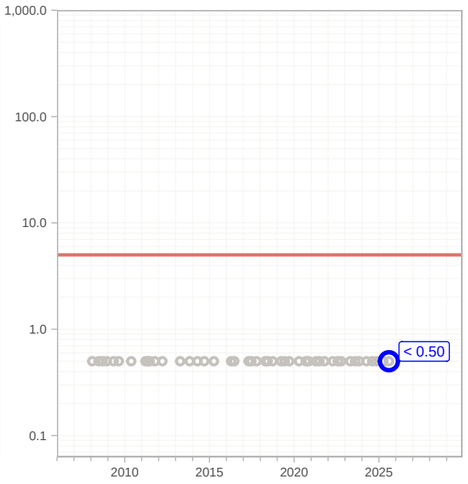
NYS GWQS = 5 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

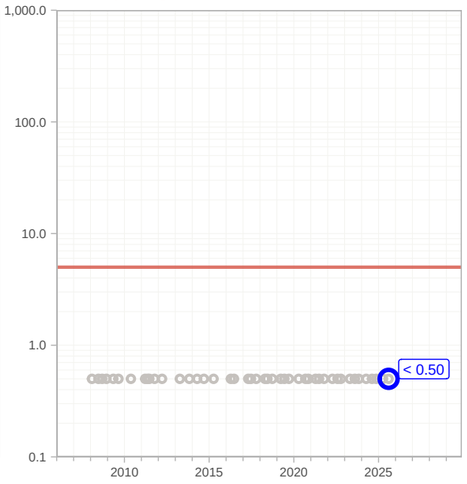
NYS GWQS = 5 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

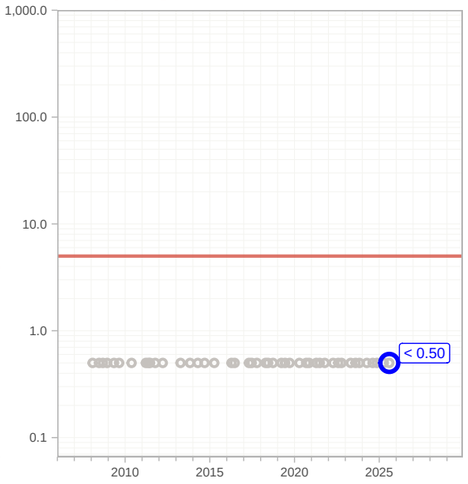
NYS GWQS = 5 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

Notes:
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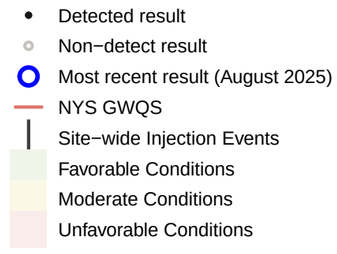

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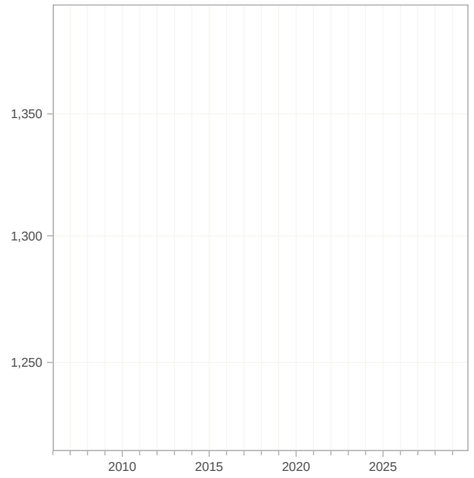
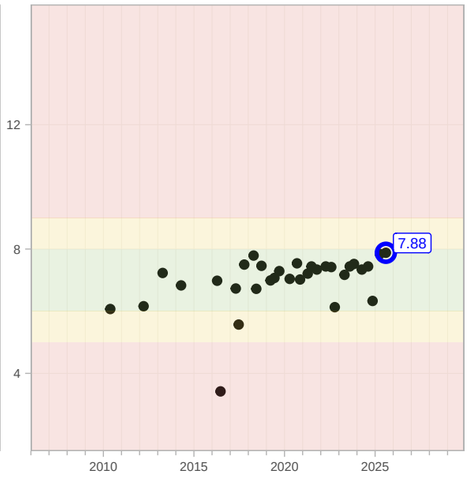
Groundwater Elevation



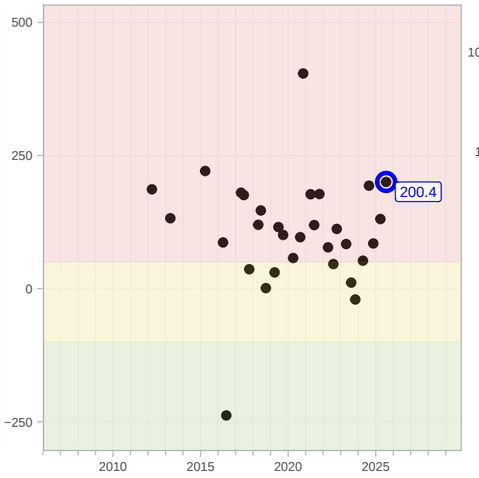
No Data

pH (SU)



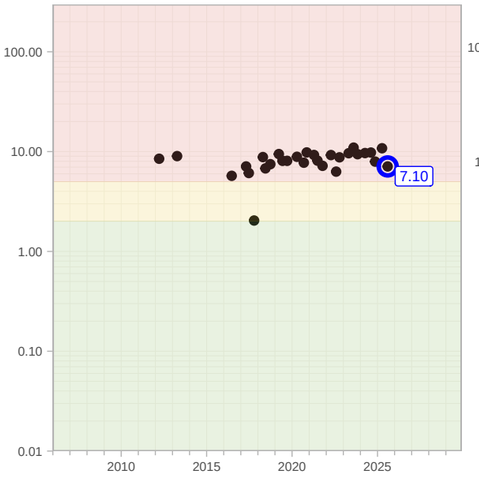
All | N = 32; ND = 0; %ND = 0; M−K = strong increasing

Oxidation/Reduction Potential (mV)



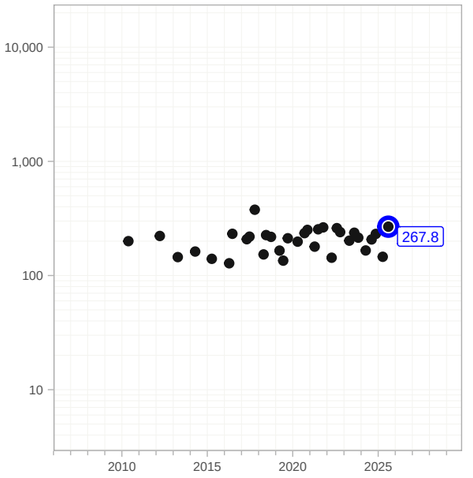
All | N = 31; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



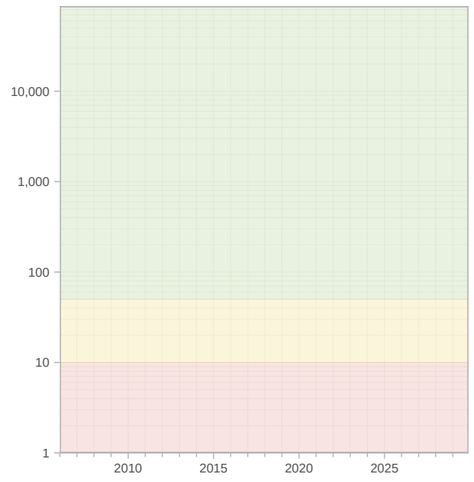
All | N = 29; ND = 0; %ND = 0; M−K = increasing

Specific Conductance (uS/cm)



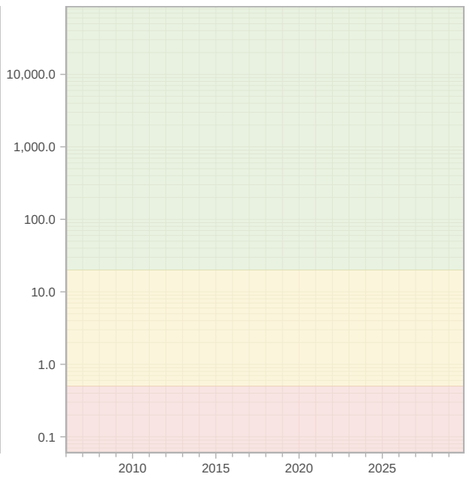
All | N = 33; ND = 0; %ND = 0; M−K = stable

Sulfide



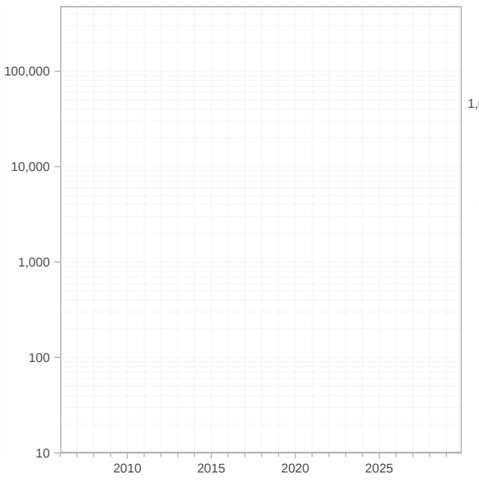
No Data

Methane



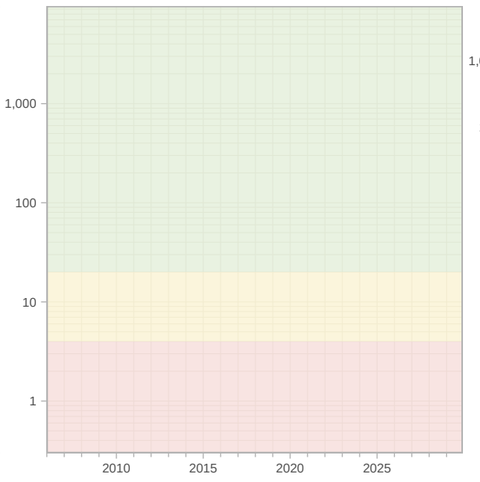
No Data

Iron − Ferrous



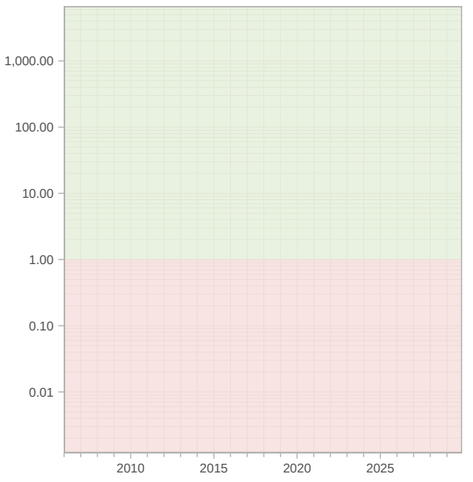
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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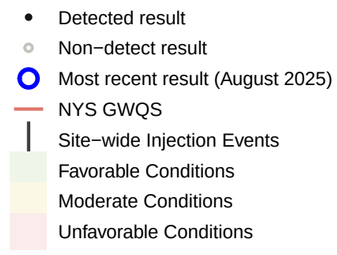

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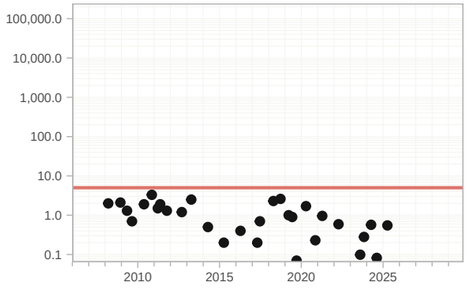
Trichloroethene (TCE) (ug/L)

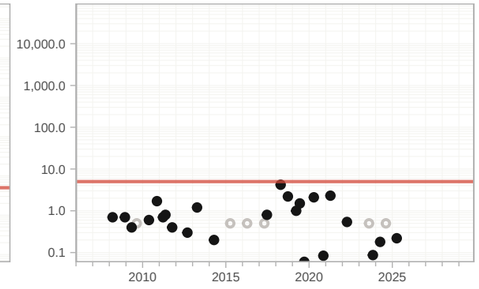
NYS GWQS = 5 ug/L



All | N = 30; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

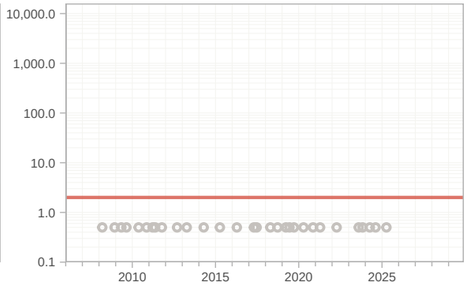
NYS GWQS = 5 ug/L



All | N = 30; ND = 6; %ND = 20; M−K = no trend

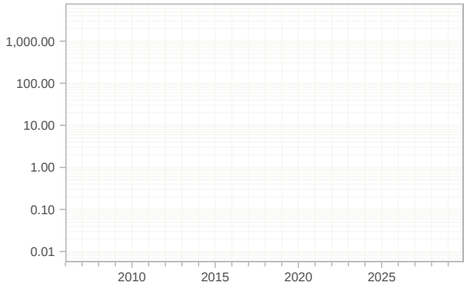
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



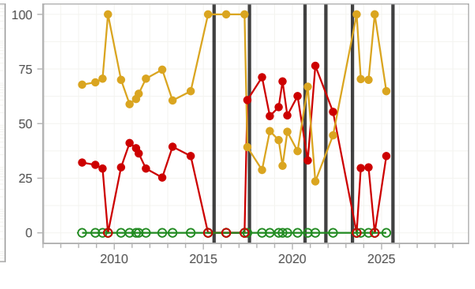
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Ethane + Ethene



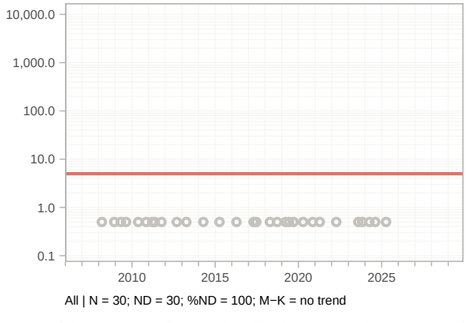
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

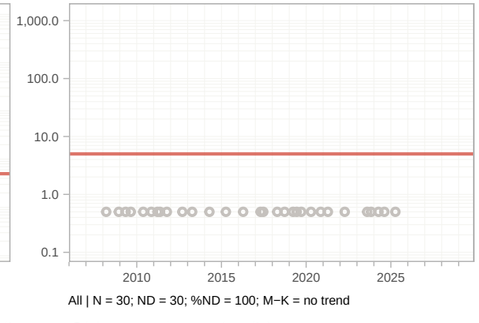
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

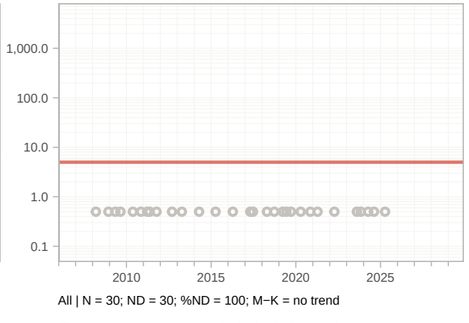
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

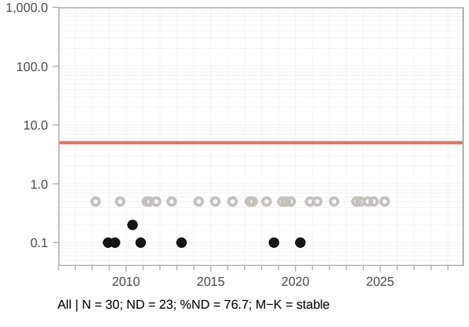
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

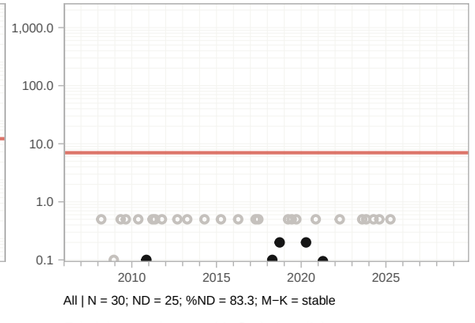
NYS GWQS = 5 ug/L



All | N = 30; ND = 23; %ND = 76.7; M−K = stable

Chloroform (Trichloromethane) (ug/L)

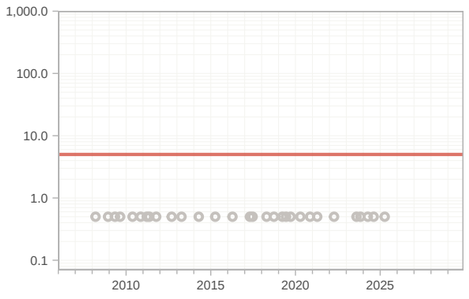
NYS GWQS = 7 ug/L



All | N = 30; ND = 25; %ND = 83.3; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

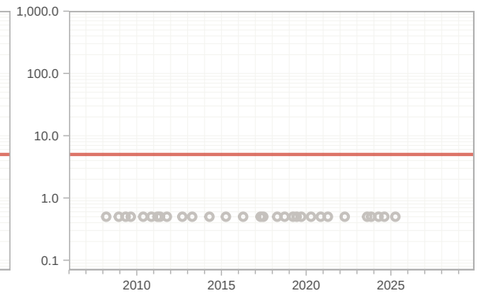
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Chloromethane (ug/L)

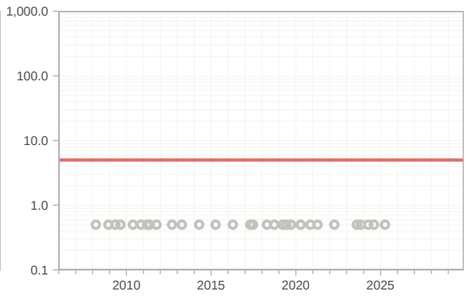
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

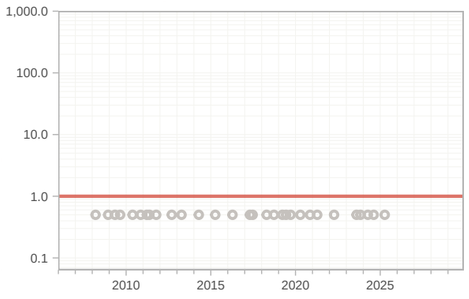
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

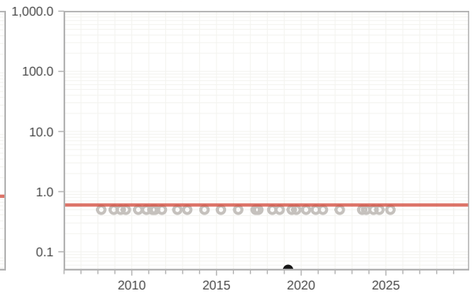
NYS GWQS = 1 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 30; ND = 29; %ND = 96.7; M−K = no trend

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- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

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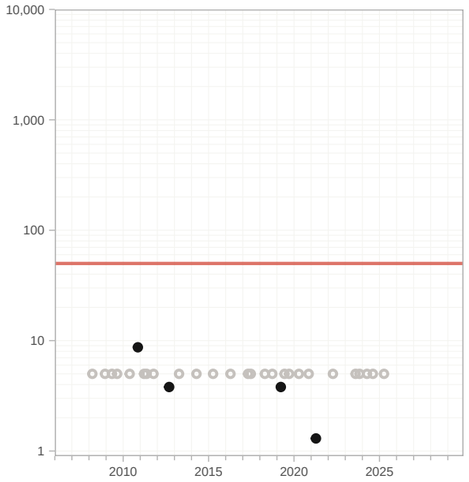
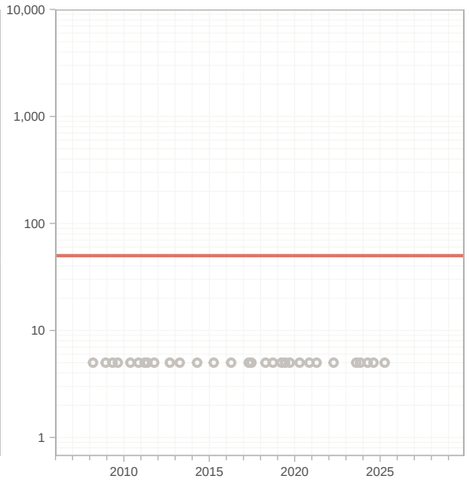
Acetone (ug/L)



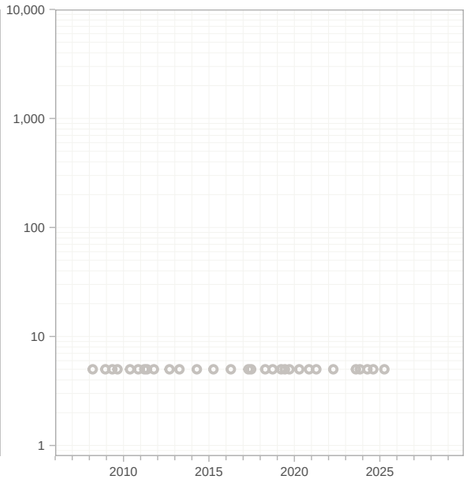
All | N = 30; ND = 26; %ND = 86.7; M−K = no trend

Butanone (2−) (MEK) (ug/L)



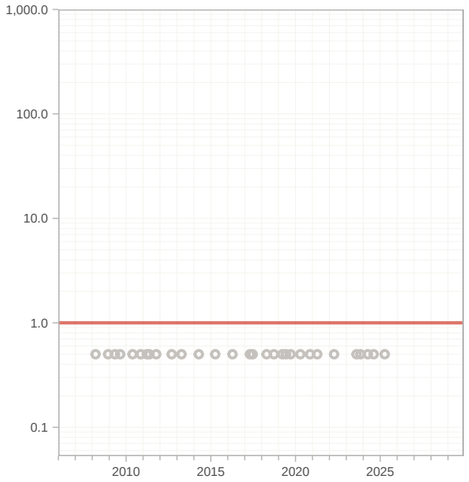
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



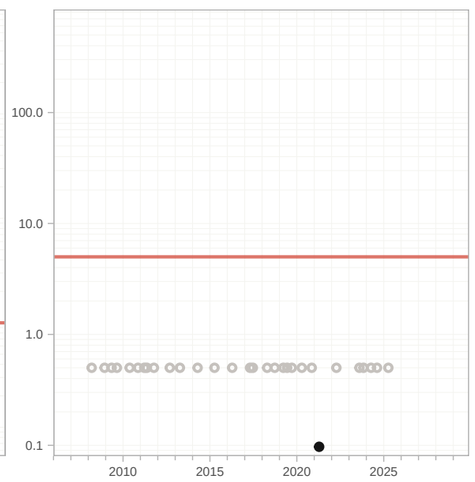
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Benzene (ug/L)



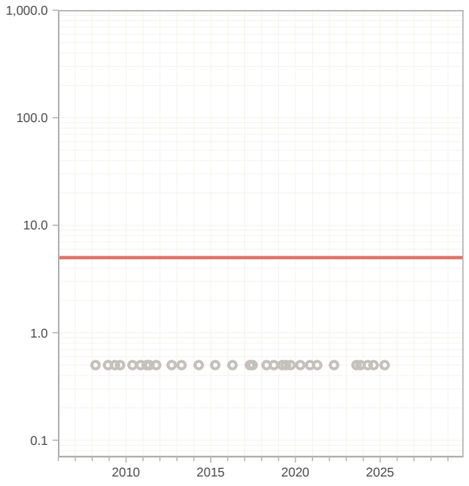
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Toluene (ug/L)



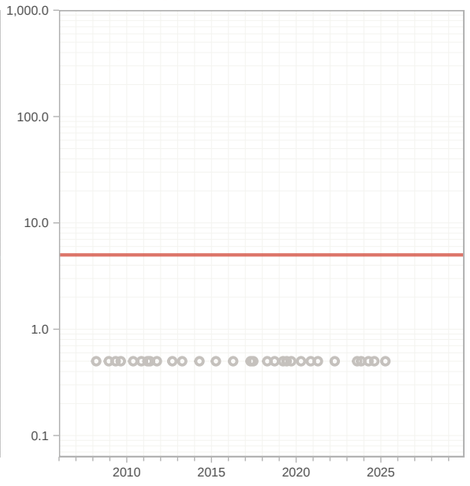
All | N = 30; ND = 29; %ND = 96.7; M−K = no trend

Ethylbenzene (ug/L)



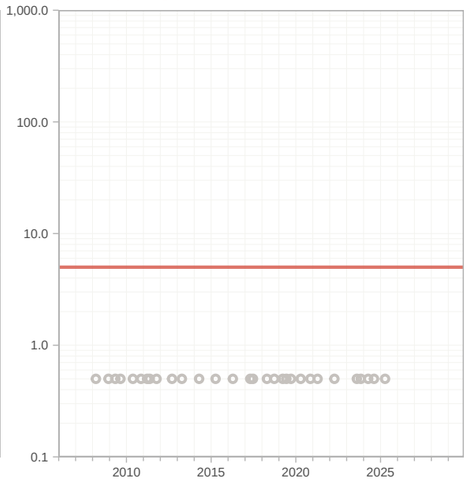
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



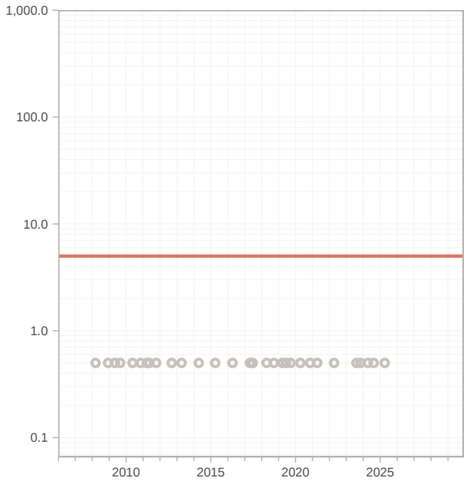
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 30; ND = 30; %ND = 100; M−K = no trend

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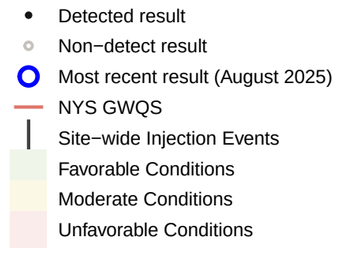

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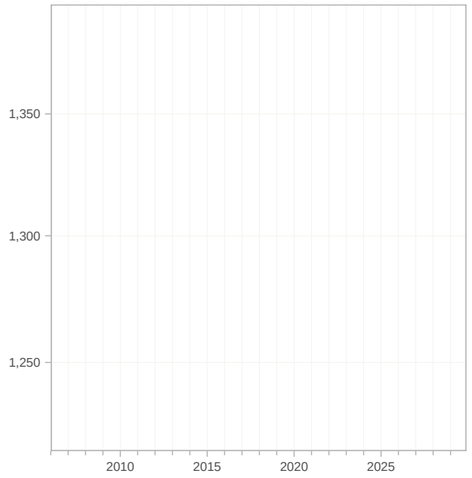
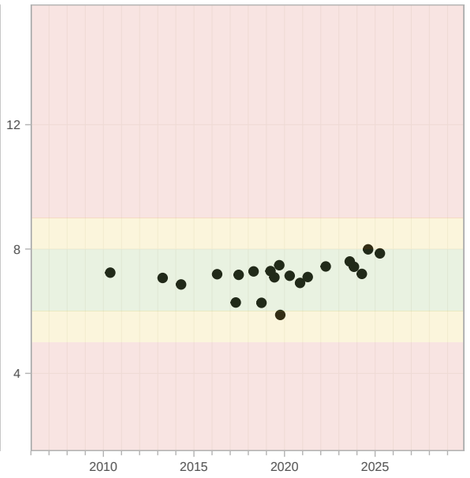
Groundwater Elevation



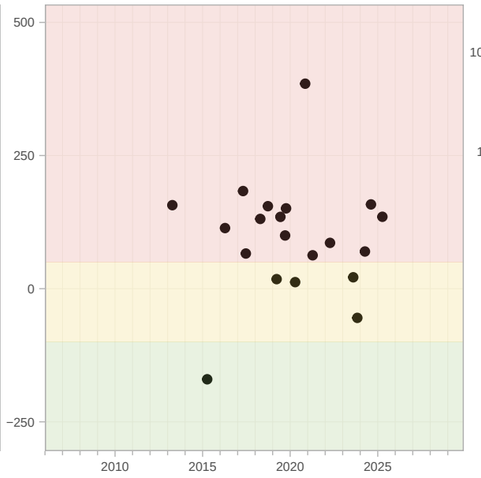
No Data

pH (SU)



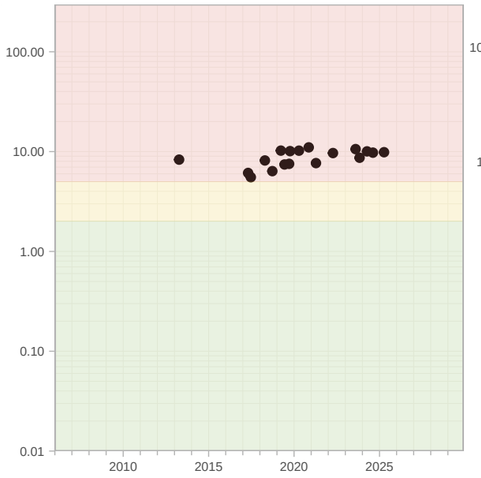
All | N = 21; ND = 0; %ND = 0; M−K = increasing

Oxidation/Reduction Potential (mV)



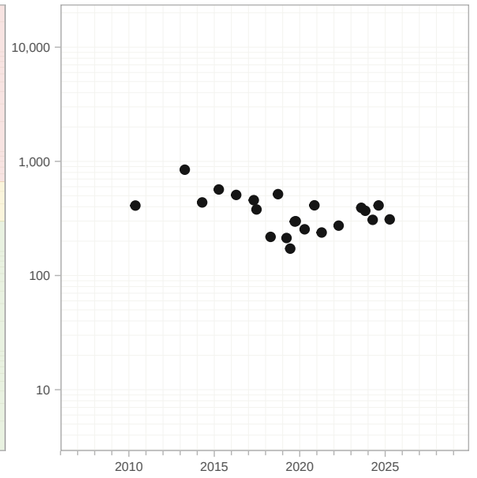
All | N = 20; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



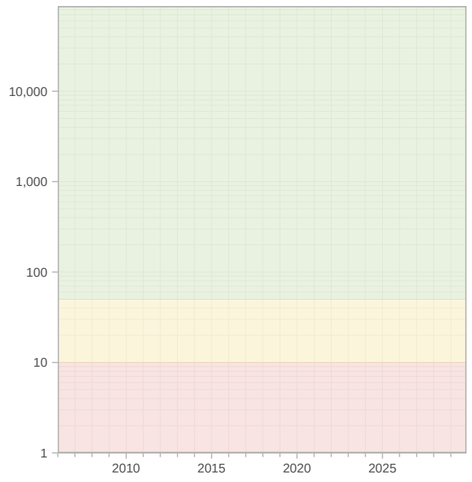
All | N = 18; ND = 0; %ND = 0; M−K = increasing

Specific Conductance (uS/cm)



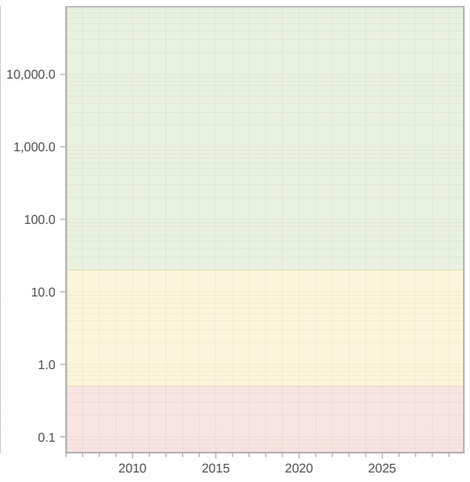
All | N = 22; ND = 0; %ND = 0; M−K = stable

Sulfide



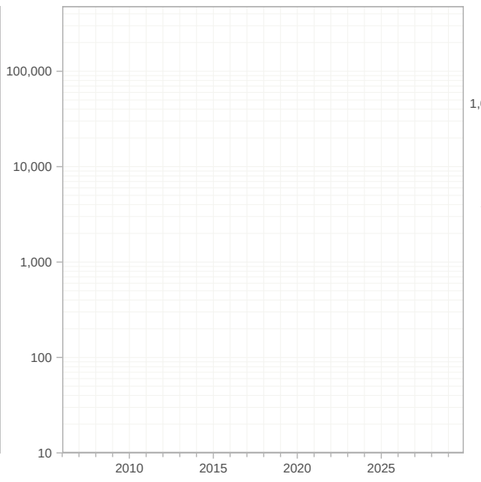
No Data

Methane



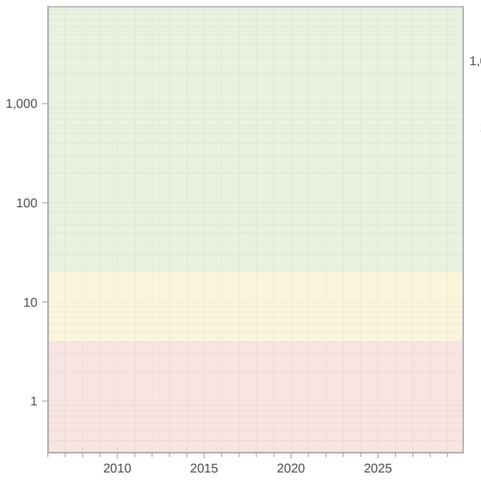
No Data

Iron − Ferrous



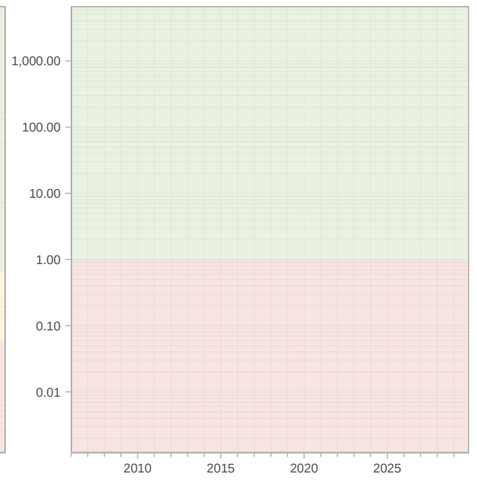
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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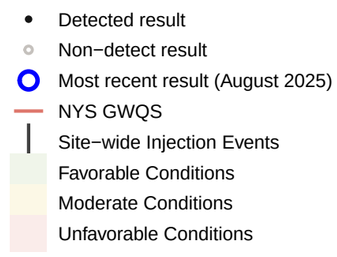

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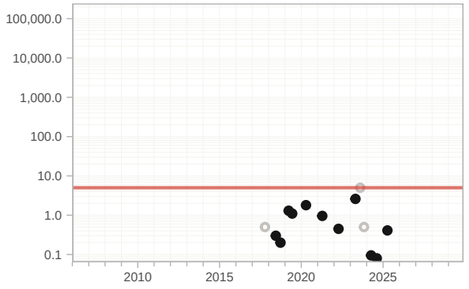
Trichloroethene (TCE) (ug/L)

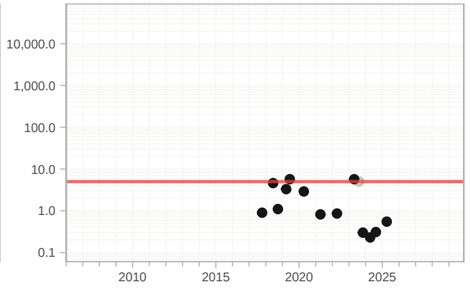
NYS GWQS = 5 ug/L



All | N = 14; ND = 3; %ND = 21.4; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

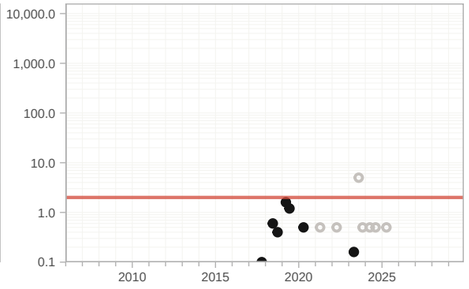
NYS GWQS = 5 ug/L



All | N = 14; ND = 1; %ND = 7.1; M−K = probably decreasing

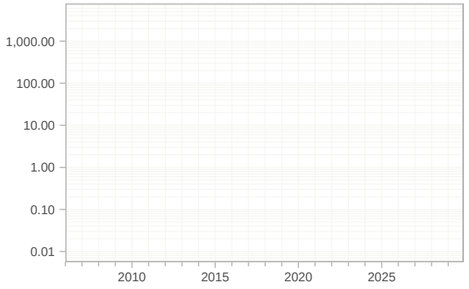
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



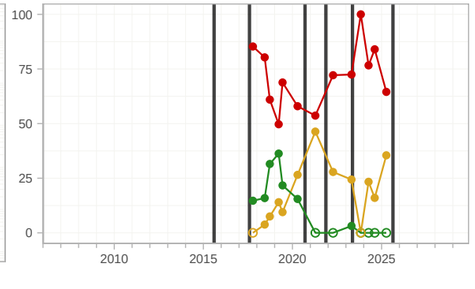
All | N = 14; ND = 7; %ND = 50; M−K = no trend

Ethane + Ethene



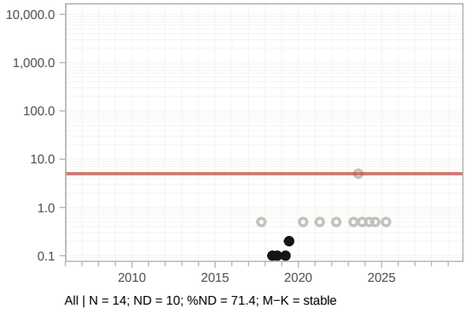
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

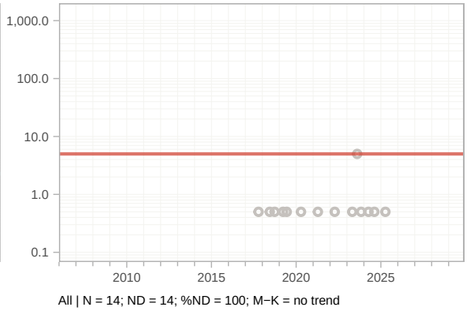
NYS GWQS = 5 ug/L



All | N = 14; ND = 10; %ND = 71.4; M−K = stable

Dichloroethene (1,1−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

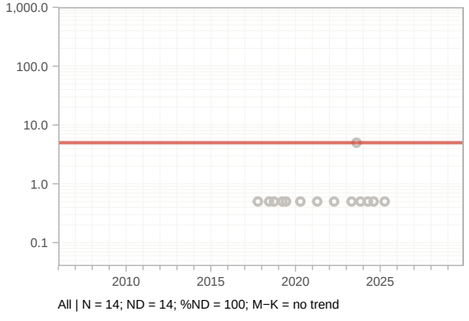
Tetrachloroethene (PCE) (ug/L)

NYS GWQS = 5 ug/L

All | N = 14; ND = 14; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

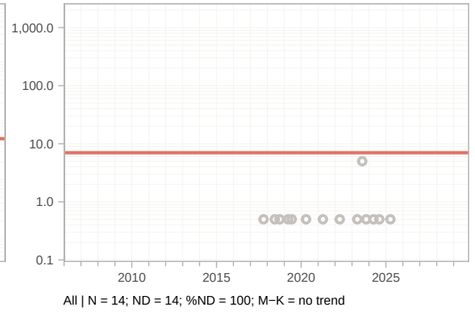
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

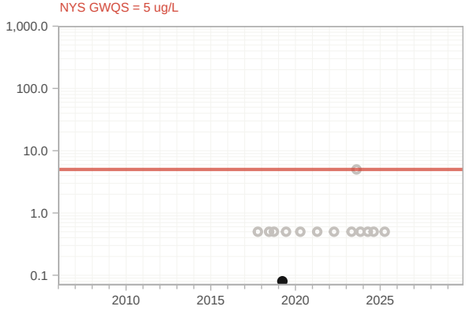
NYS GWQS = 7 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

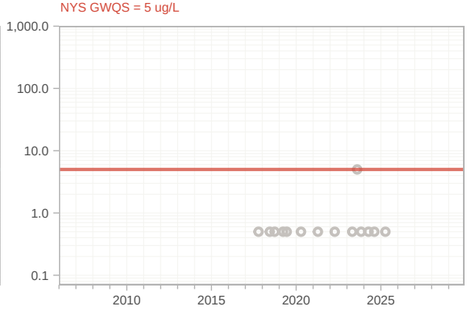
NYS GWQS = 5 ug/L



All | N = 14; ND = 13; %ND = 92.9; M−K = no trend

Chloromethane (ug/L)

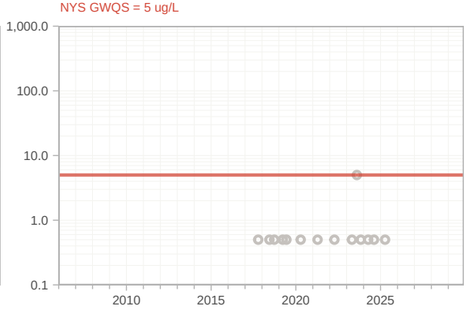
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

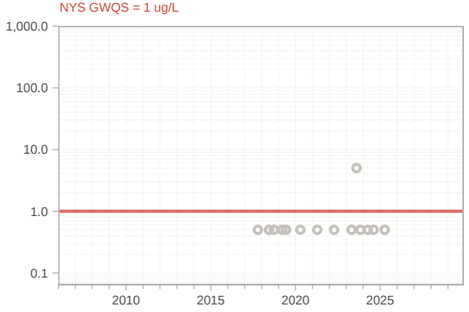
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

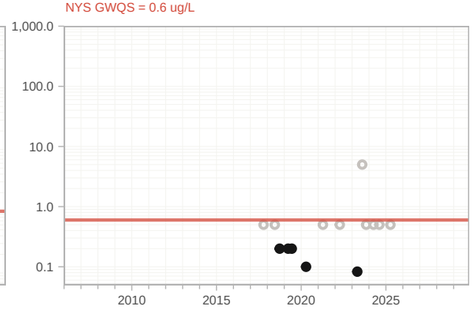
NYS GWQS = 1 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 14; ND = 9; %ND = 64.3; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
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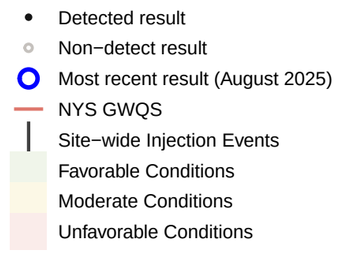
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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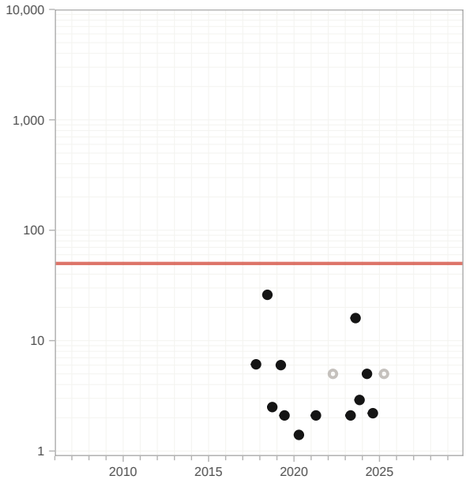
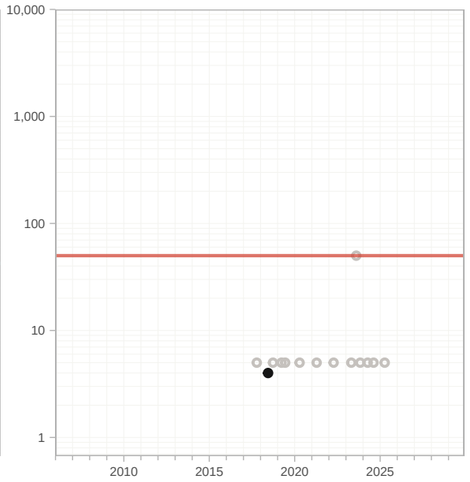
Acetone (ug/L)



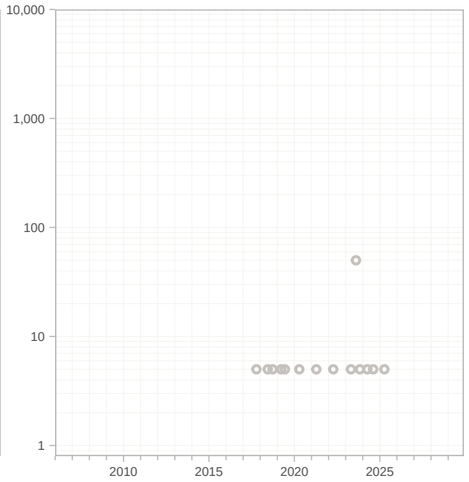
All | N = 14; ND = 2; %ND = 14.3; M−K = no trend

Butanone (2−) (MEK) (ug/L)



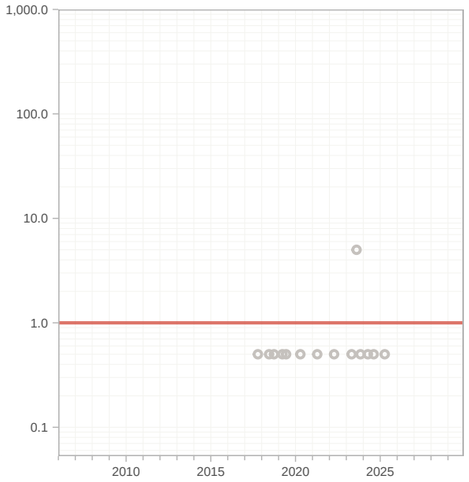
All | N = 14; ND = 13; %ND = 92.9; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



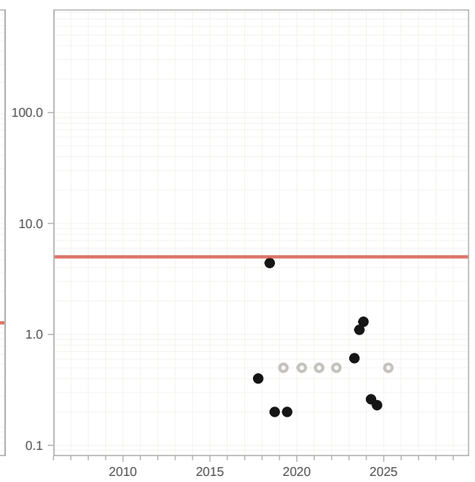
All | N = 14; ND = 14; %ND = 100; M−K = no trend

Benzene (ug/L)



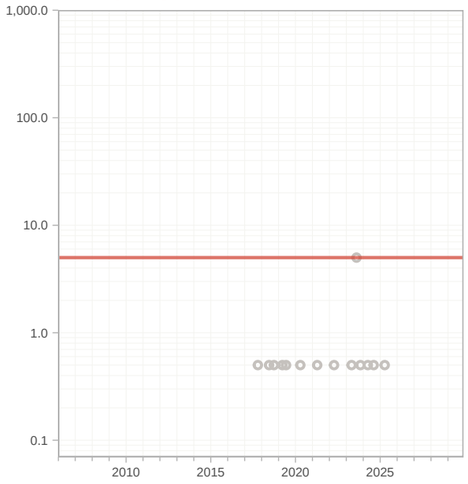
All | N = 14; ND = 14; %ND = 100; M−K = no trend

Toluene (ug/L)



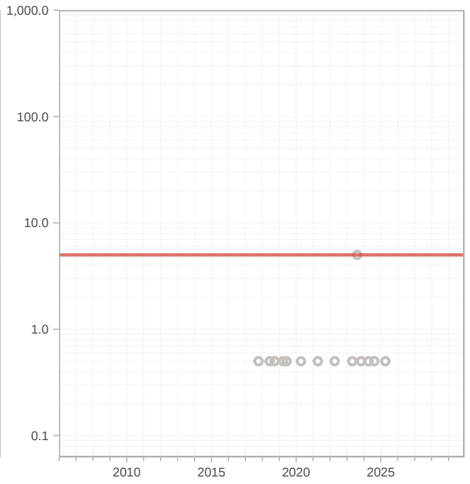
All | N = 14; ND = 5; %ND = 35.7; M−K = no trend

Ethylbenzene (ug/L)



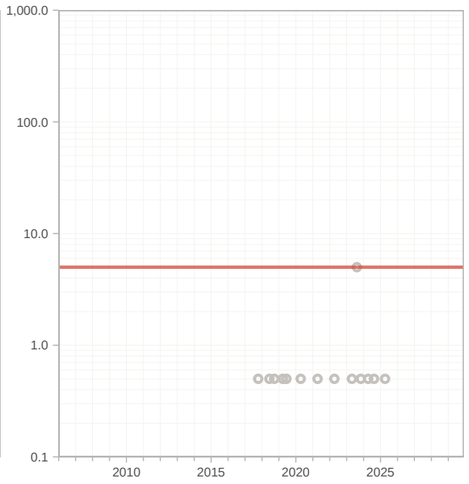
All | N = 14; ND = 14; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



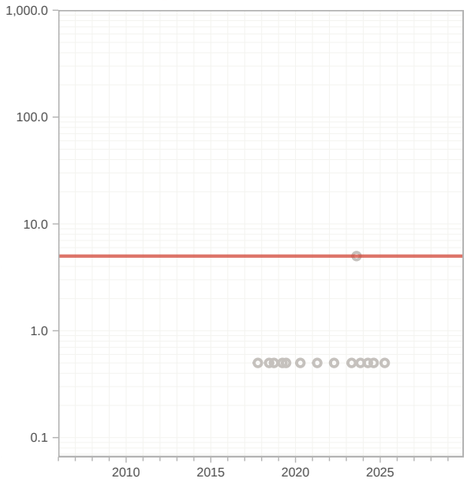
All | N = 14; ND = 14; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Notes:
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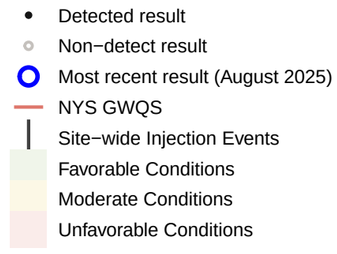

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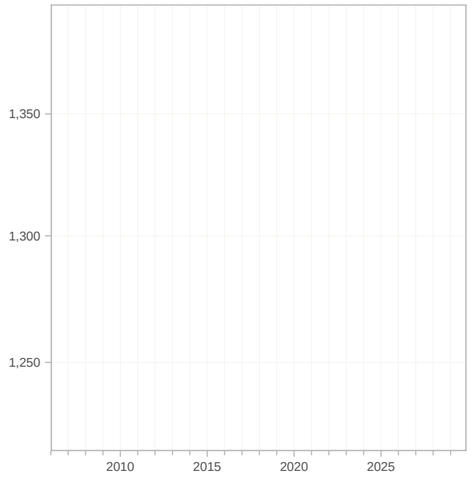
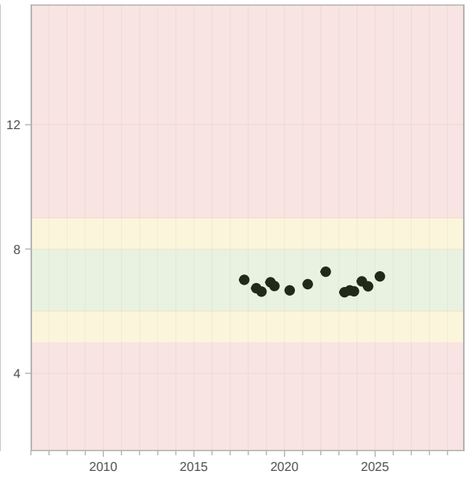
Groundwater Elevation



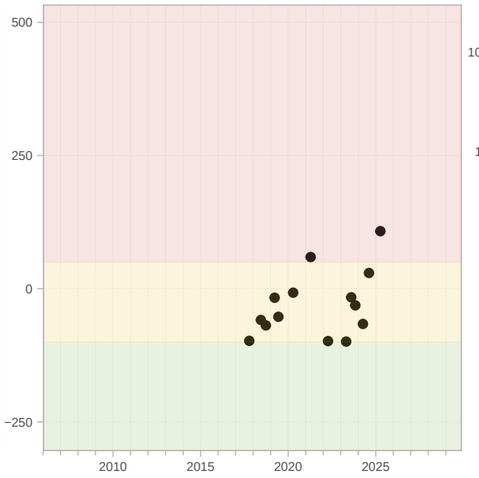
No Data

pH (SU)



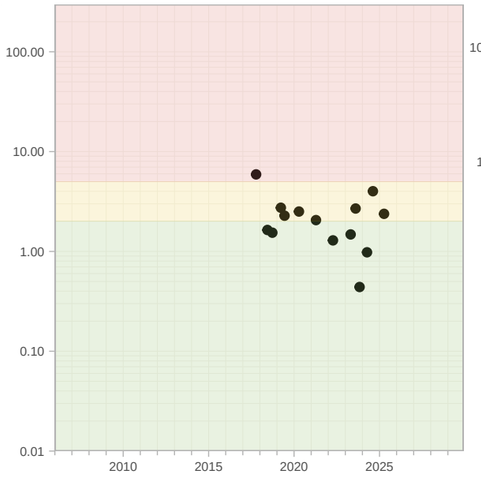
All | N = 14; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



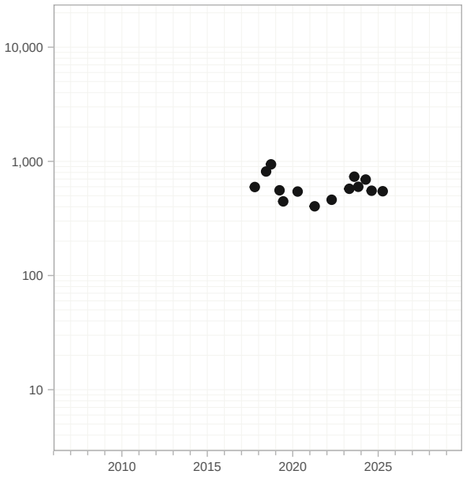
All | N = 14; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



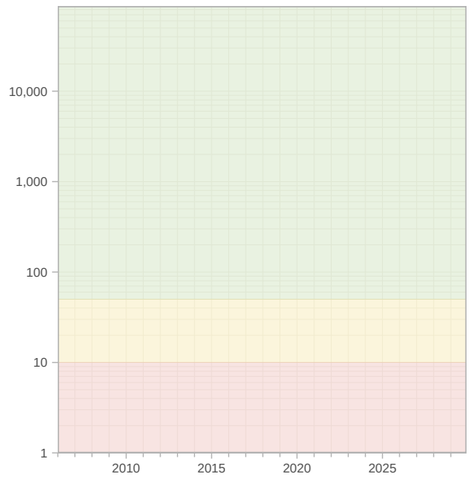
All | N = 14; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



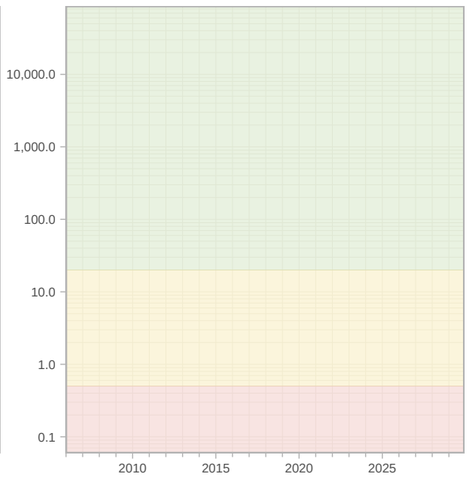
All | N = 14; ND = 0; %ND = 0; M−K = stable

Sulfide



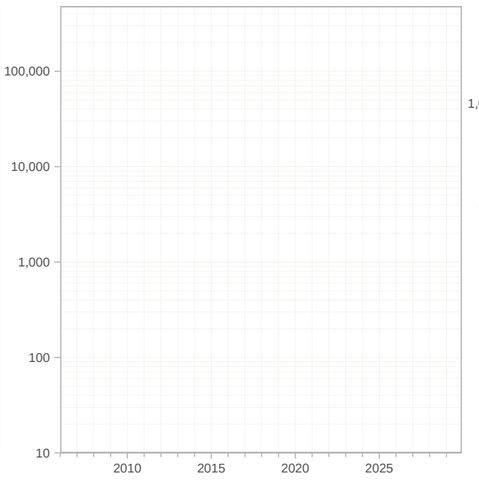
No Data

Methane



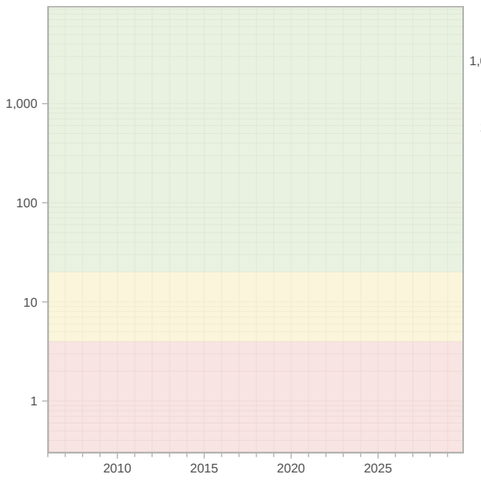
No Data

Iron − Ferrous



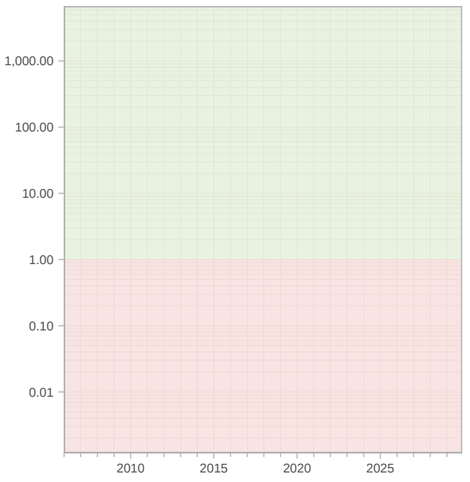
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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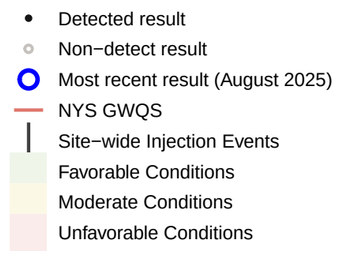
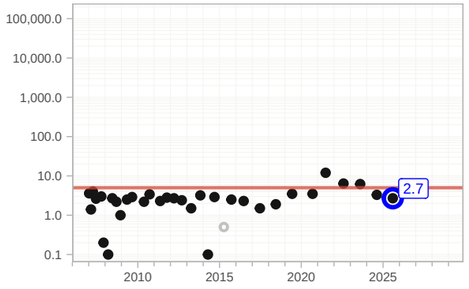


BP−10A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

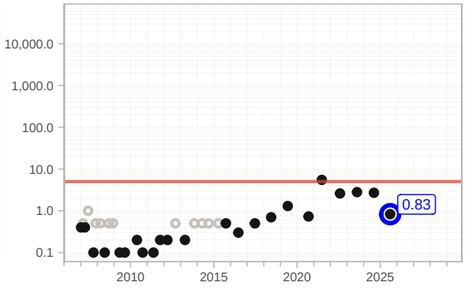
NYS GWQS = 5 ug/L



All | N = 34; ND = 1; %ND = 2.9; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

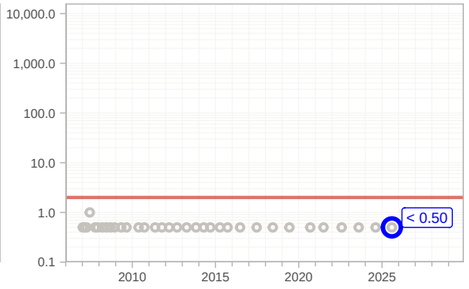
NYS GWQS = 5 ug/L



All | N = 34; ND = 11; %ND = 32.4; M−K = strong increasing

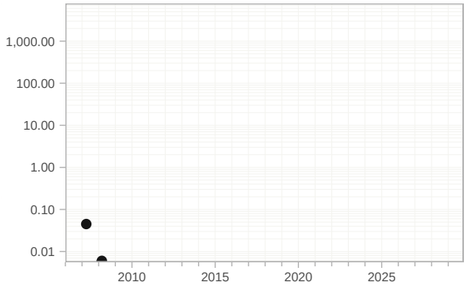
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



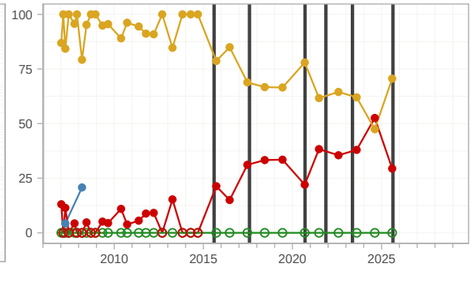
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



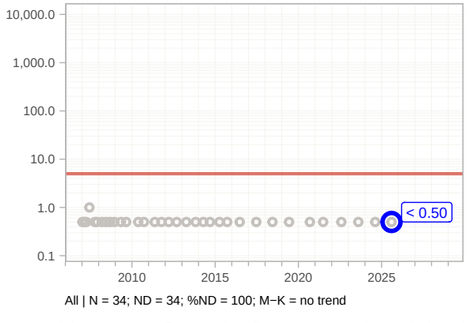
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

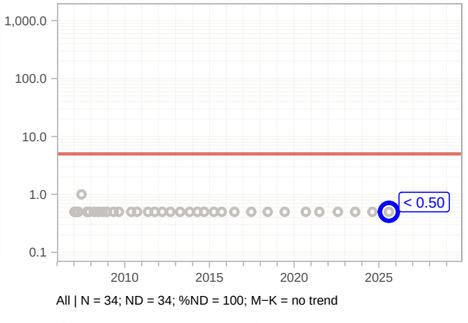
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

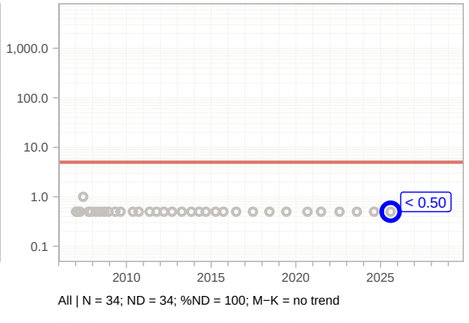
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

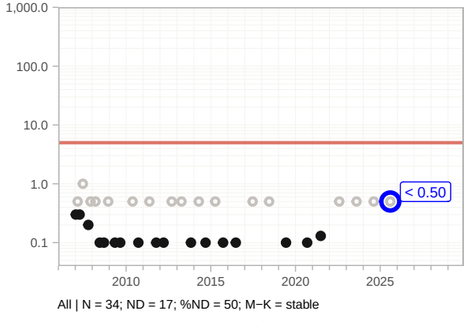
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

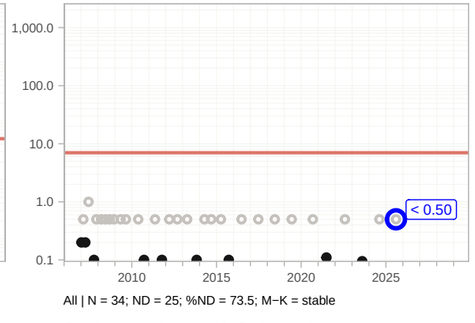
NYS GWQS = 5 ug/L



All | N = 34; ND = 17; %ND = 50; M−K = stable

Chloroform (Trichloromethane) (ug/L)

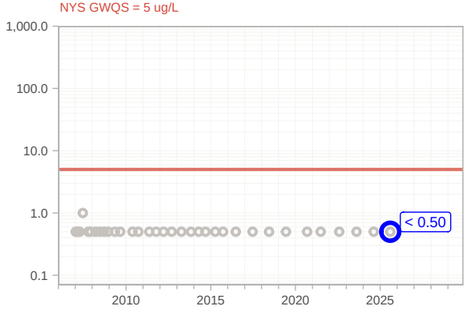
NYS GWQS = 7 ug/L



All | N = 34; ND = 25; %ND = 73.5; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

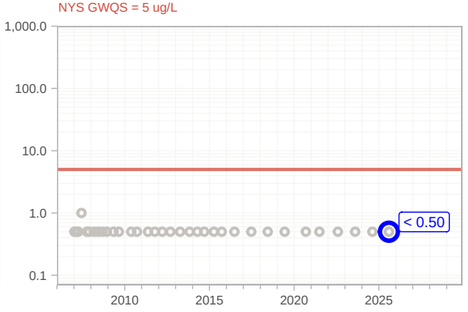
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Chloromethane (ug/L)

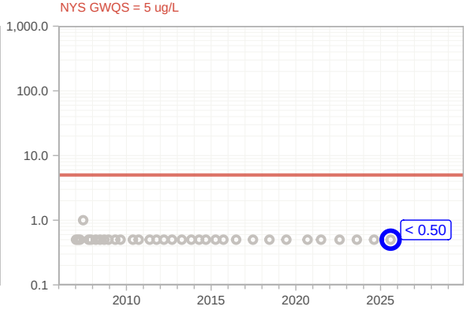
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

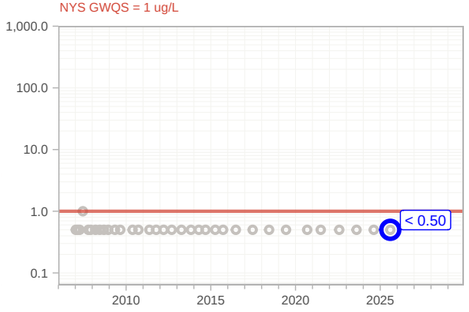
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

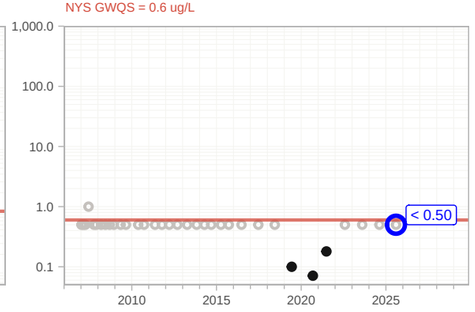
NYS GWQS = 1 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 34; ND = 31; %ND = 91.2; M−K = no trend

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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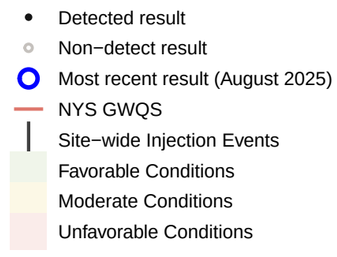
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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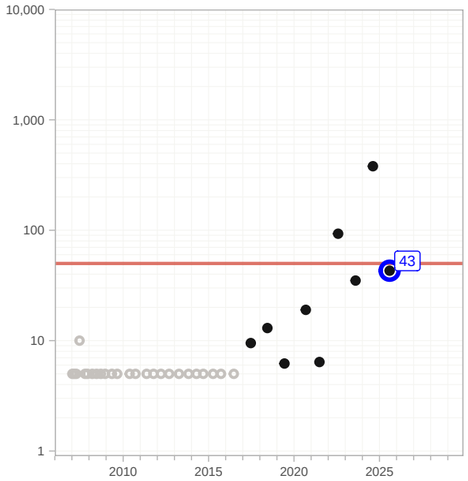
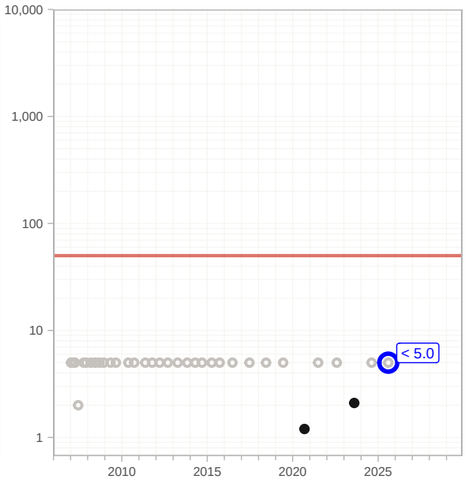
Acetone (ug/L)



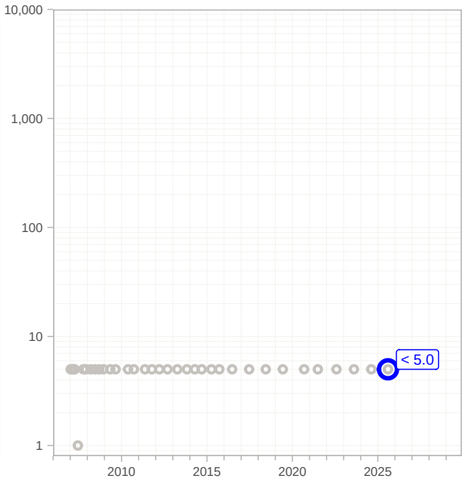
All | N = 34; ND = 25; %ND = 73.5; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



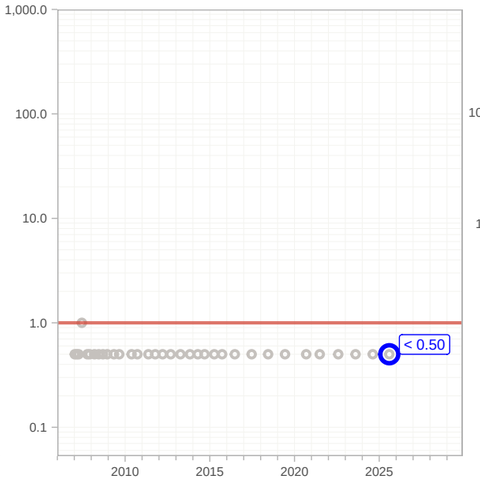
All | N = 34; ND = 32; %ND = 94.1; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



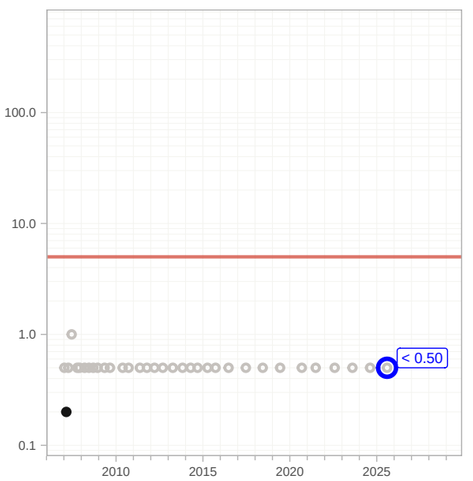
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Benzene (ug/L)



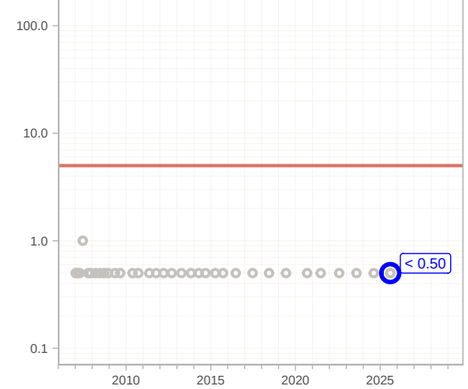
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Toluene (ug/L)



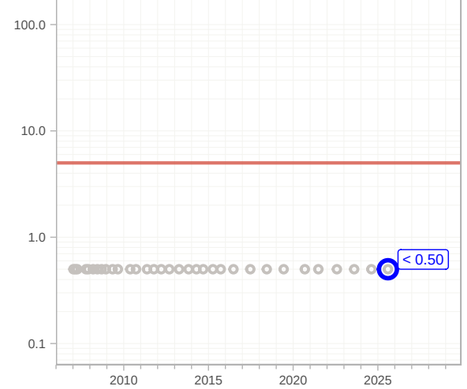
All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

Ethylbenzene (ug/L)



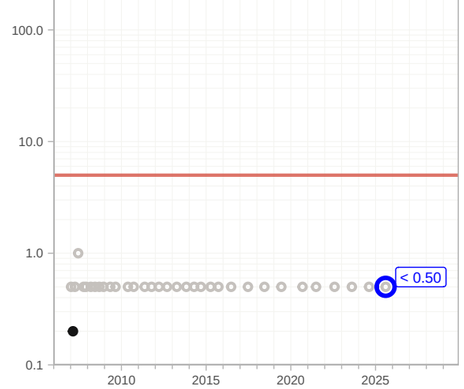
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



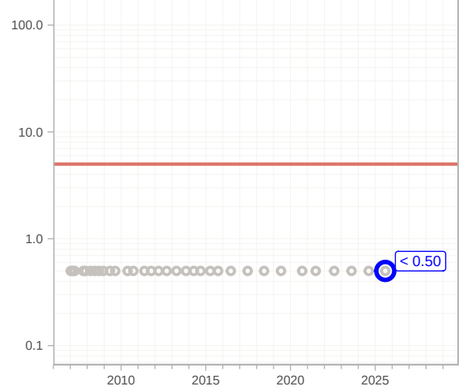
All | N = 33; ND = 33; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

Xylene (o−) (ug/L)



All | N = 33; ND = 33; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

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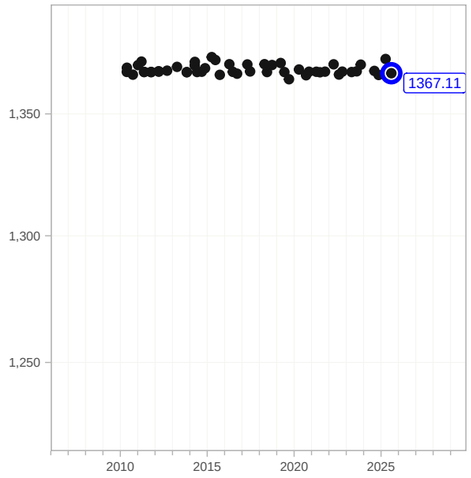
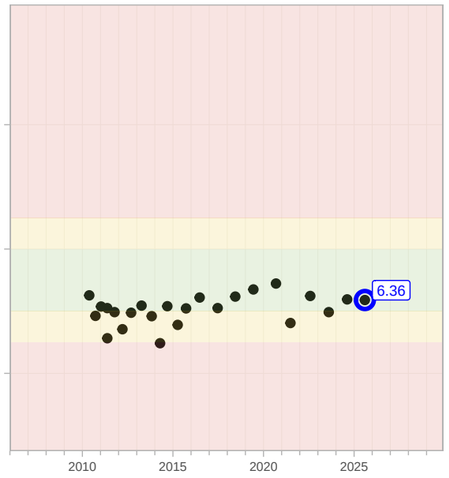
Groundwater Elevation (ft amsl)



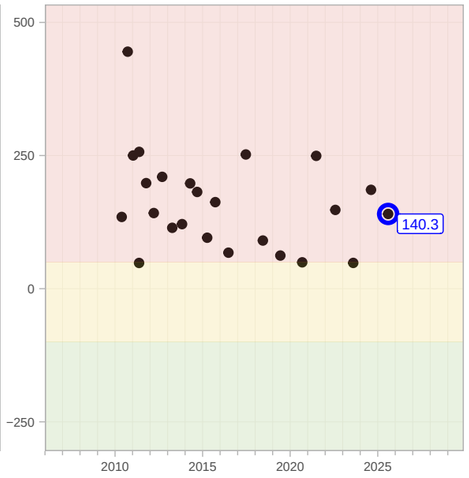
All | N = 50; ND = 0; %ND = 0; M−K = stable

pH (SU)



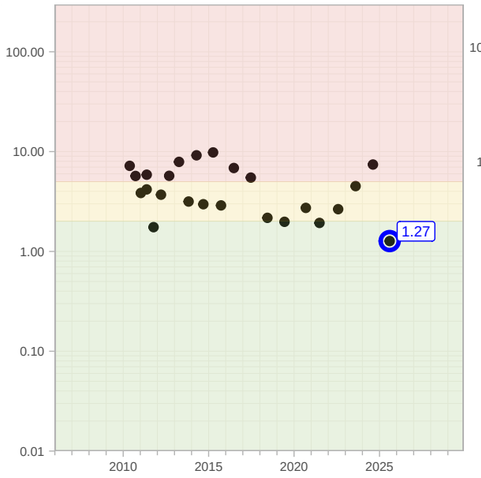
All | N = 24; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



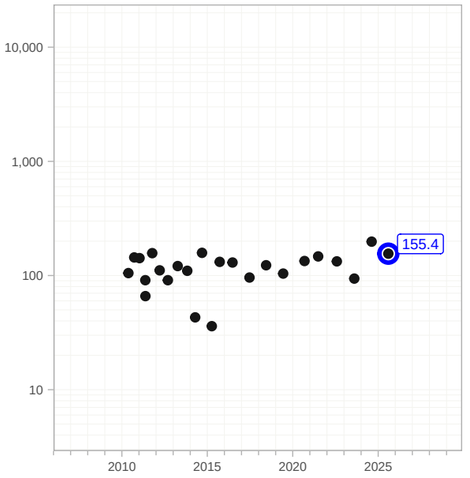
All | N = 24; ND = 0; %ND = 0; M−K = probably decreasing

Dissolved Oxygen (mg/L)



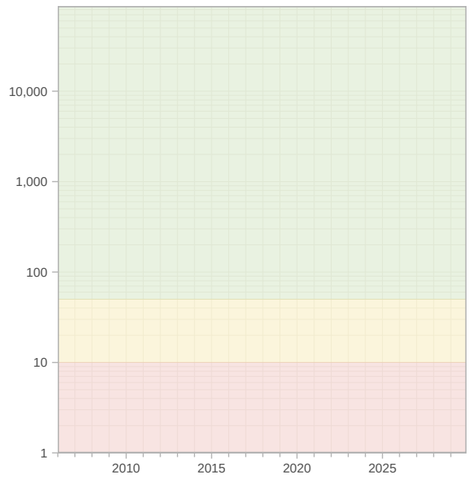
All | N = 24; ND = 0; %ND = 0; M−K = probably decreasing

Specific Conductance (uS/cm)



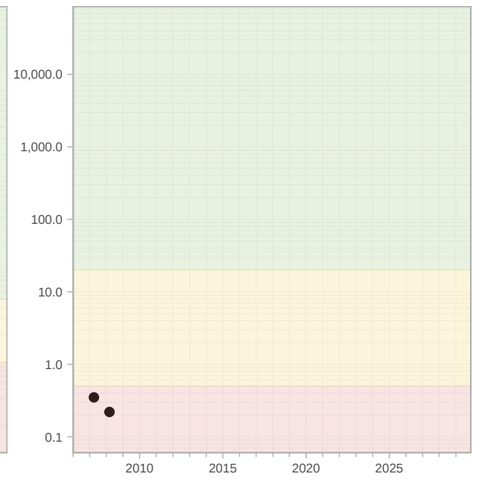
All | N = 24; ND = 0; %ND = 0; M−K = stable

Sulfide



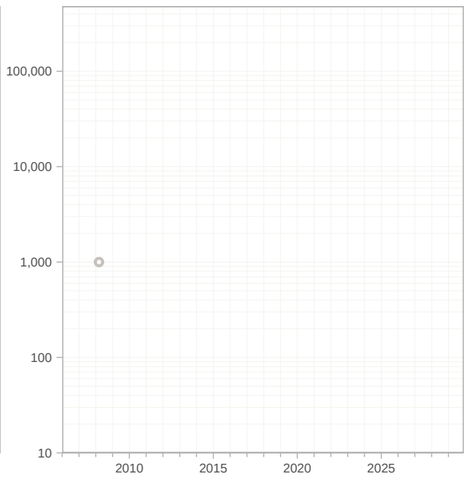
No Data

Methane (ug/L)



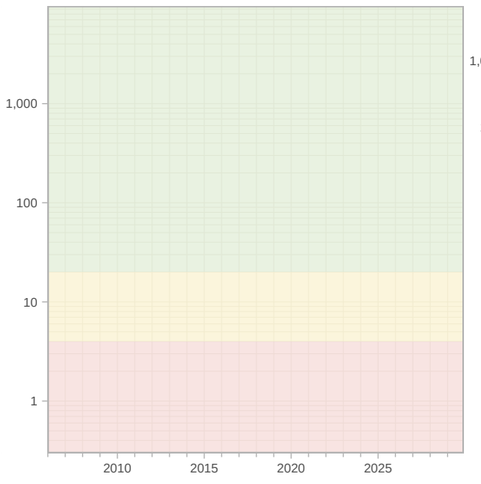
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



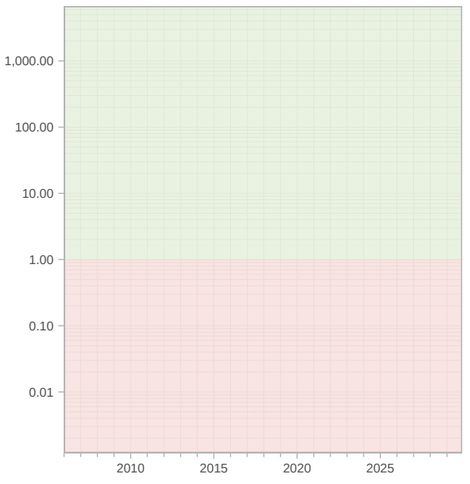
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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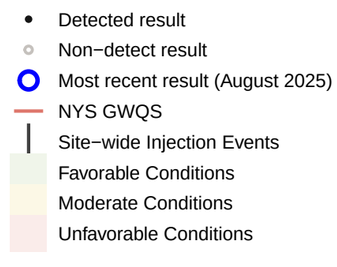
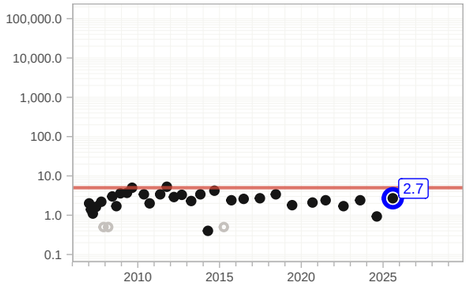
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−11A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

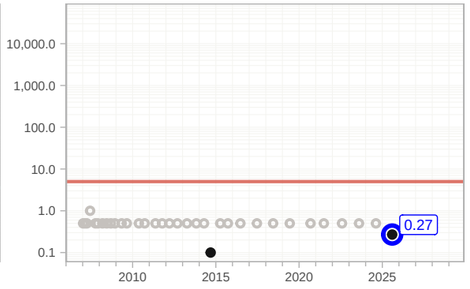
NYS GWQS = 5 ug/L



All | N = 34; ND = 3; %ND = 8.8; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

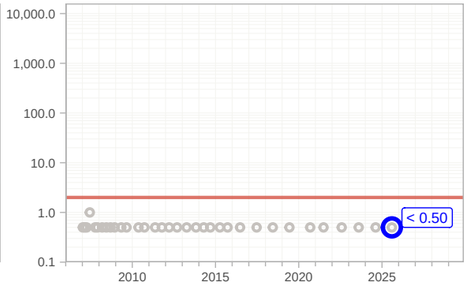
NYS GWQS = 5 ug/L



All | N = 34; ND = 32; %ND = 94.1; M−K = no trend

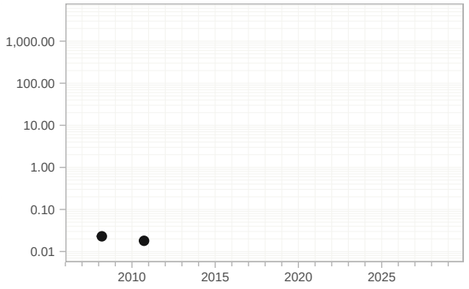
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



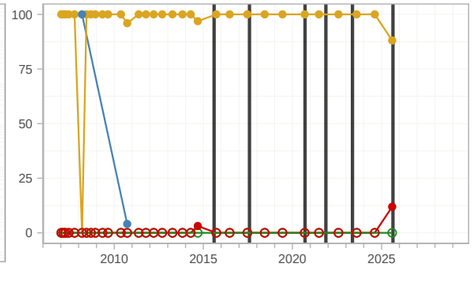
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



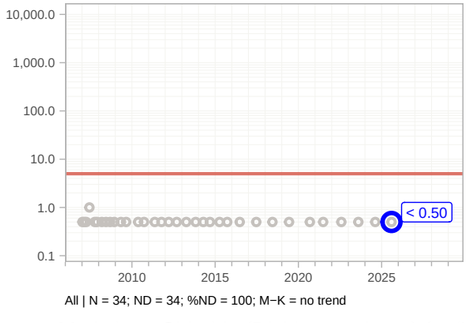
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

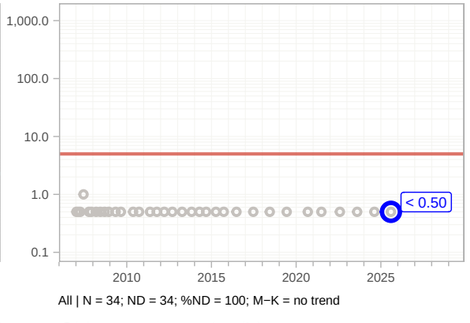
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

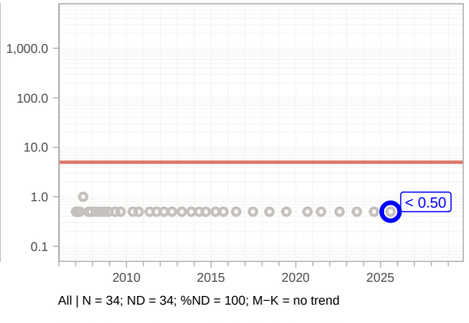
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

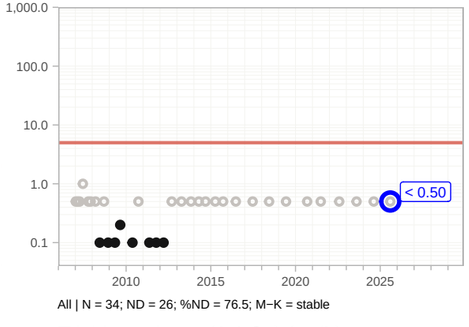
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

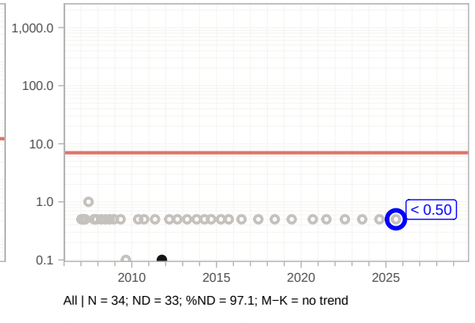
NYS GWQS = 5 ug/L



All | N = 34; ND = 26; %ND = 76.5; M−K = stable

Chloroform (Trichloromethane) (ug/L)

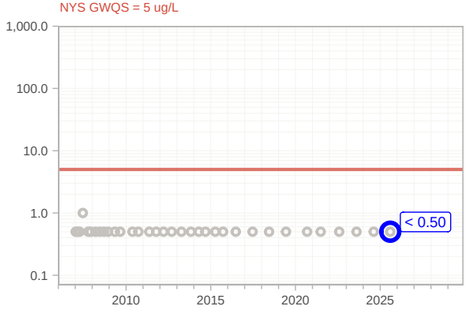
NYS GWQS = 7 ug/L



All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

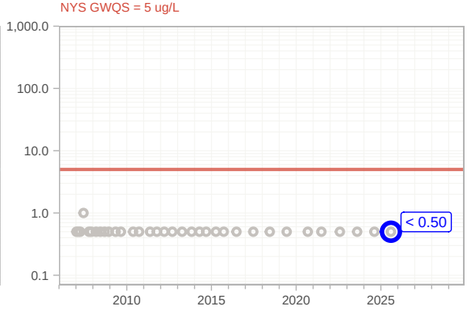
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Chloromethane (ug/L)

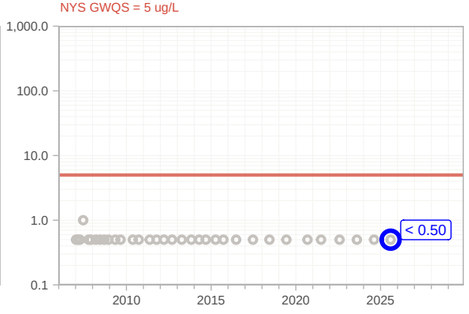
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

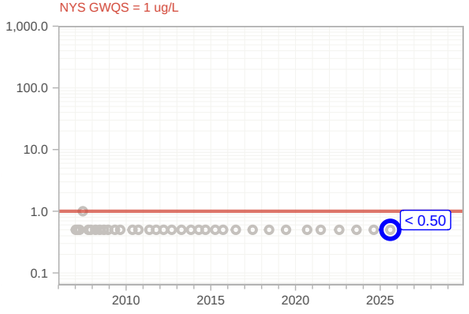
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

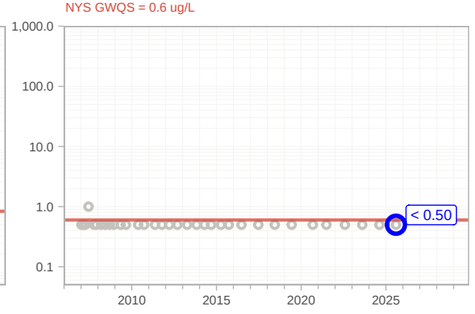
NYS GWQS = 1 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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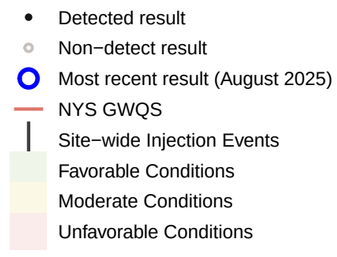
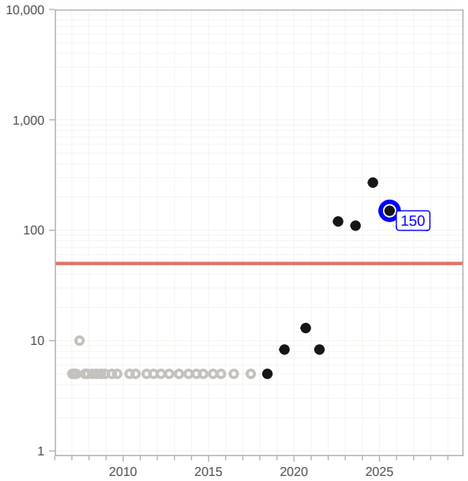
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



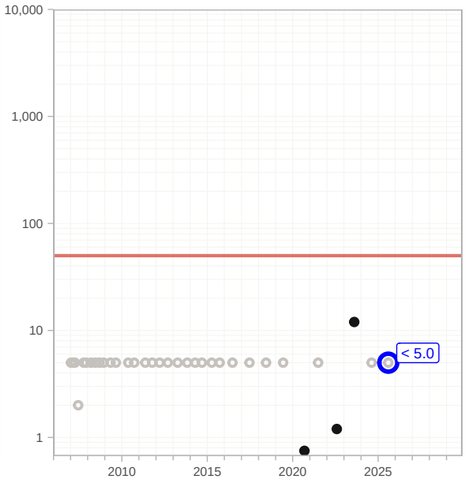
BP−11A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



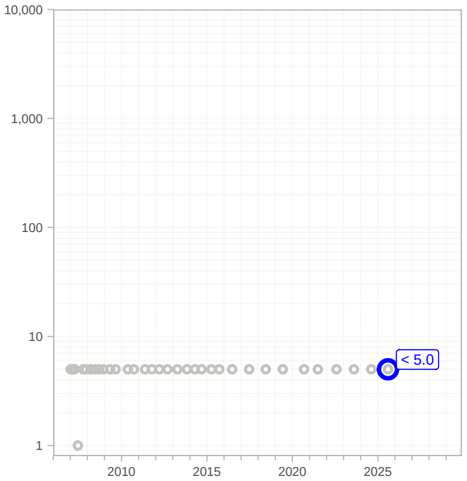
All | N = 34; ND = 26; %ND = 76.5; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



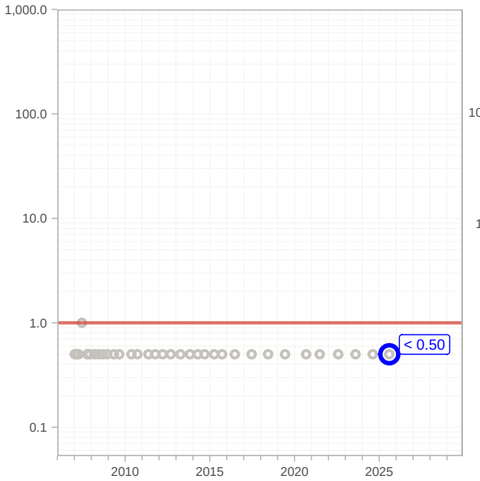
All | N = 34; ND = 31; %ND = 91.2; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



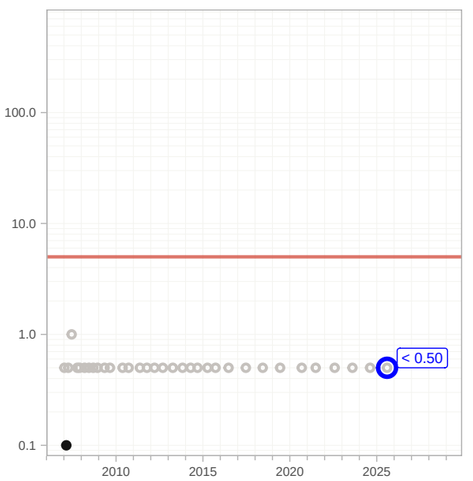
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Benzene (ug/L)



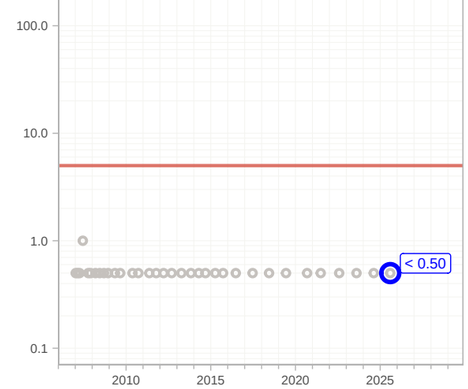
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Toluene (ug/L)



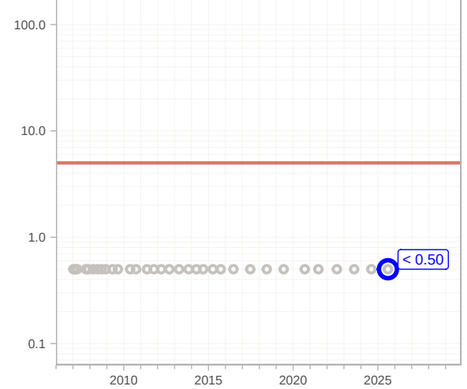
All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

Ethylbenzene (ug/L)



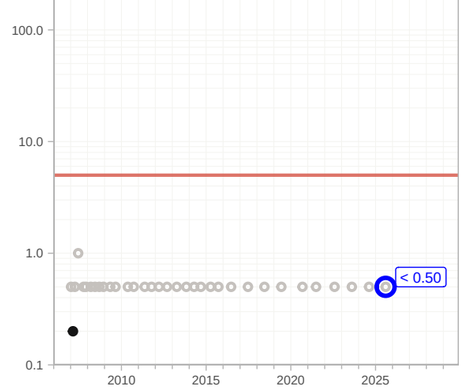
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



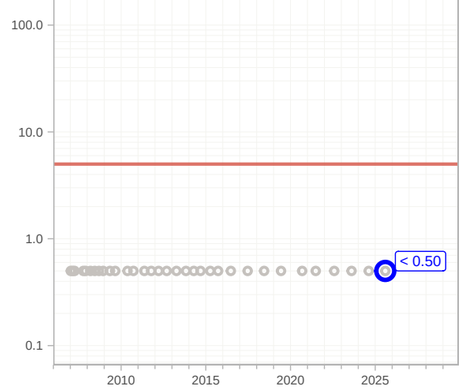
All | N = 33; ND = 33; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

Xylene (o−) (ug/L)



All | N = 33; ND = 33; %ND = 100; M−K = no trend

Notes:
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−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

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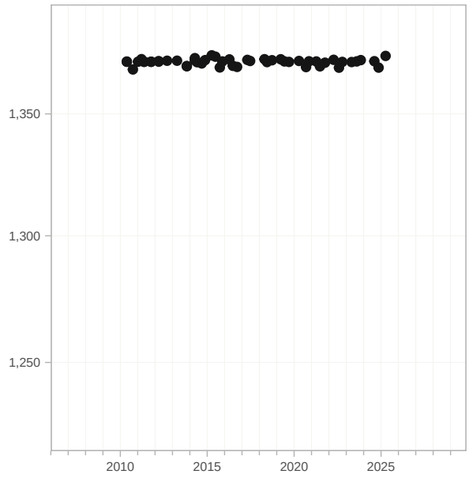
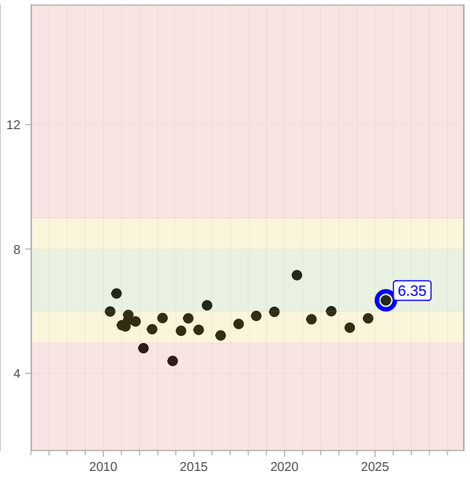
Groundwater Elevation (ft amsl)



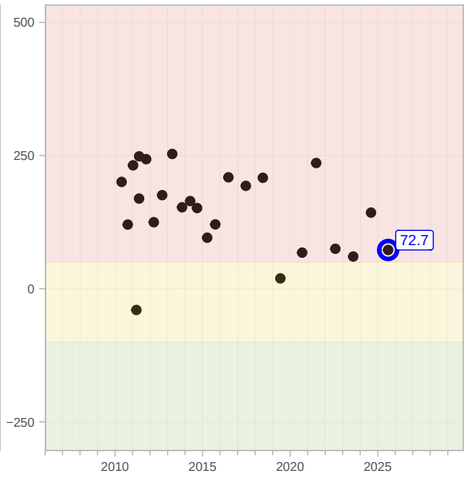
All | N = 50; ND = 0; %ND = 0; M−K = stable

pH (SU)



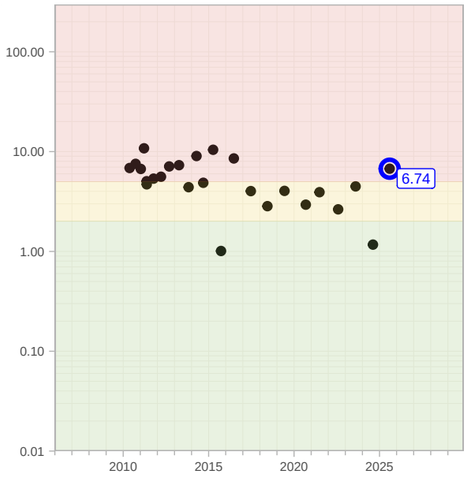
All | N = 25; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



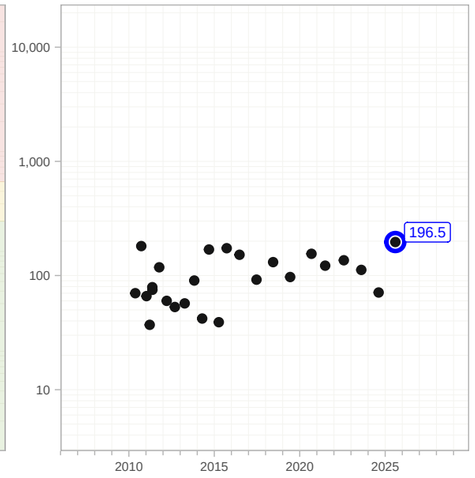
All | N = 25; ND = 0; %ND = 0; M−K = probably decreasing

Dissolved Oxygen (mg/L)



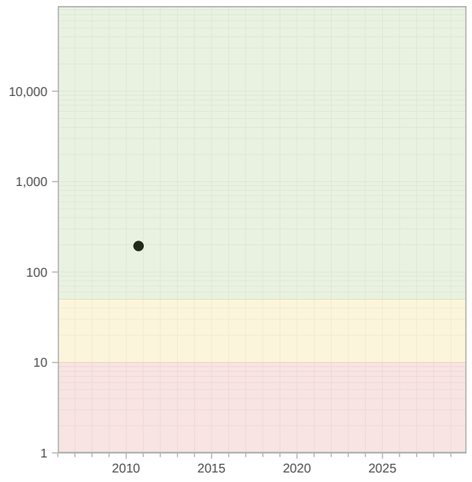
All | N = 25; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)



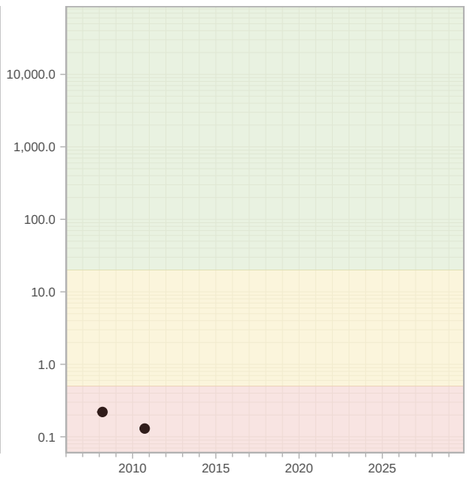
All | N = 25; ND = 0; %ND = 0; M−K = probably increasing

Sulfide (ug/L)



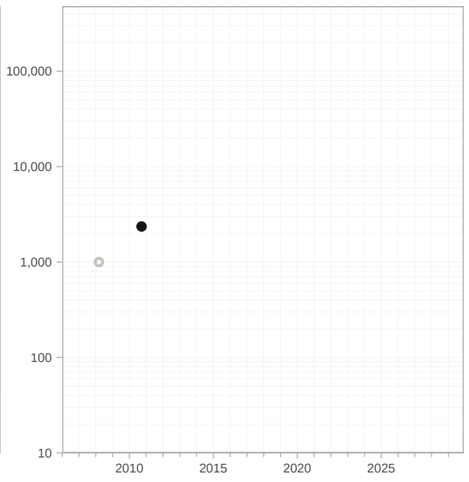
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



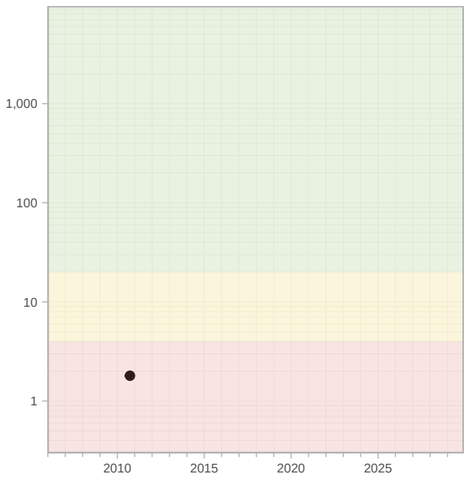
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



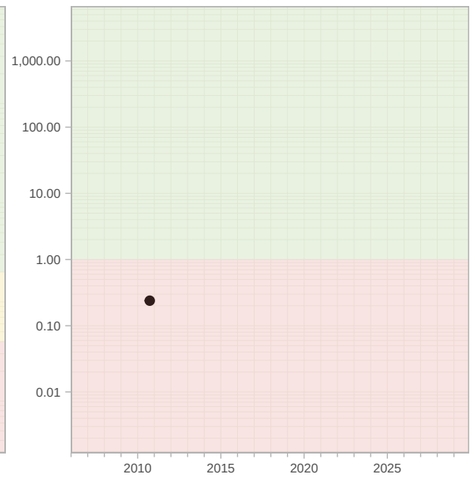
All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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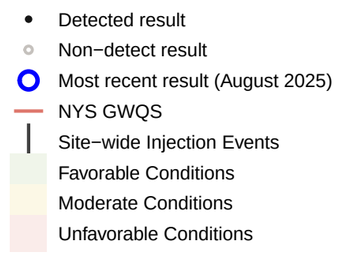
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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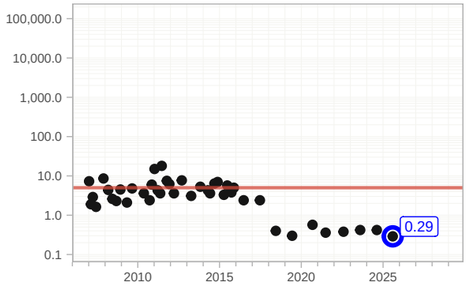
Trichloroethene (TCE) (ug/L)

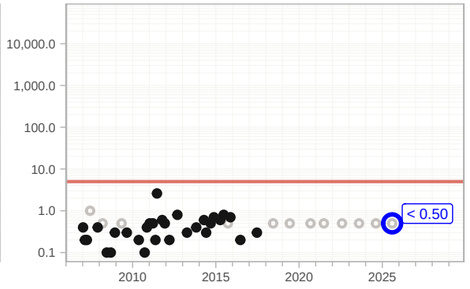
NYS GWQS = 5 ug/L



All | N = 42; ND = 0; %ND = 0; M−K = decreasing

Dichloroethene (cis−1,2−) (ug/L)

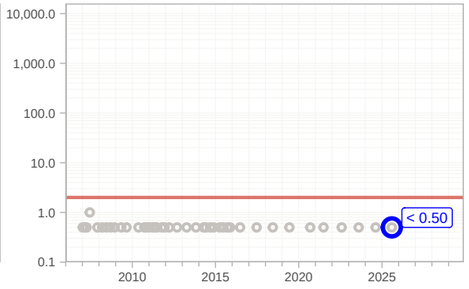
NYS GWQS = 5 ug/L



All | N = 42; ND = 12; %ND = 28.6; M−K = stable

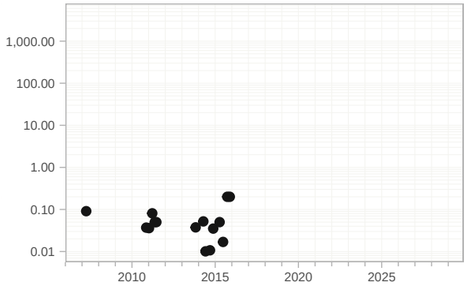
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



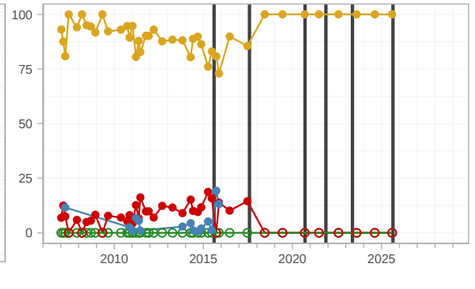
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



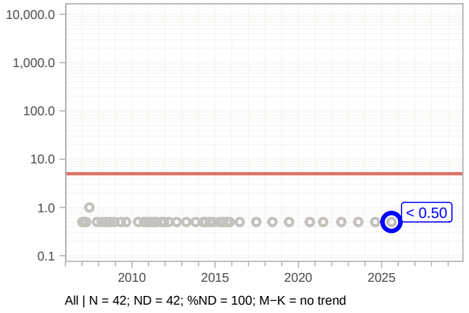
All | N = 15; ND = 0; %ND = 0; M−K = stable

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

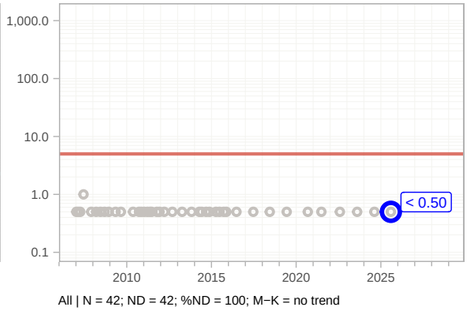
NYS GWQS = 5 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

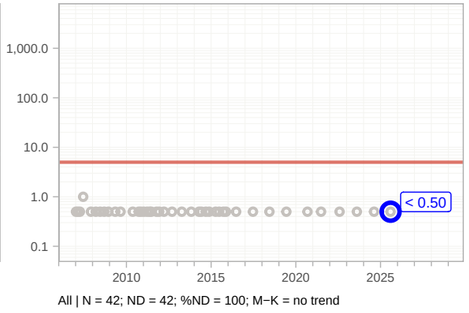
NYS GWQS = 5 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

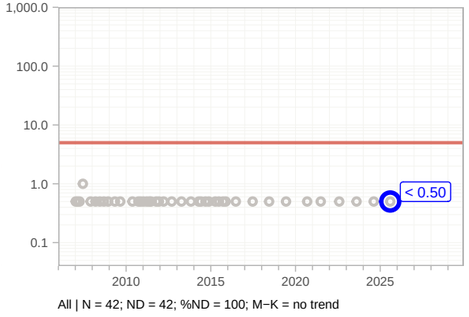
NYS GWQS = 5 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

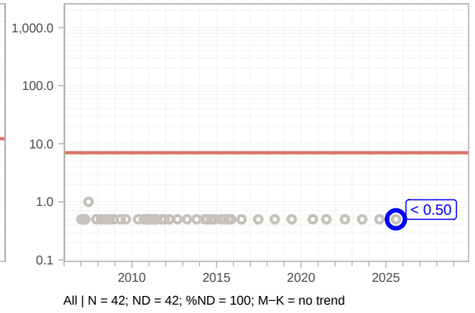
NYS GWQS = 5 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

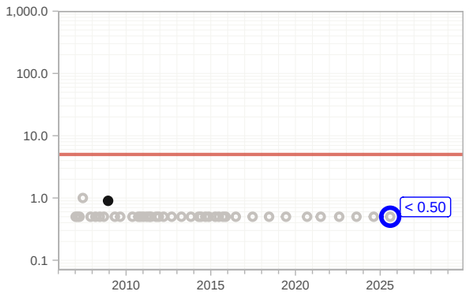
NYS GWQS = 7 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

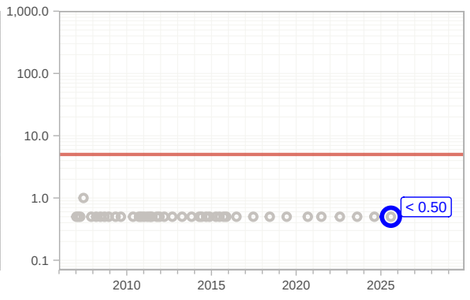
NYS GWQS = 5 ug/L



All | N = 42; ND = 41; %ND = 97.6; M−K = no trend

Chloromethane (ug/L)

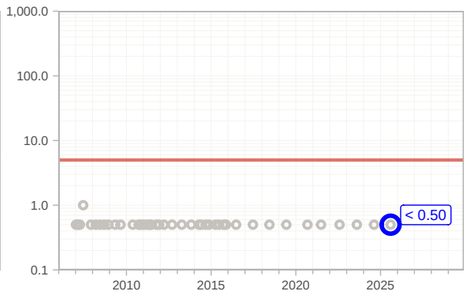
NYS GWQS = 5 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

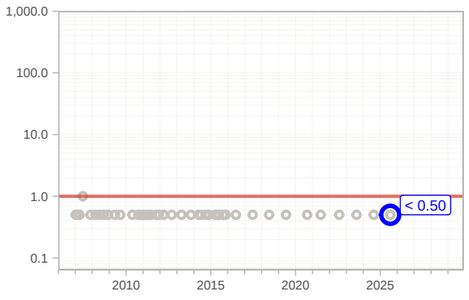
NYS GWQS = 5 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

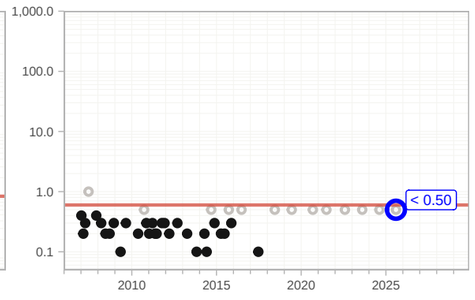
NYS GWQS = 1 ug/L



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 42; ND = 13; %ND = 31; M−K = stable

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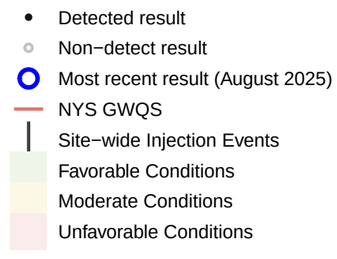
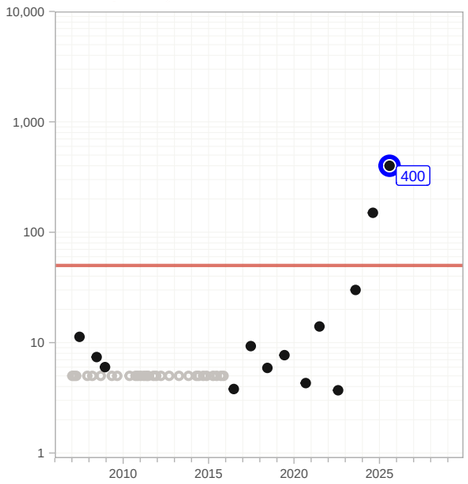
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



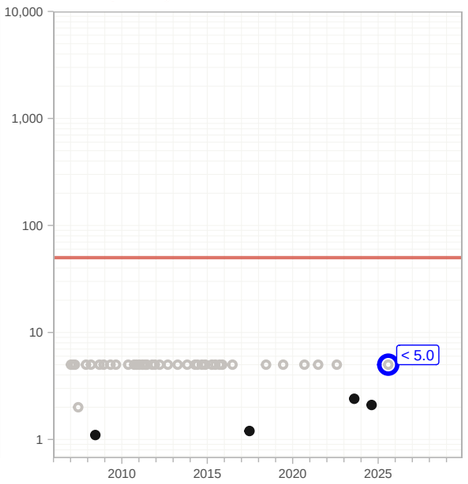
BP−12A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



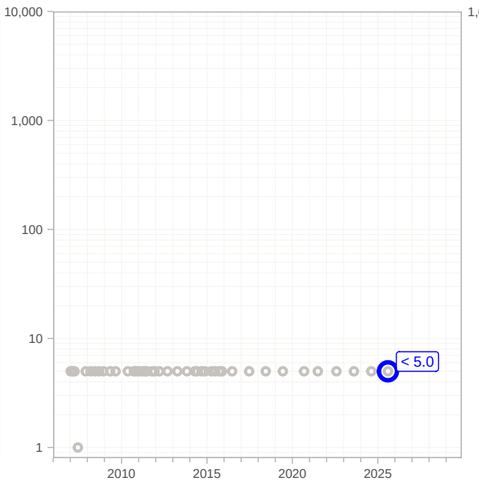
All | N = 42; ND = 29; %ND = 69; M−K = increasing

Butanone (2−) (MEK) (ug/L)



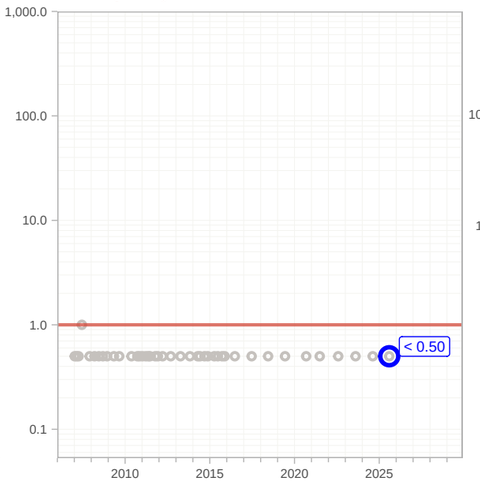
All | N = 42; ND = 38; %ND = 90.5; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



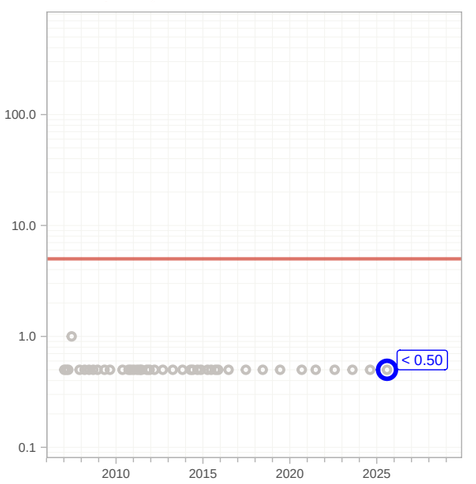
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Benzene (ug/L)



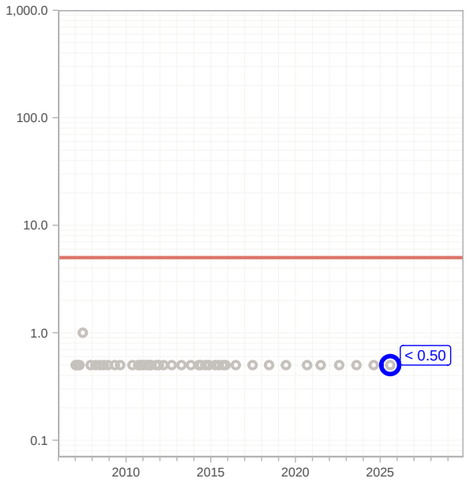
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Toluene (ug/L)



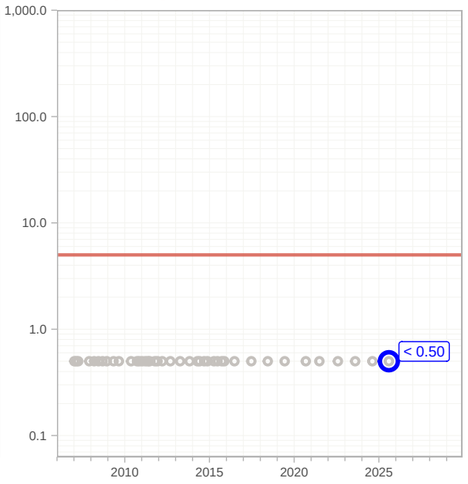
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



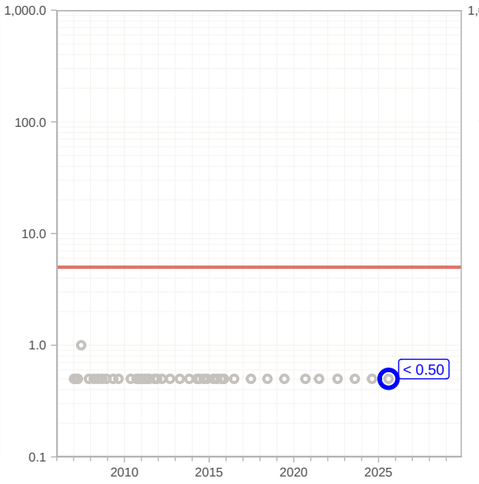
All | N = 42; ND = 42; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



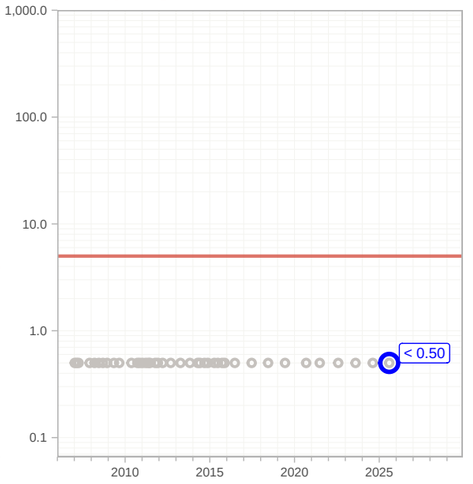
All | N = 41; ND = 41; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 42; ND = 42; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 41; ND = 41; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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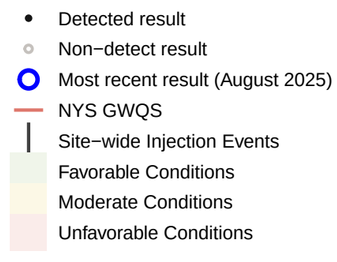
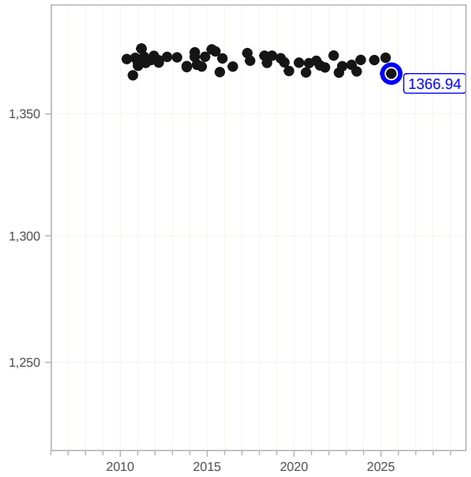


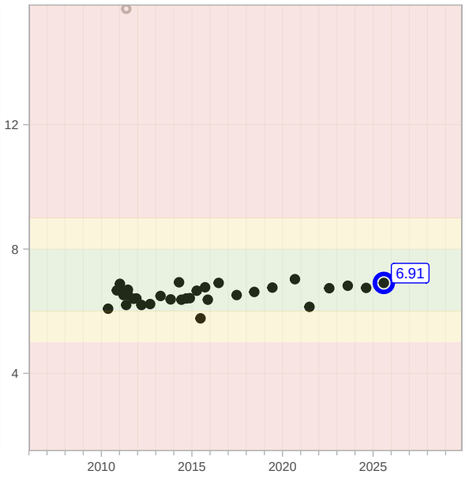
BP−12A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



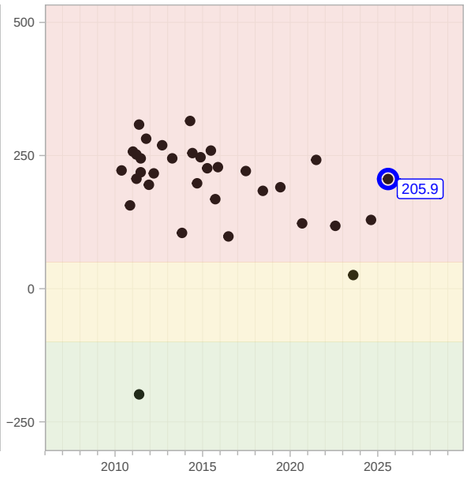
All | N = 53; ND = 0; %ND = 0; M−K = decreasing

pH (SU)



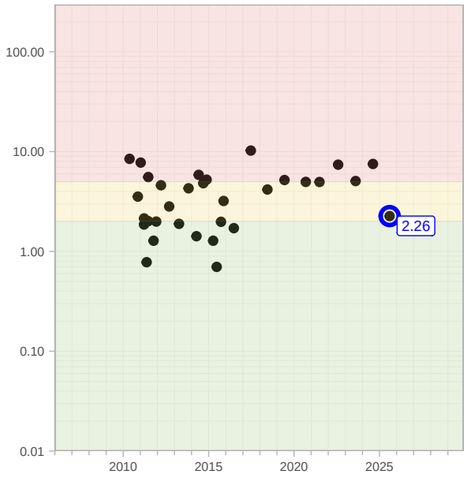
All | N = 33; ND = 1; %ND = 3; M−K = probably increasing

Oxidation/Reduction Potential (mV)



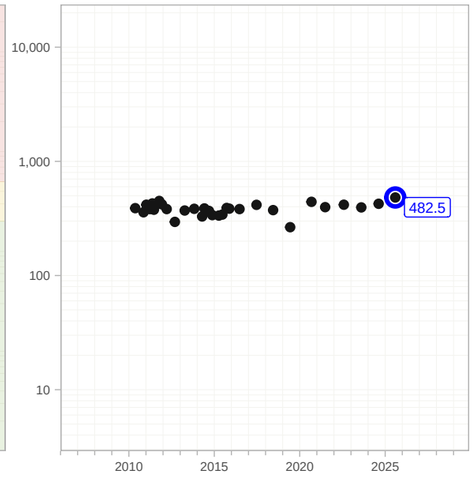
All | N = 33; ND = 0; %ND = 0; M−K = decreasing

Dissolved Oxygen (mg/L)



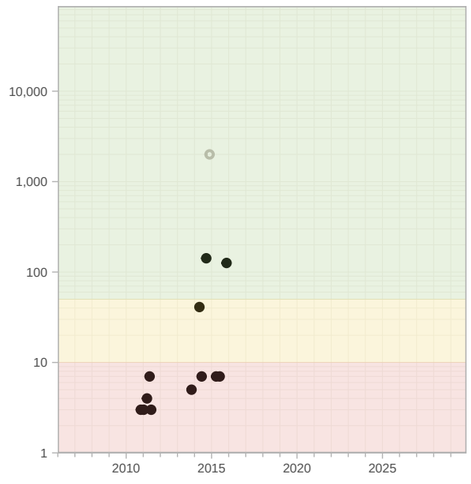
All | N = 33; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



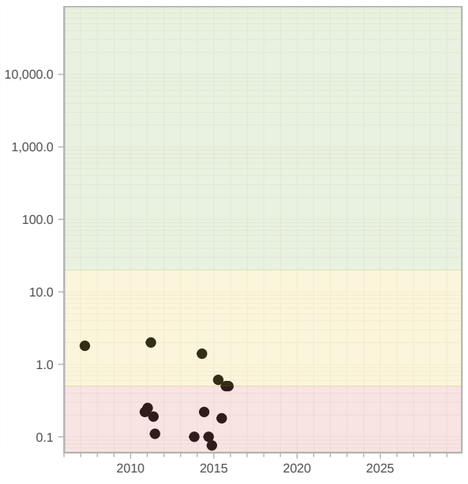
All | N = 33; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



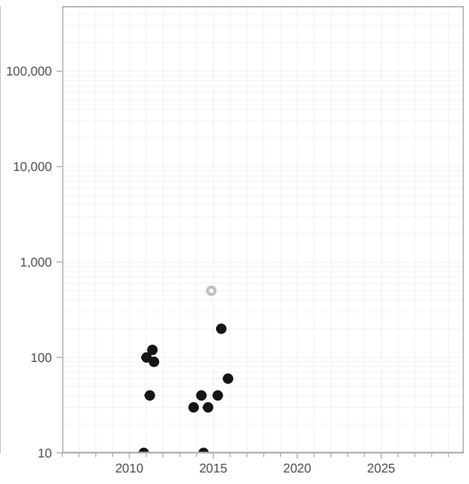
All | N = 13; ND = 1; %ND = 7.7; M−K = increasing

Methane (ug/L)



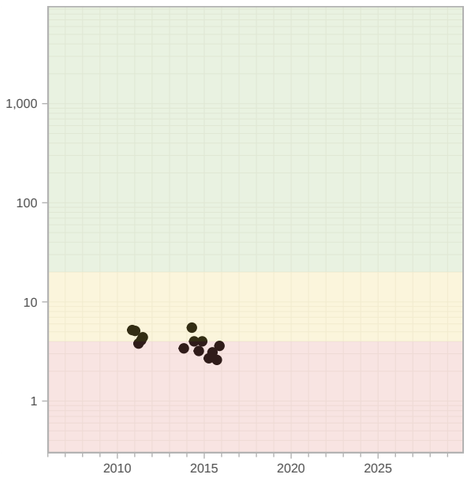
All | N = 15; ND = 0; %ND = 0; M−K = no trend

Iron − Ferrous (ug/L)



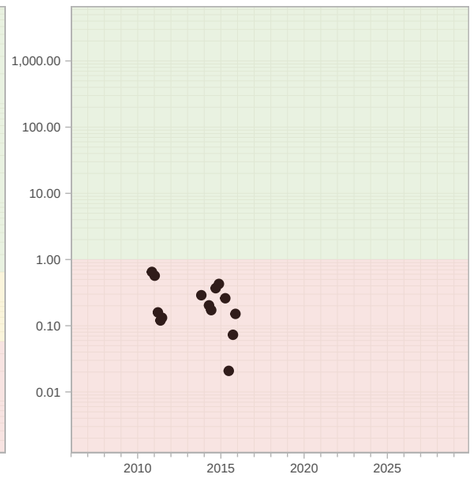
All | N = 13; ND = 1; %ND = 7.7; M−K = stable

Total Organic Carbon (mg/L)



All | N = 14; ND = 0; %ND = 0; M−K = strong decreasing

Total Volatile Fatty Acids (mg/L)



All | N = 14; ND = 0; %ND = 0; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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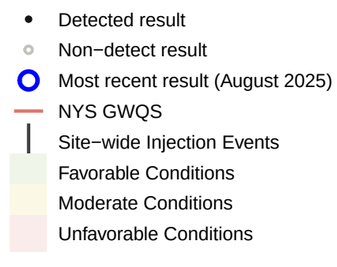
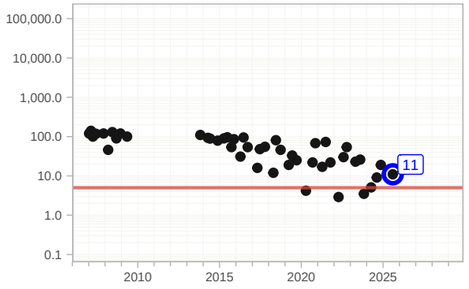


BP−13A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

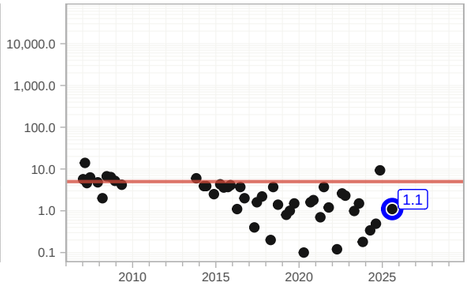
NYS GWQS = 5 ug/L



All | N = 46; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

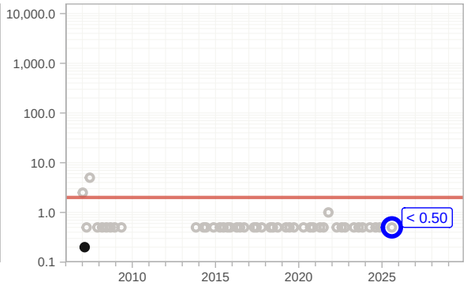
NYS GWQS = 5 ug/L



All | N = 46; ND = 0; %ND = 0; M−K = strong decreasing

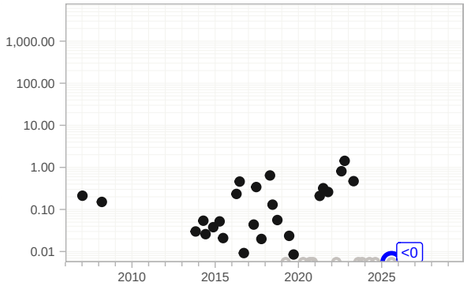
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



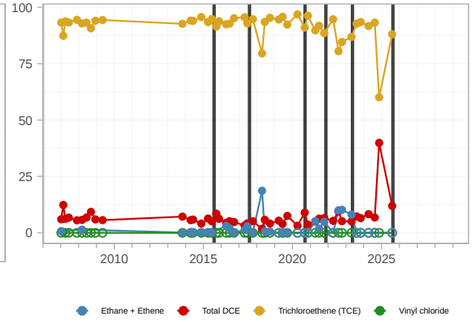
All | N = 46; ND = 45; %ND = 97.8; M−K = no trend

Ethane + Ethene (ug/L)



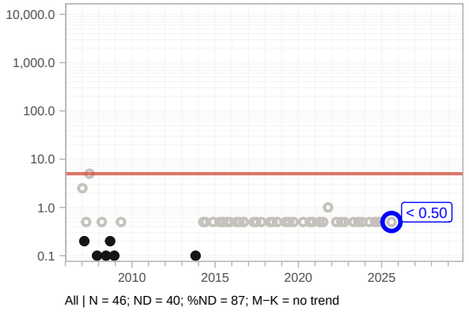
All | N = 35; ND = 10; %ND = 28.6; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

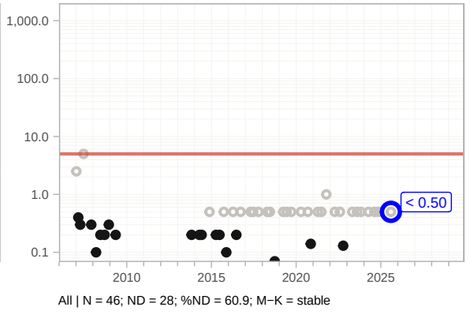
NYS GWQS = 5 ug/L



All | N = 46; ND = 40; %ND = 87; M−K = no trend

Dichloroethene (1,1−) (ug/L)

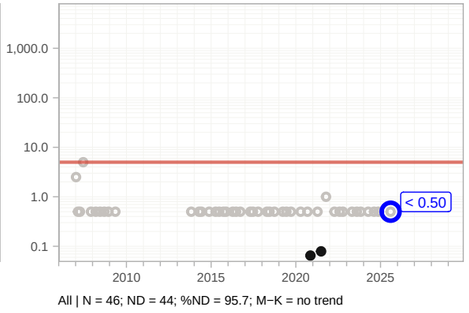
NYS GWQS = 5 ug/L



All | N = 46; ND = 28; %ND = 60.9; M−K = stable

Tetrachloroethene (PCE) (ug/L)

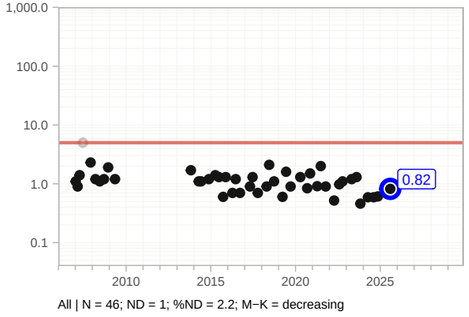
NYS GWQS = 5 ug/L



All | N = 46; ND = 44; %ND = 95.7; M−K = no trend

Carbon tetrachloride (ug/L)

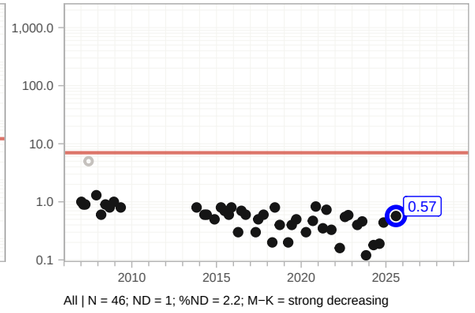
NYS GWQS = 5 ug/L



All | N = 46; ND = 1; %ND = 2.2; M−K = decreasing

Chloroform (Trichloromethane) (ug/L)

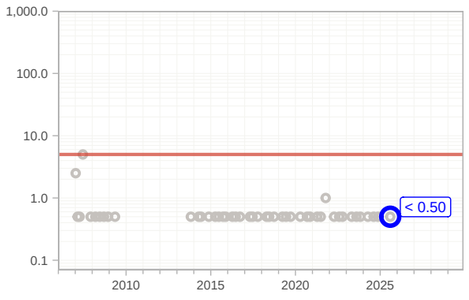
NYS GWQS = 7 ug/L



All | N = 46; ND = 1; %ND = 2.2; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

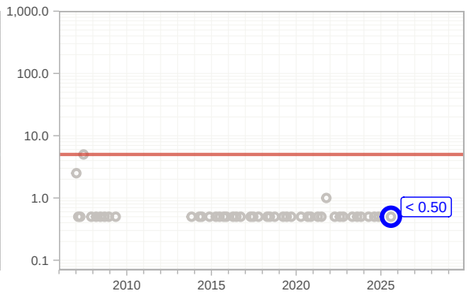
NYS GWQS = 5 ug/L



All | N = 46; ND = 46; %ND = 100; M−K = no trend

Chloromethane (ug/L)

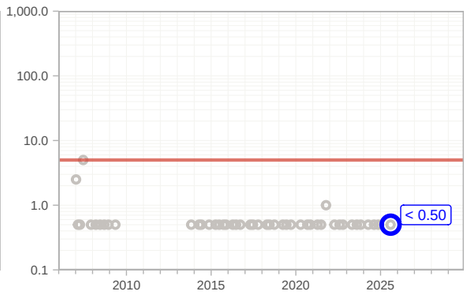
NYS GWQS = 5 ug/L



All | N = 46; ND = 46; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

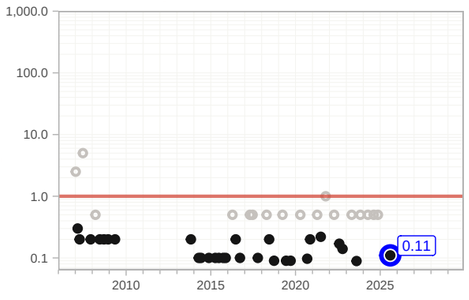
NYS GWQS = 5 ug/L



All | N = 46; ND = 46; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

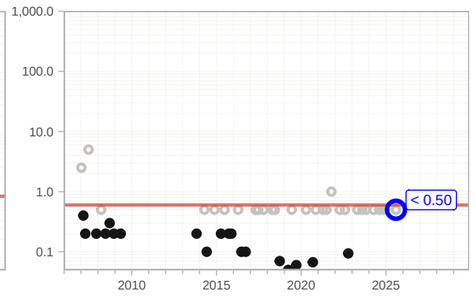
NYS GWQS = 1 ug/L



All | N = 46; ND = 17; %ND = 37; M−K = stable

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 46; ND = 27; %ND = 58.7; M−K = stable

Notes:
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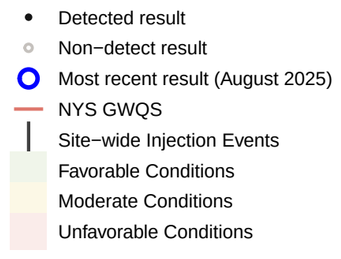
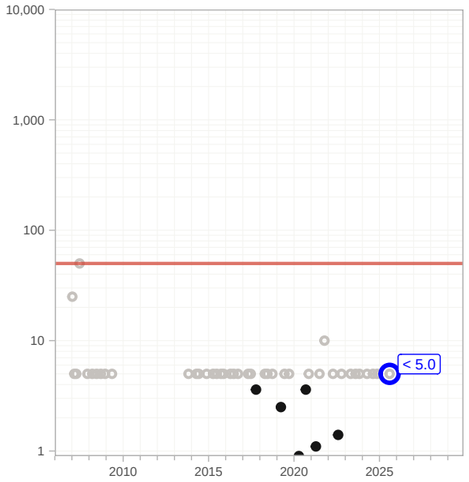
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−13A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

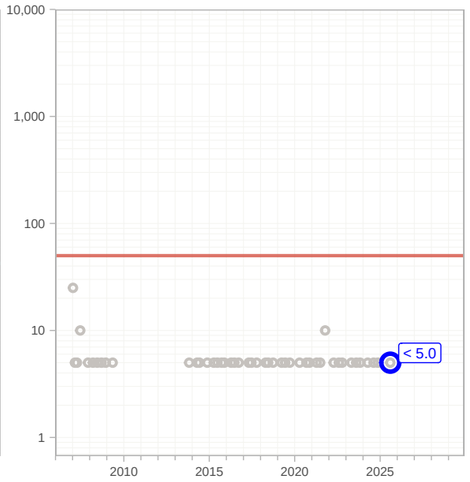
NYS GWQS = 50 ug/L



All | N = 46; ND = 40; %ND = 87; M−K = no trend

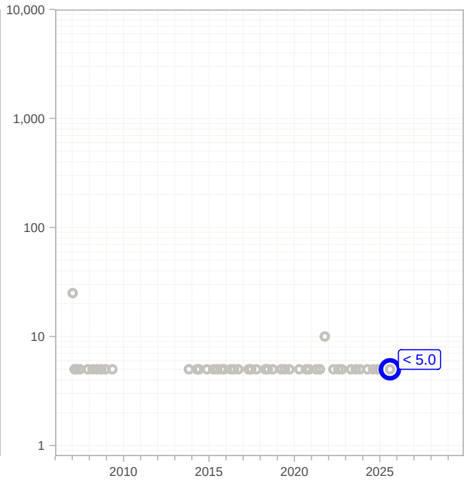
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 46; ND = 46; %ND = 100; M−K = no trend

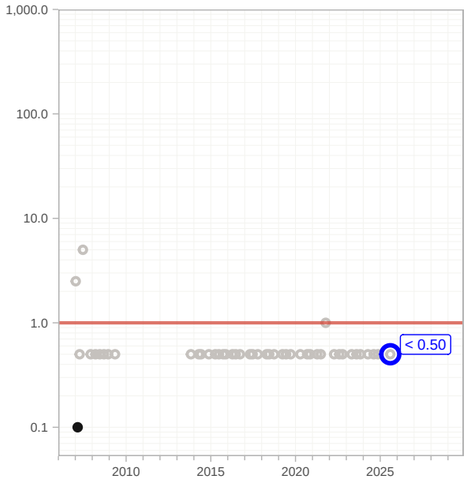
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 46; ND = 46; %ND = 100; M−K = no trend

Benzene (ug/L)

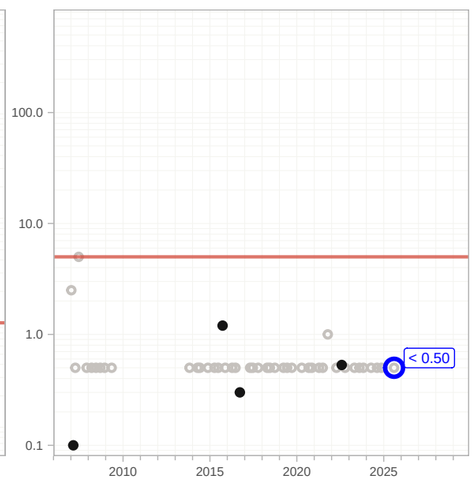
NYS GWQS = 1 ug/L



All | N = 46; ND = 45; %ND = 97.8; M−K = no trend

Toluene (ug/L)

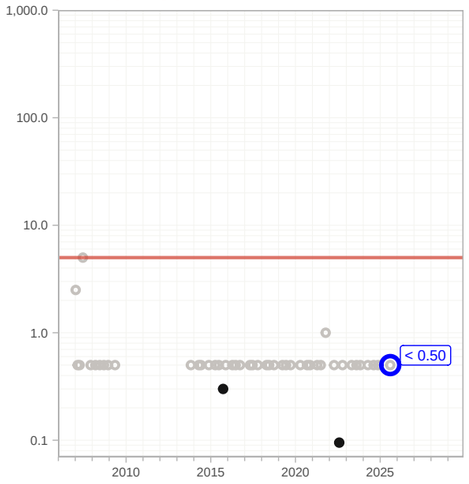
NYS GWQS = 5 ug/L



All | N = 46; ND = 42; %ND = 91.3; M−K = no trend

Ethylbenzene (ug/L)

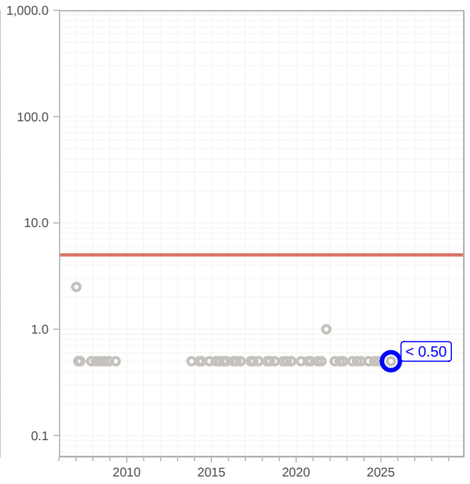
NYS GWQS = 5 ug/L



All | N = 46; ND = 44; %ND = 95.7; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

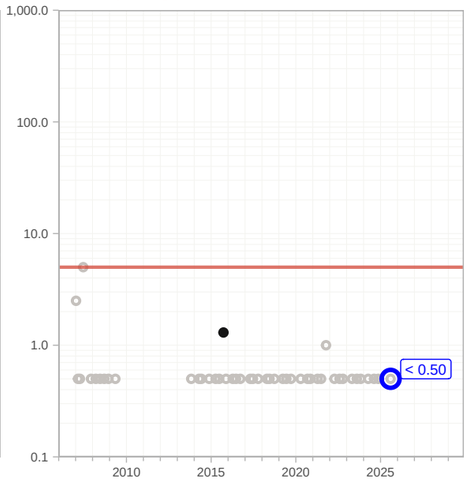
NYS GWQS = 5 ug/L



All | N = 45; ND = 45; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

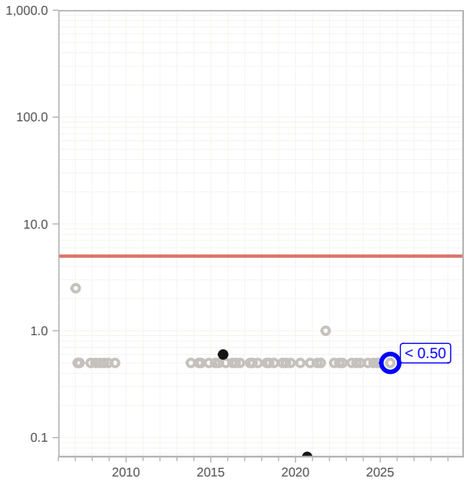
NYS GWQS = 5 ug/L



All | N = 46; ND = 45; %ND = 97.8; M−K = no trend

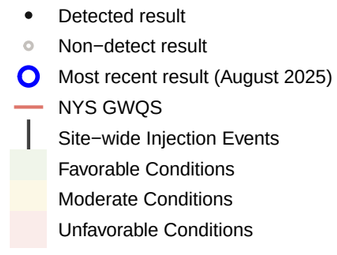
Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



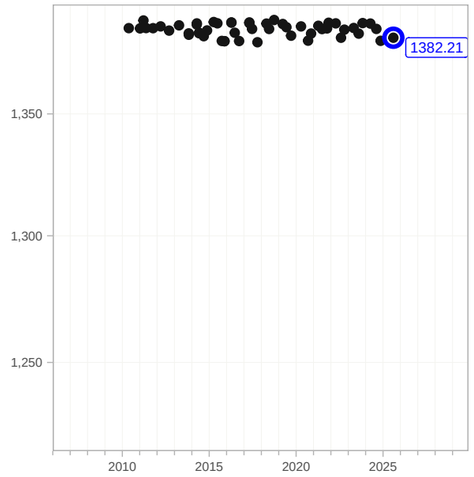
All | N = 45; ND = 43; %ND = 95.6; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



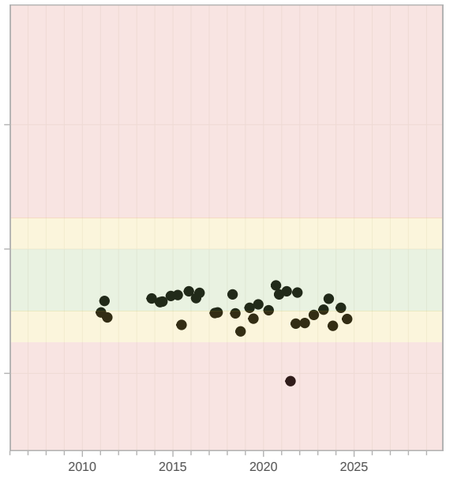
BP−13A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



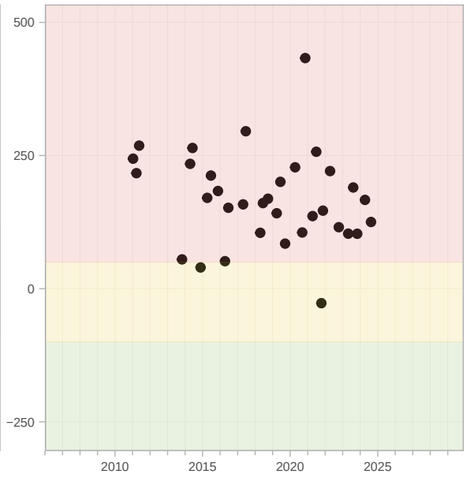
All | N = 52; ND = 0; %ND = 0; M−K = stable

pH (SU)



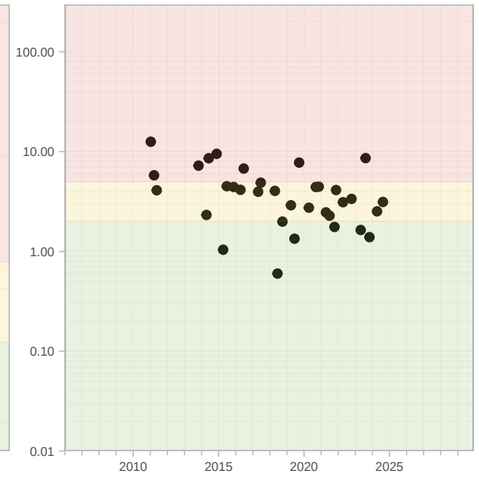
All | N = 34; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



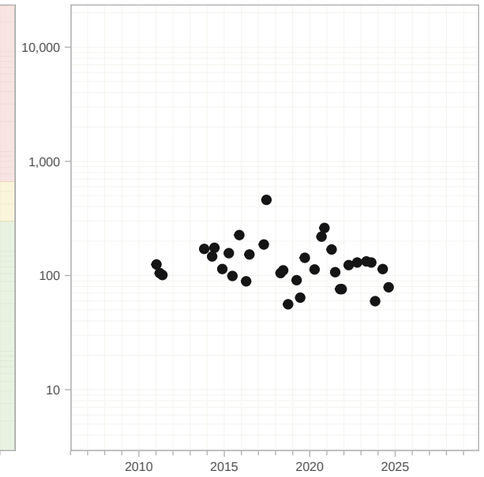
All | N = 34; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



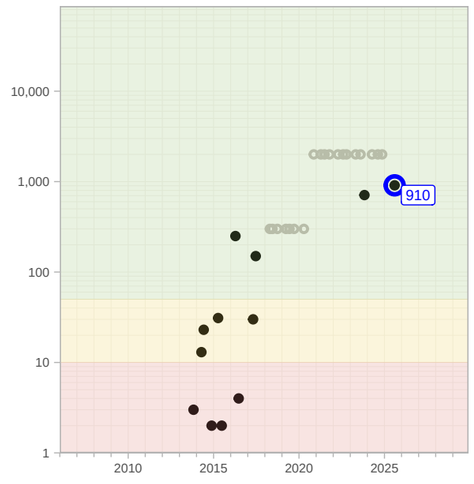
All | N = 34; ND = 0; %ND = 0; M−K = decreasing

Specific Conductance (uS/cm)



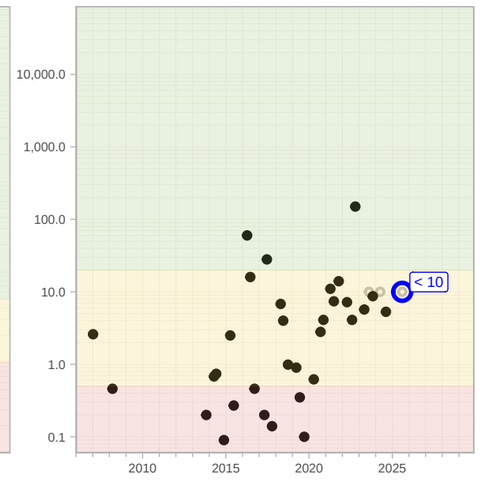
All | N = 34; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



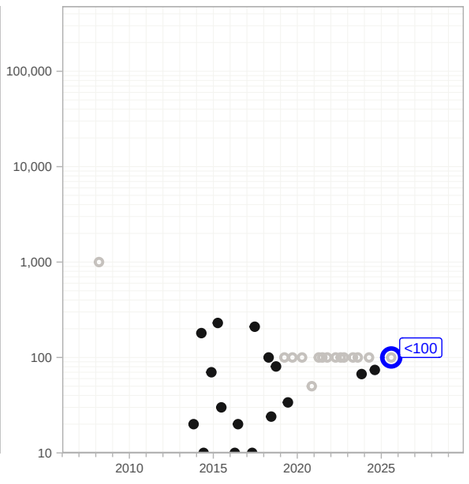
All | N = 31; ND = 19; %ND = 61.3; M−K = no trend

Methane (ug/L)



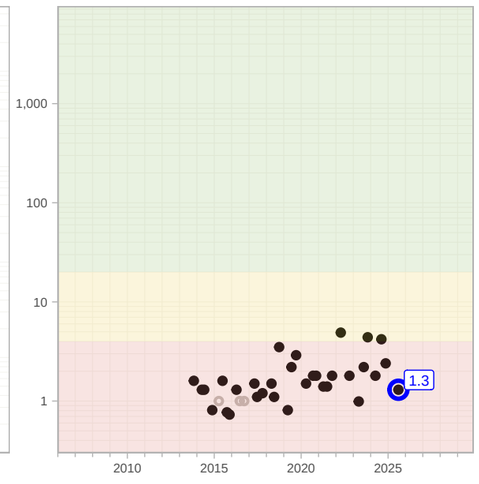
All | N = 35; ND = 3; %ND = 8.6; M−K = increasing

Iron − Ferrous (ug/L)



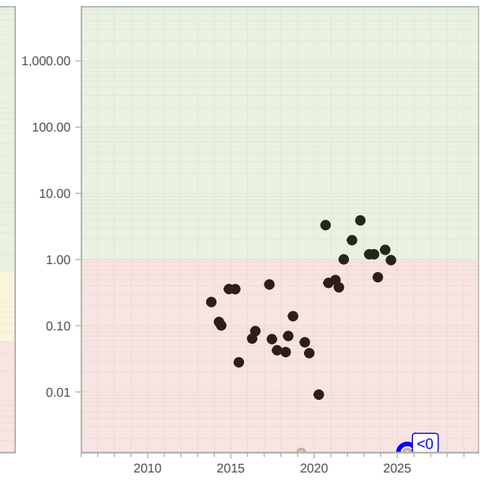
All | N = 31; ND = 15; %ND = 48.4; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 35; ND = 3; %ND = 8.6; M−K = strong increasing

Total Volatile Fatty Acids (mg/L)



All | N = 31; ND = 2; %ND = 6.4; M−K = increasing

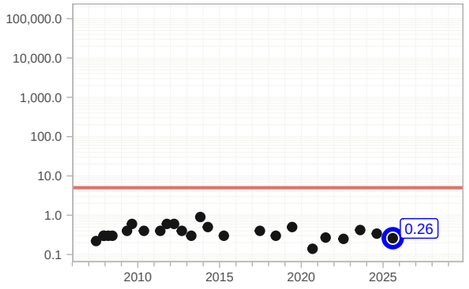
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−14A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

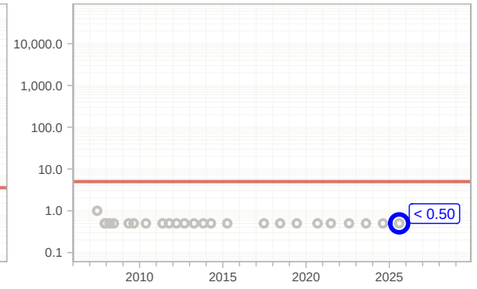
NYS GWQS = 5 ug/L



All | N = 25; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

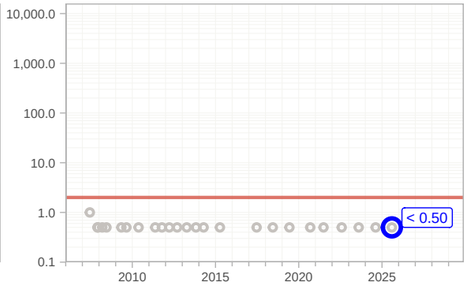
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

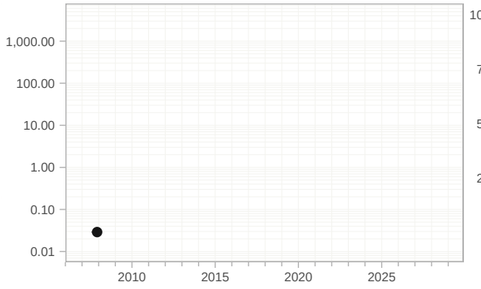
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



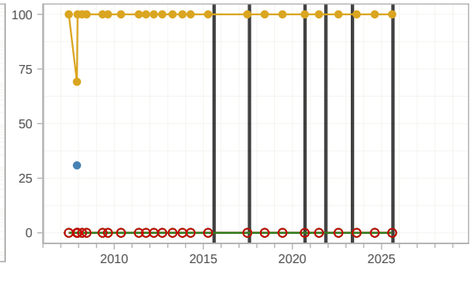
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



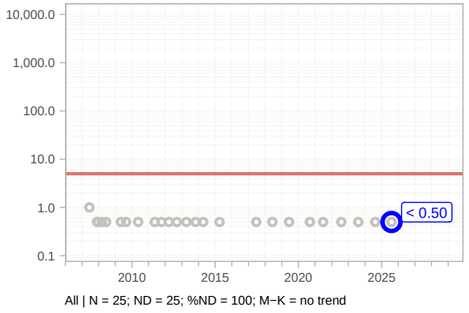
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

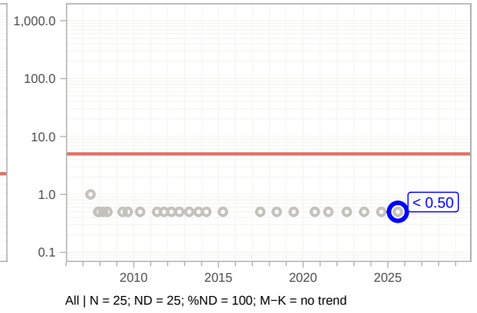
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

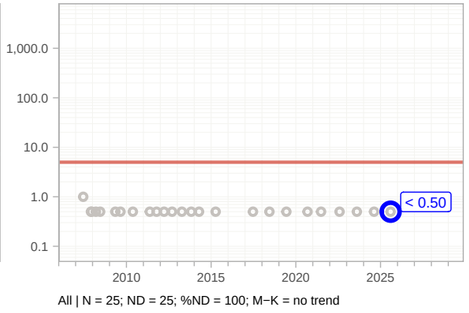
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

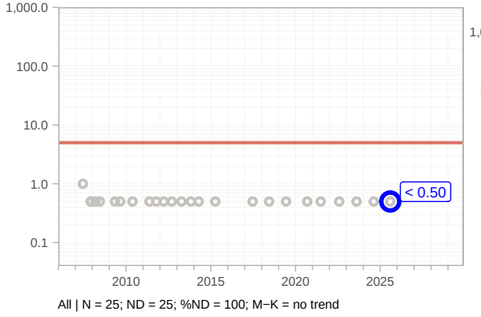
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

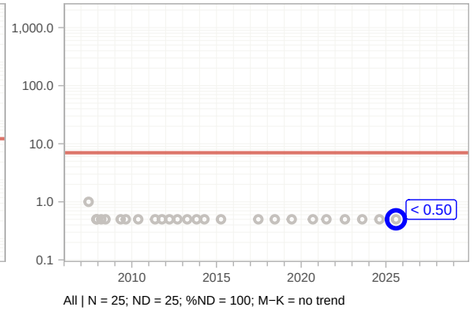
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

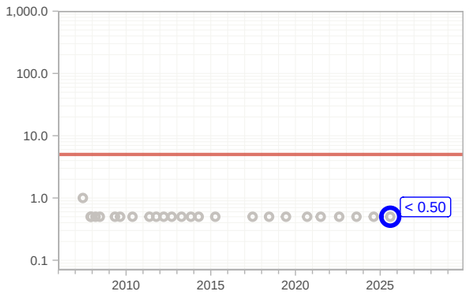
NYS GWQS = 7 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

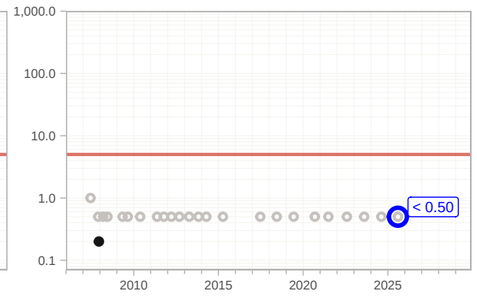
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Chloromethane (ug/L)

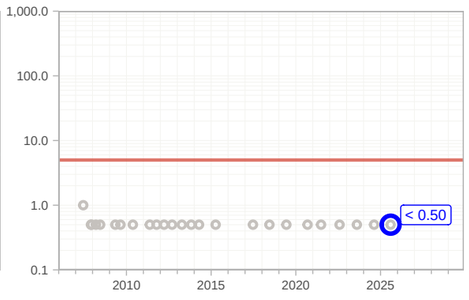
NYS GWQS = 5 ug/L



All | N = 25; ND = 24; %ND = 96; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

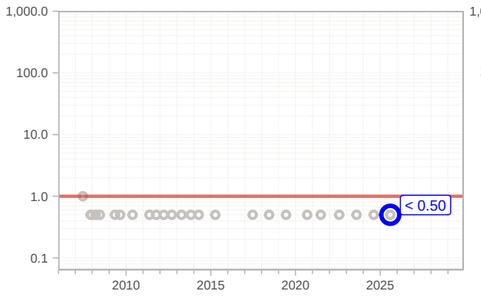
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

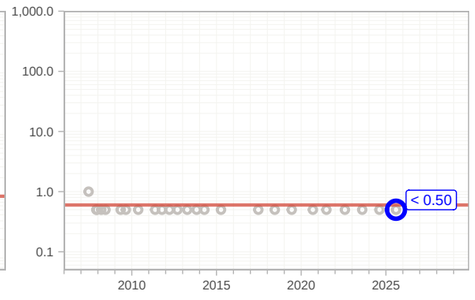
NYS GWQS = 1 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
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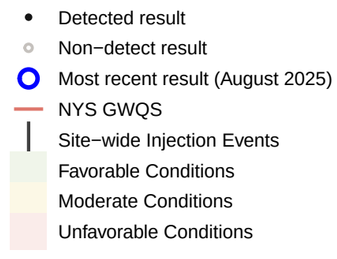
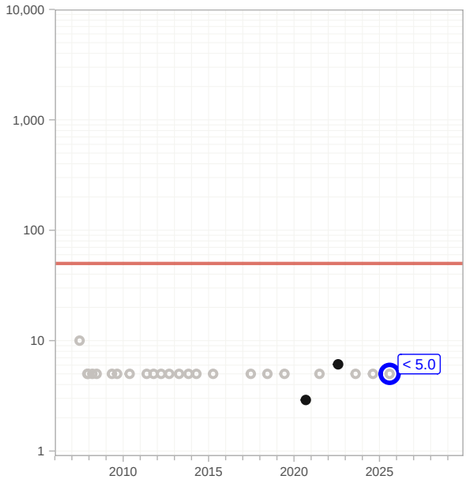
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



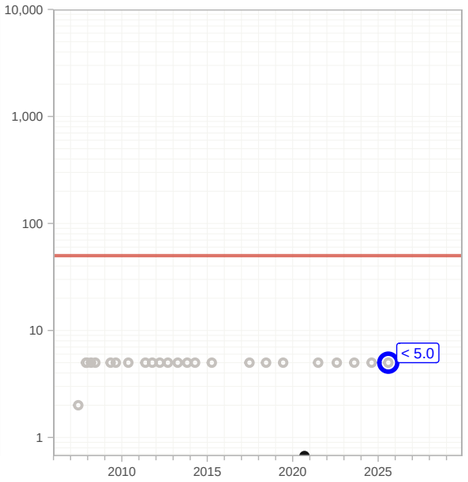
BP−14A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



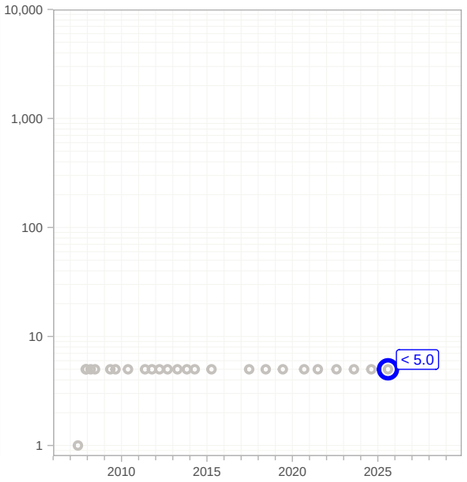
All | N = 25; ND = 23; %ND = 92; M−K = no trend

Butanone (2−) (MEK) (ug/L)



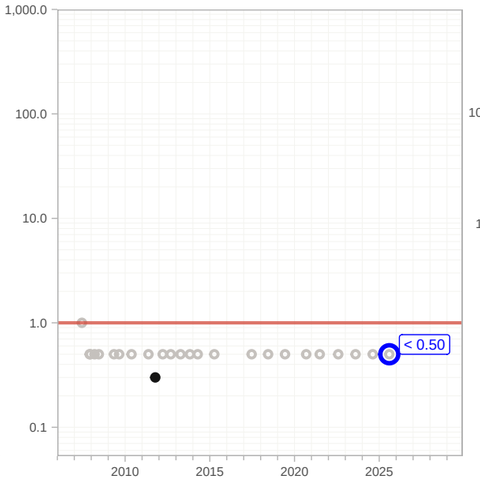
All | N = 25; ND = 24; %ND = 96; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



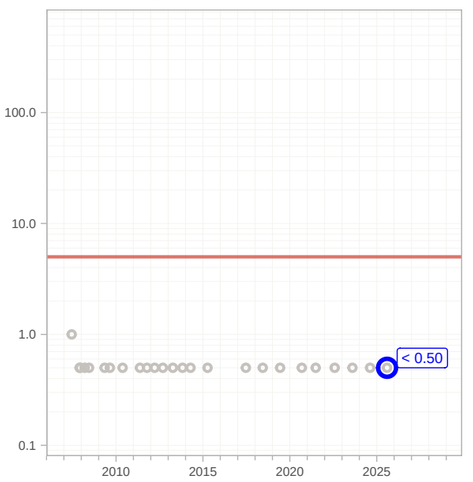
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Benzene (ug/L)



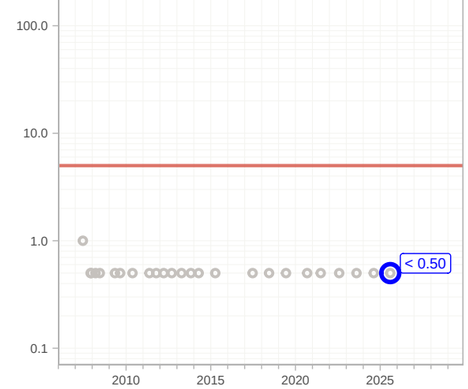
All | N = 25; ND = 24; %ND = 96; M−K = no trend

Toluene (ug/L)



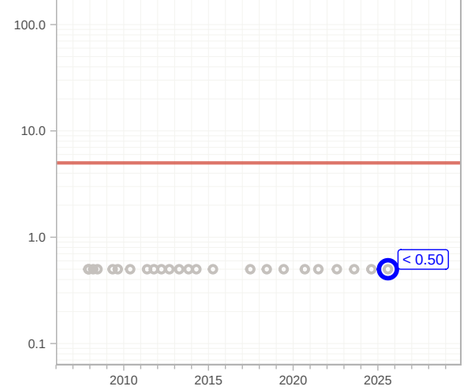
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



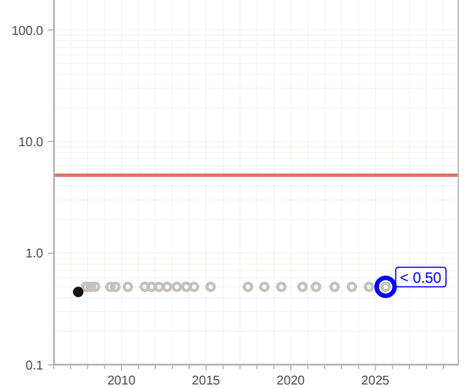
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



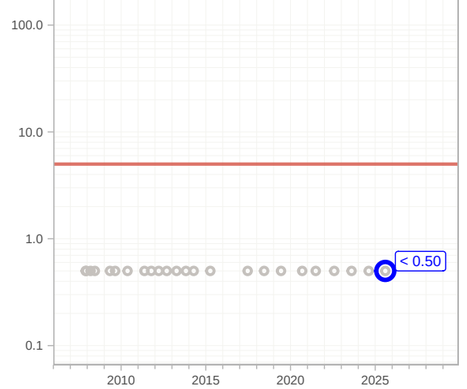
All | N = 24; ND = 24; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 25; ND = 24; %ND = 96; M−K = no trend

Xylene (o−) (ug/L)



All | N = 24; ND = 24; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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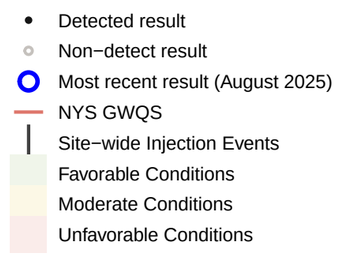
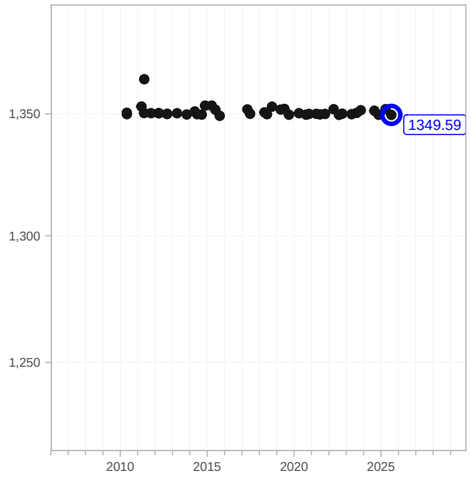
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



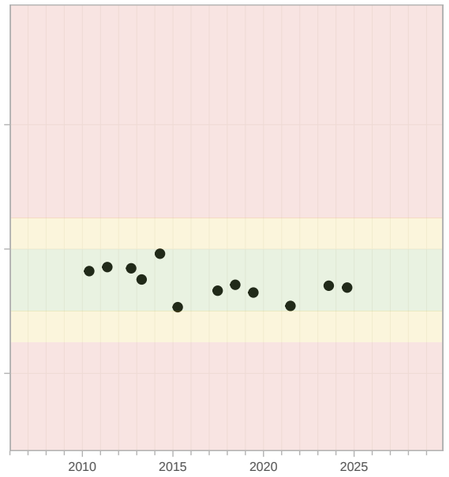
BP−14A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



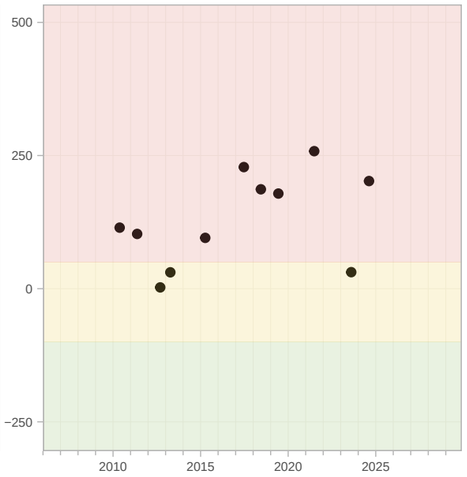
All | N = 43; ND = 0; %ND = 0; M−K = stable

pH (SU)



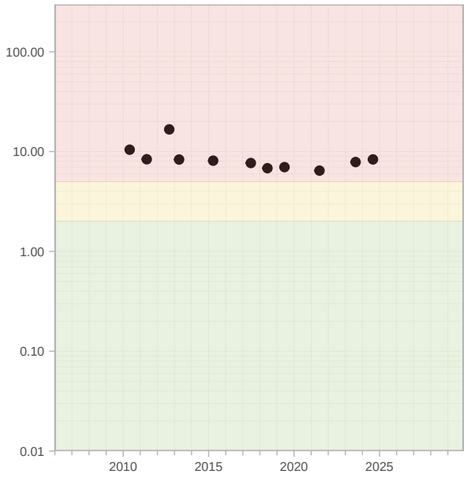
All | N = 12; ND = 0; %ND = 0; M−K = probably decreasing

Oxidation/Reduction Potential (mV)



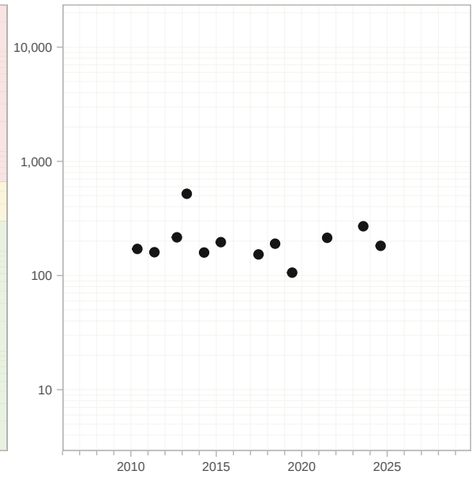
All | N = 11; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



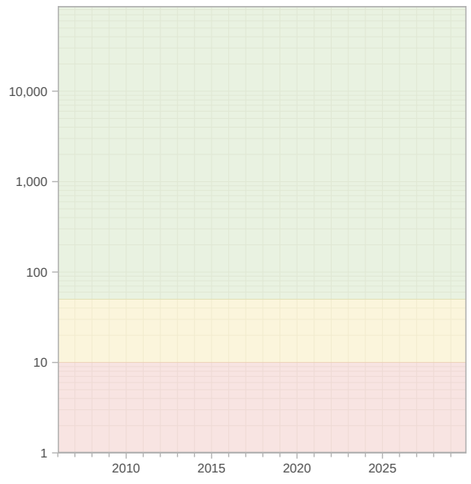
All | N = 11; ND = 0; %ND = 0; M−K = decreasing

Specific Conductance (uS/cm)



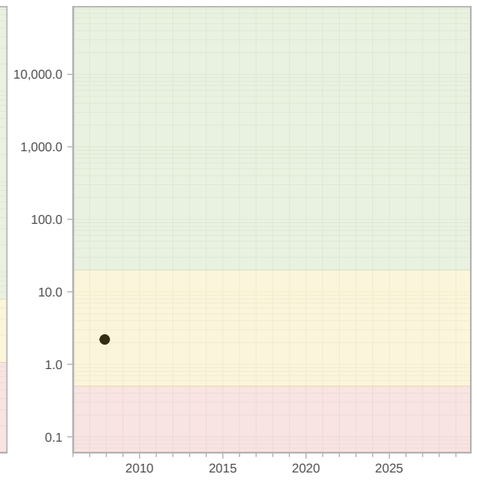
All | N = 12; ND = 0; %ND = 0; M−K = stable

Sulfide



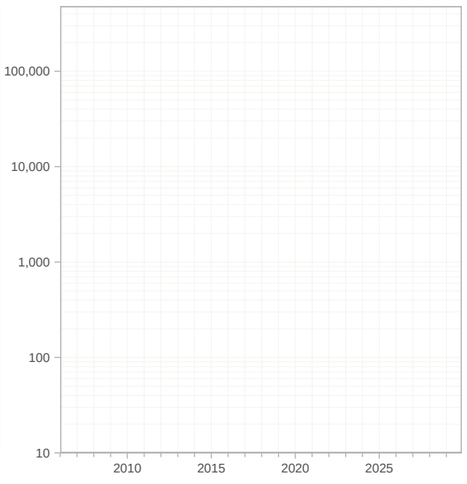
No Data

Methane (ug/L)



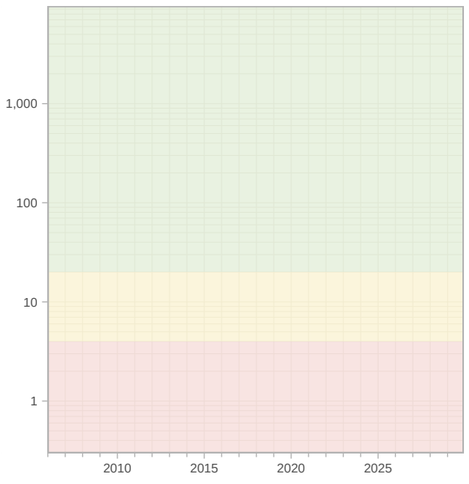
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



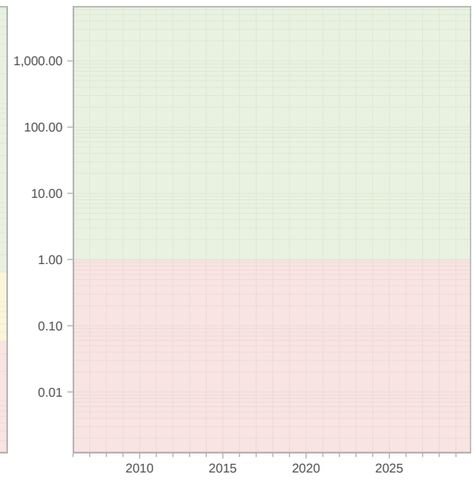
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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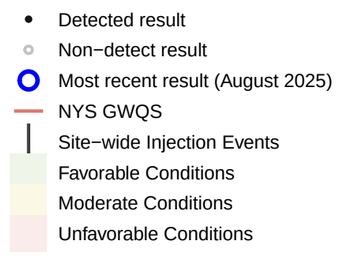
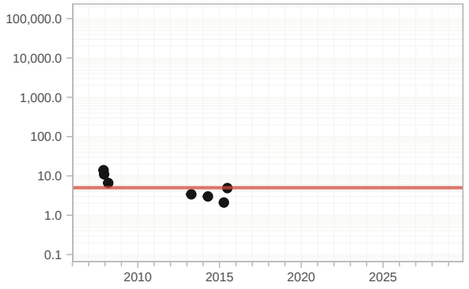


BP−15A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

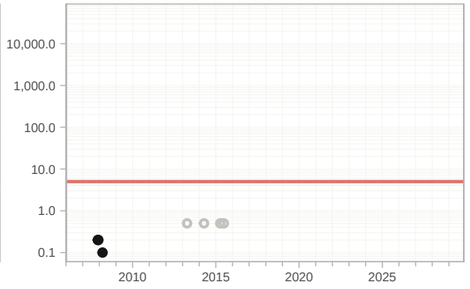
NYS GWQS = 5 ug/L



All | N = 7; ND = 0; %ND = 0; M−K = decreasing

Dichloroethene (cis−1,2−) (ug/L)

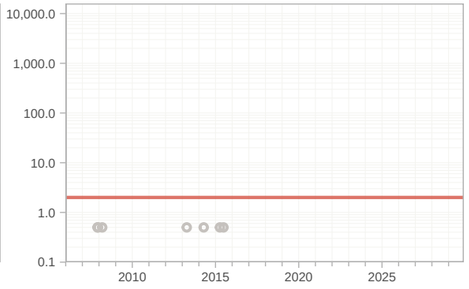
NYS GWQS = 5 ug/L



All | N = 7; ND = 4; %ND = 57.1; M−K = no trend

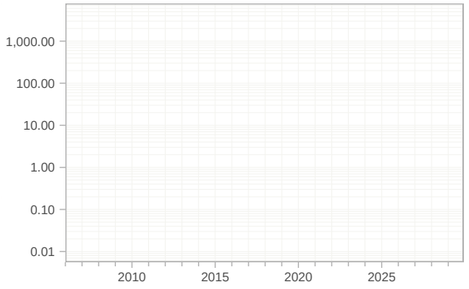
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



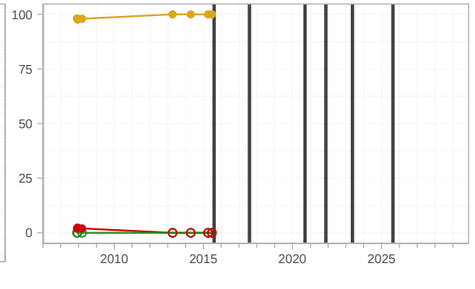
All | N = 7; ND = 7; %ND = 100; M−K = no trend

Ethane + Ethene



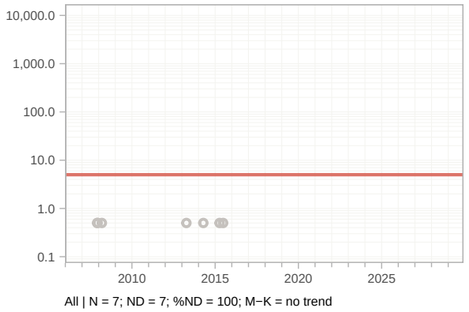
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

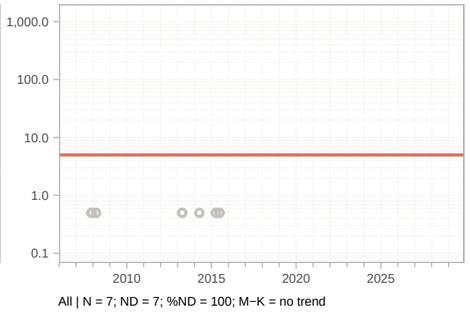
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

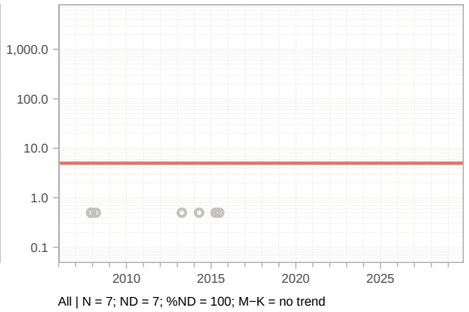
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

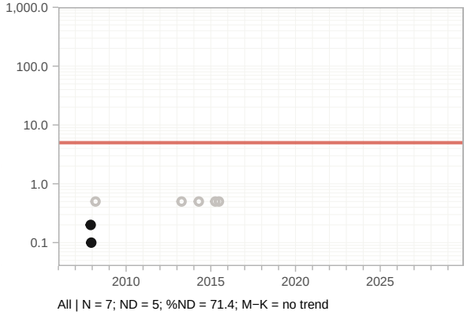
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

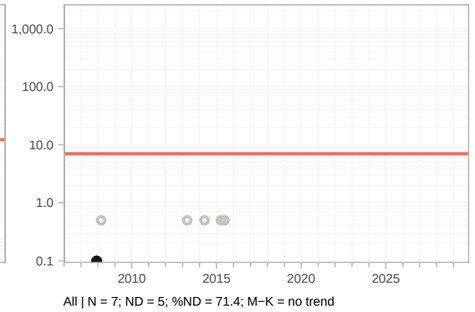
NYS GWQS = 5 ug/L



All | N = 7; ND = 5; %ND = 71.4; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

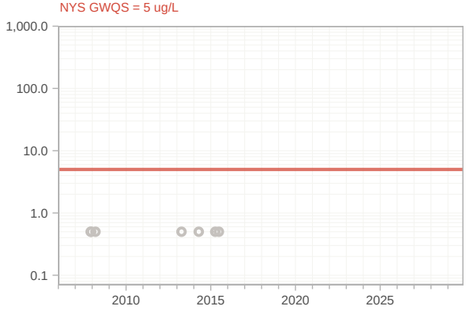
NYS GWQS = 7 ug/L



All | N = 7; ND = 5; %ND = 71.4; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

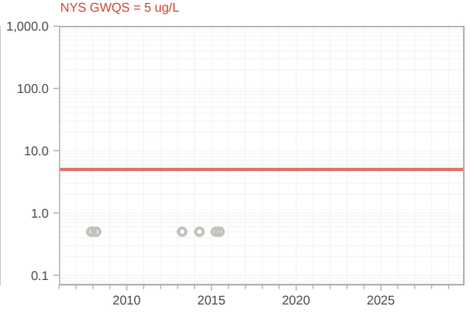
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Chloromethane (ug/L)

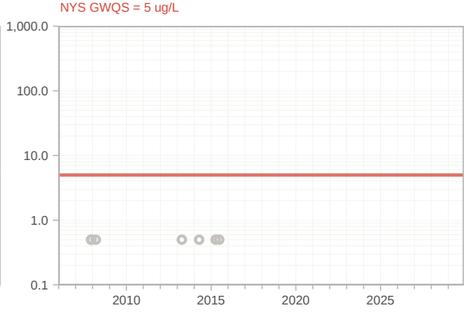
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

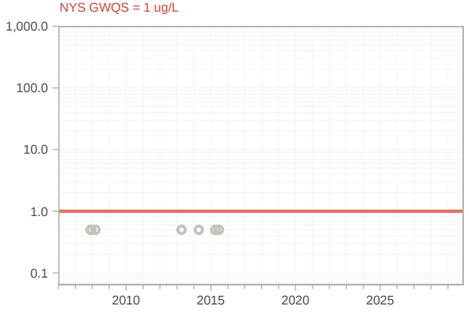
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

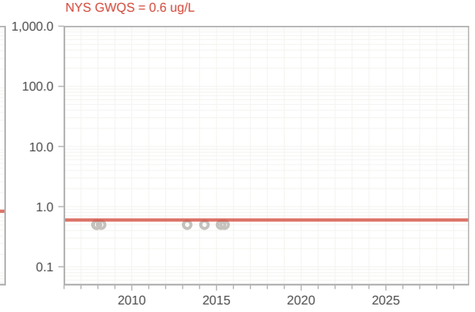
NYS GWQS = 1 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

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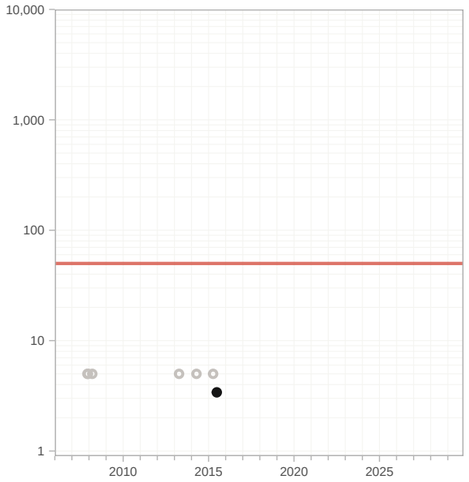
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

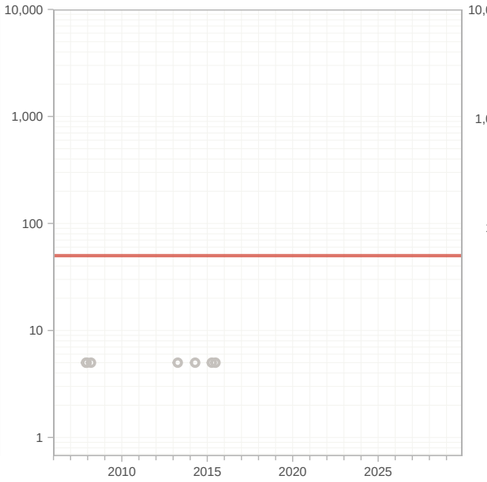
BP−15A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



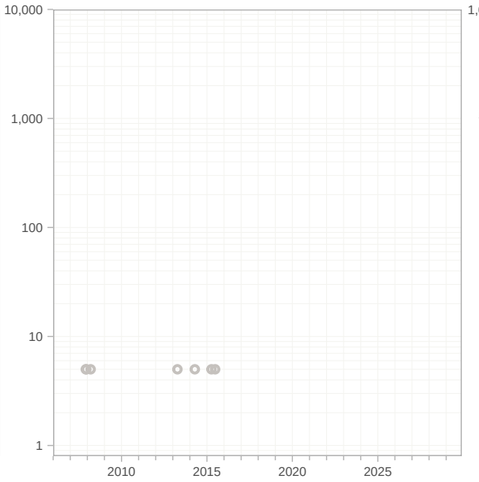
All | N = 7; ND = 6; %ND = 85.7; M−K = no trend

Butanone (2−) (MEK) (ug/L)



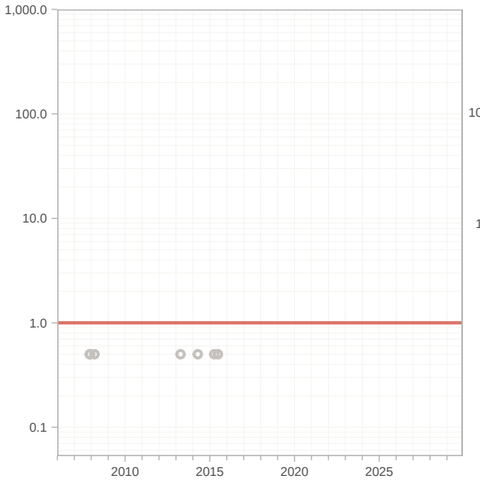
All | N = 7; ND = 7; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



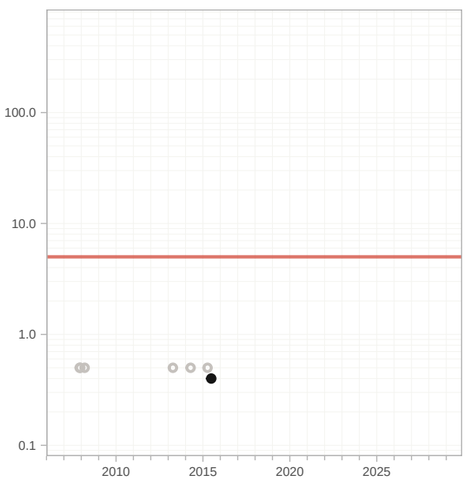
All | N = 7; ND = 7; %ND = 100; M−K = no trend

Benzene (ug/L)



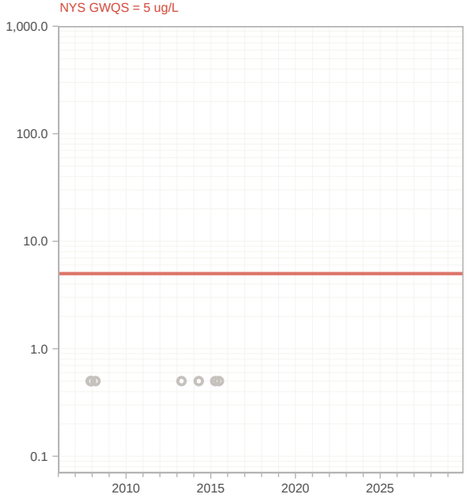
All | N = 7; ND = 7; %ND = 100; M−K = no trend

Toluene (ug/L)



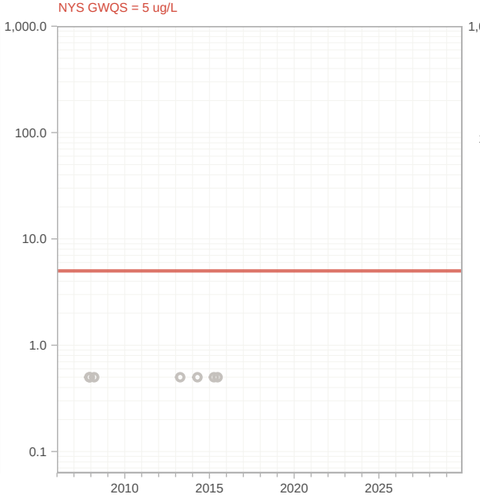
All | N = 7; ND = 6; %ND = 85.7; M−K = no trend

Ethylbenzene (ug/L)



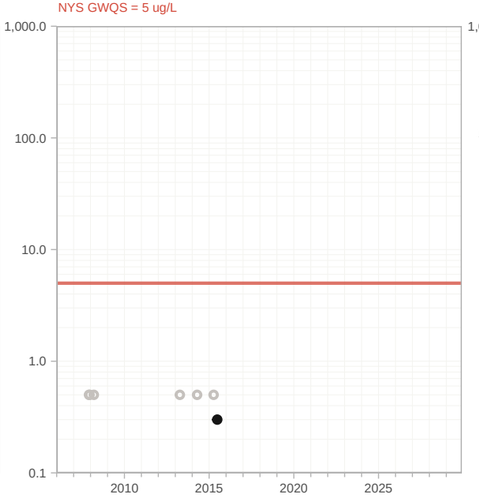
All | N = 7; ND = 7; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



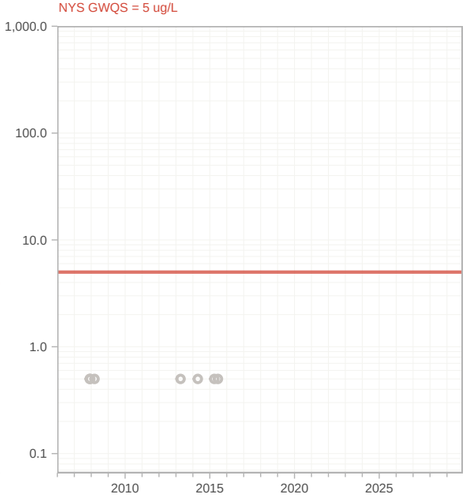
All | N = 7; ND = 7; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 7; ND = 6; %ND = 85.7; M−K = no trend

Xylene (o−) (ug/L)



All | N = 7; ND = 7; %ND = 100; M−K = no trend

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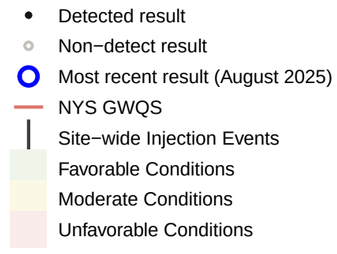
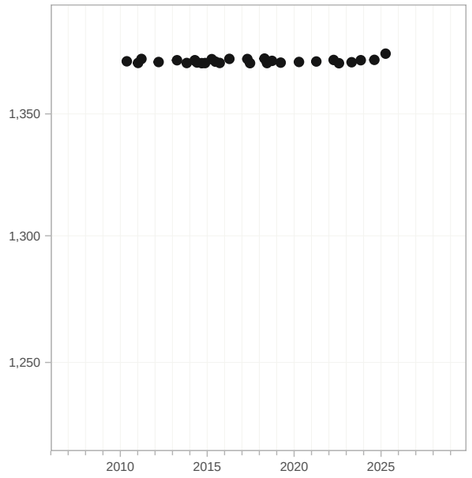


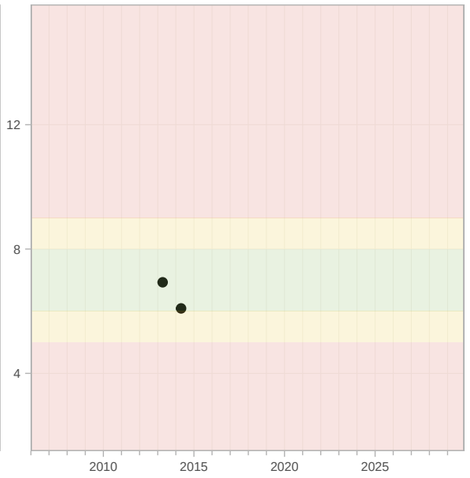
BP−15A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



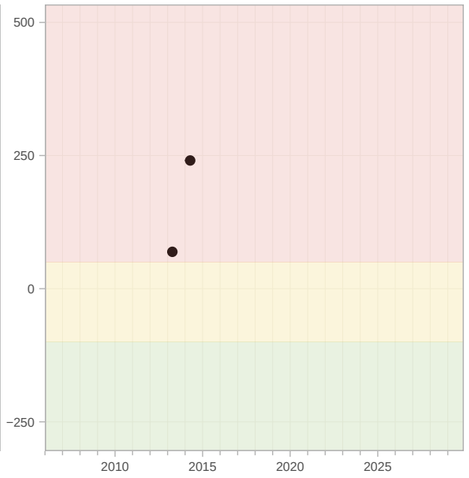
All | N = 29; ND = 0; %ND = 0; M−K = stable

pH (SU)



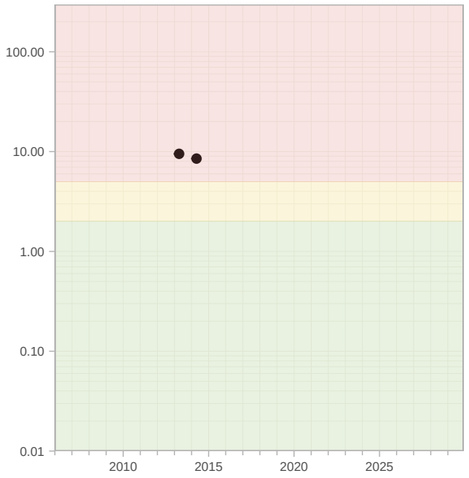
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



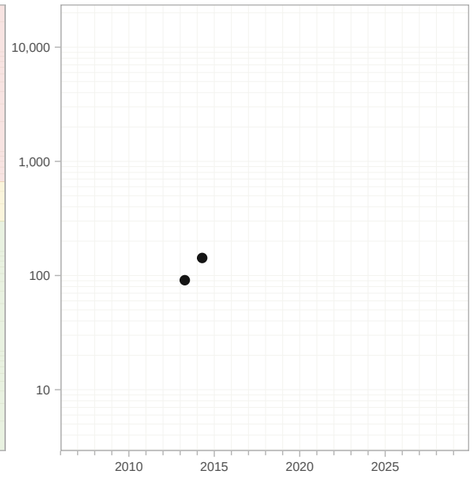
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



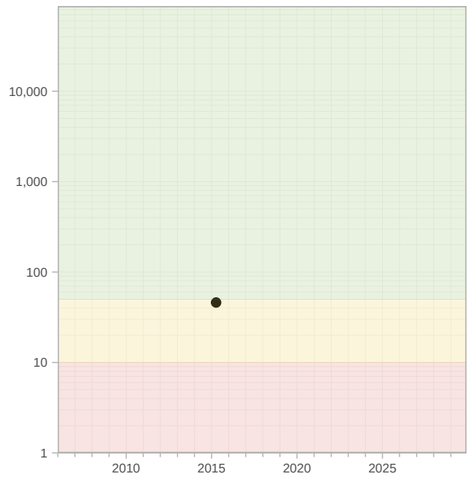
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



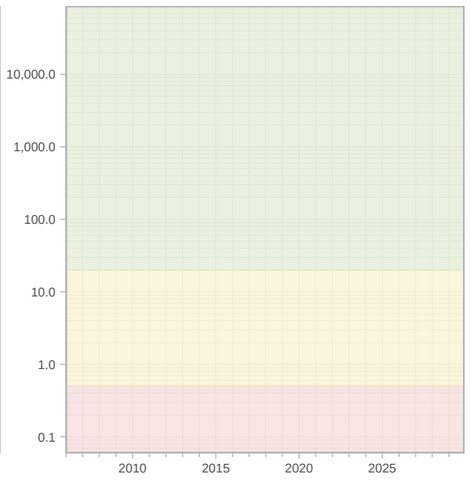
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Sulfide (ug/L)



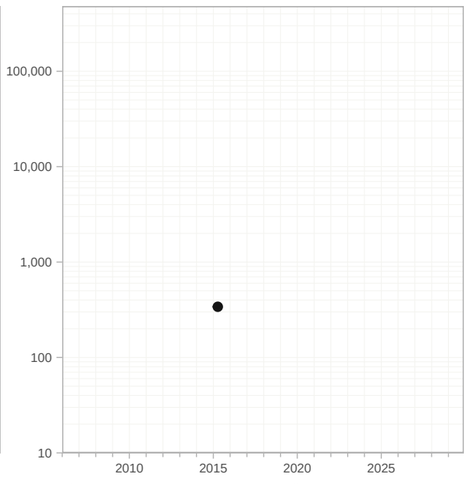
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane



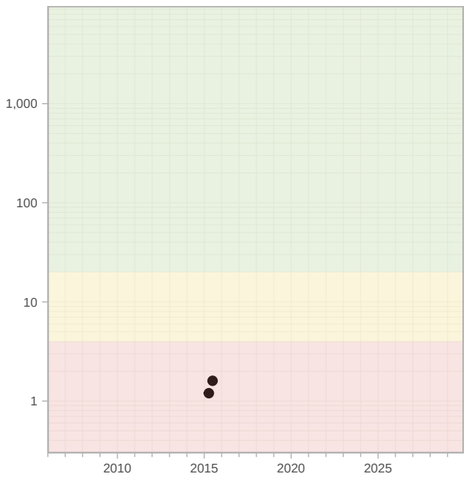
No Data

Iron − Ferrous (ug/L)



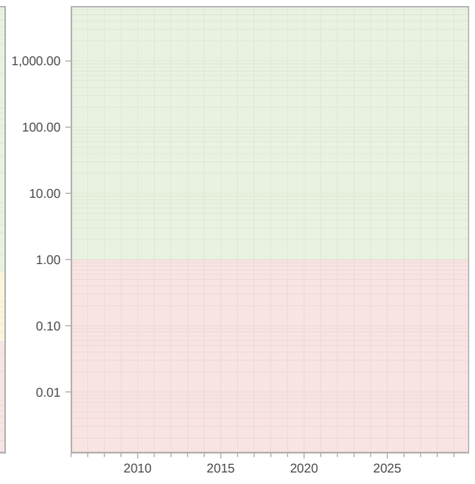
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

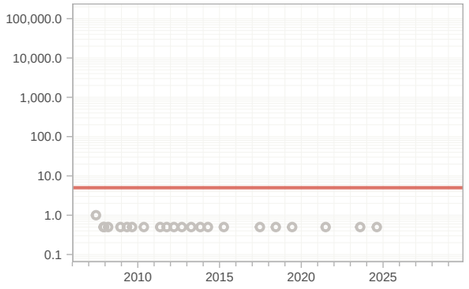
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−16A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

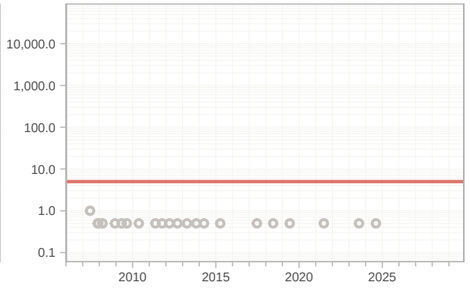
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

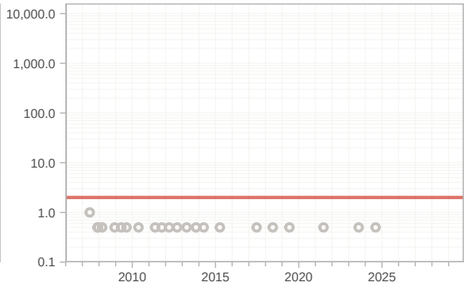
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

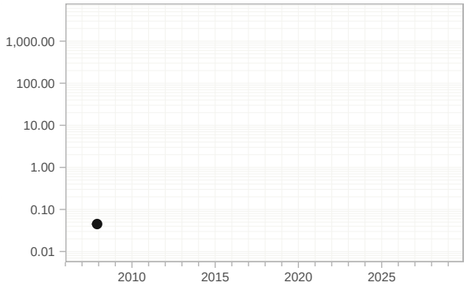
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



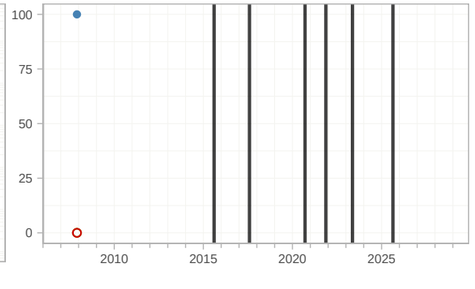
All | N = 22; ND = 22; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



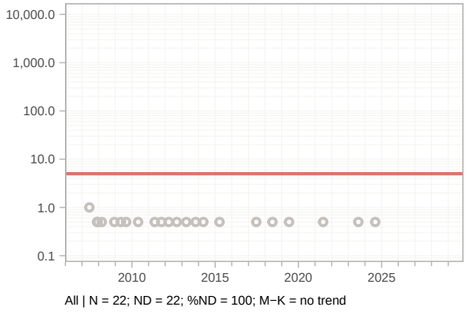
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

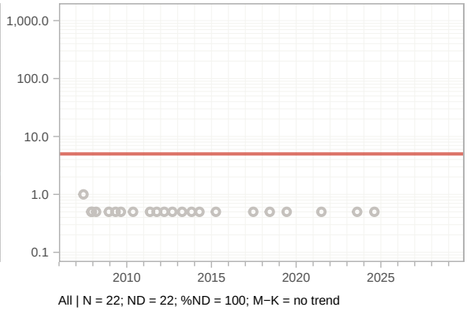
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

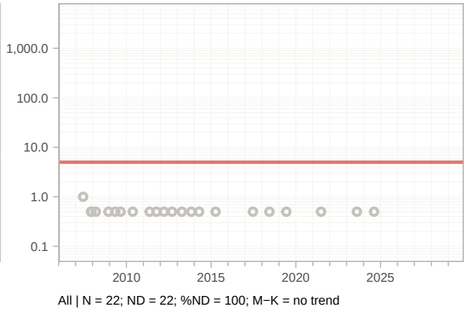
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

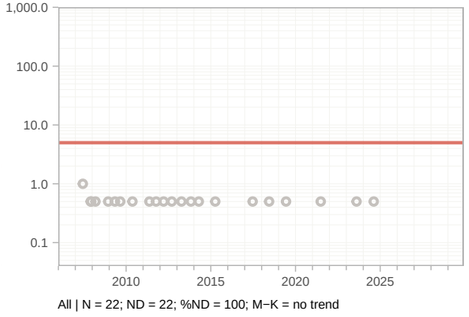
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

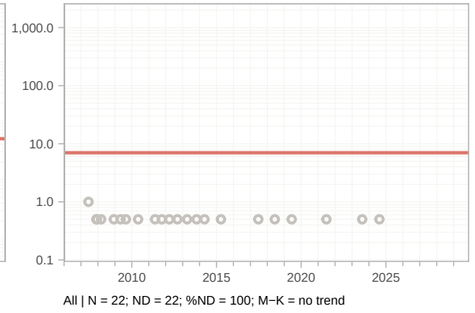
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

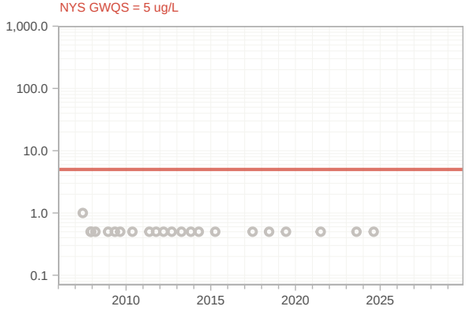
NYS GWQS = 7 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

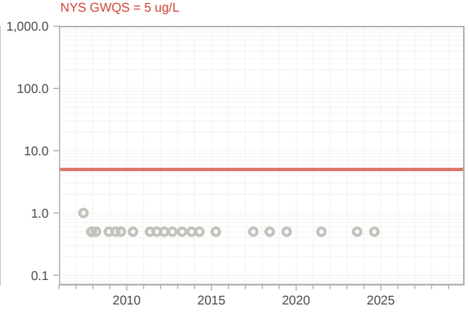
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Chloromethane (ug/L)

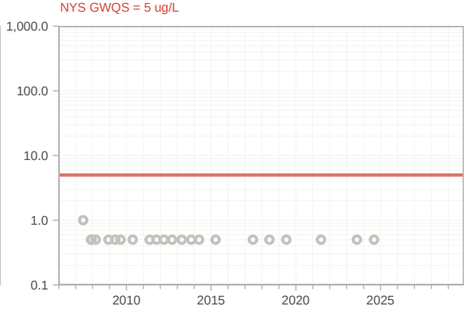
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

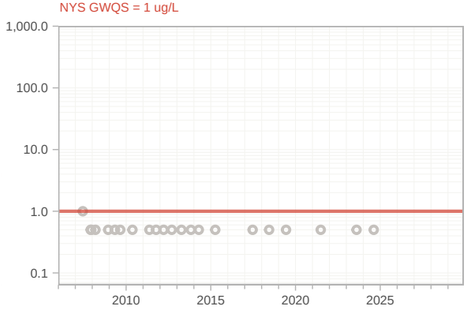
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

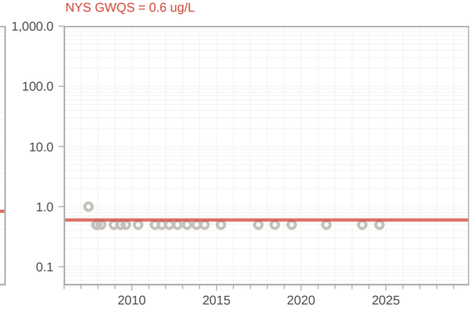
NYS GWQS = 1 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Notes:
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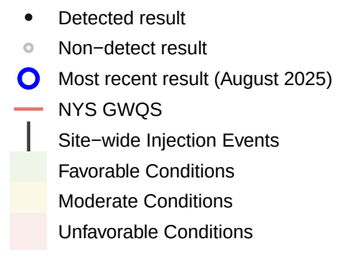
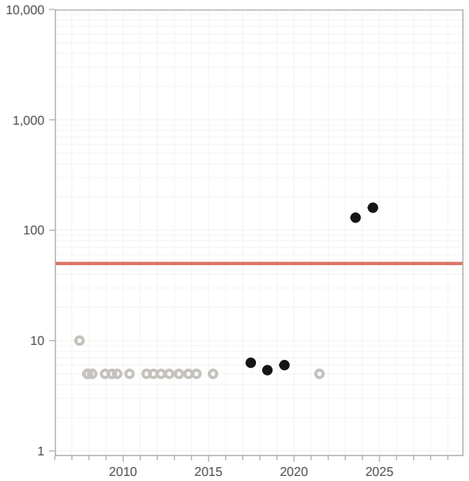


BP−16A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

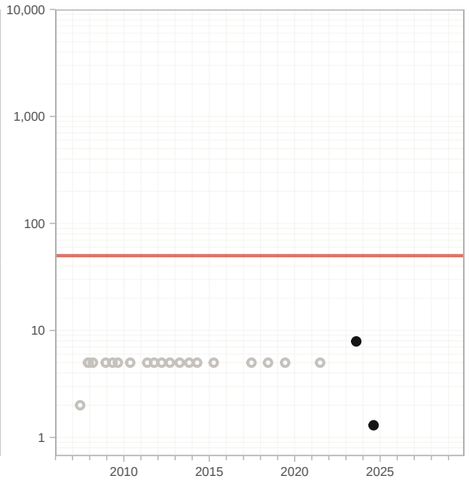
NYS GWQS = 50 ug/L



All | N = 22; ND = 17; %ND = 77.3; M−K = strong increasing

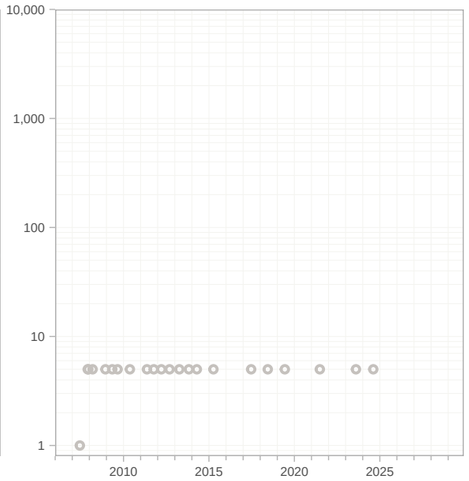
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 22; ND = 20; %ND = 90.9; M−K = no trend

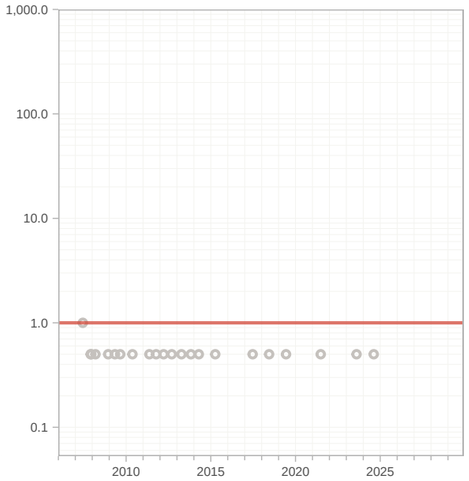
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Benzene (ug/L)

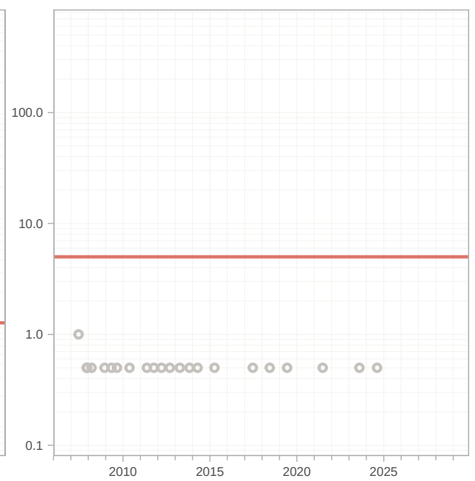
NYS GWQS = 1 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Toluene (ug/L)

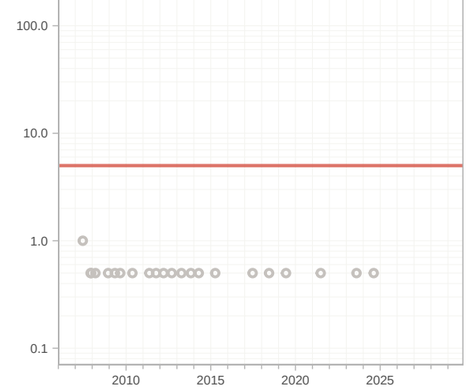
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)

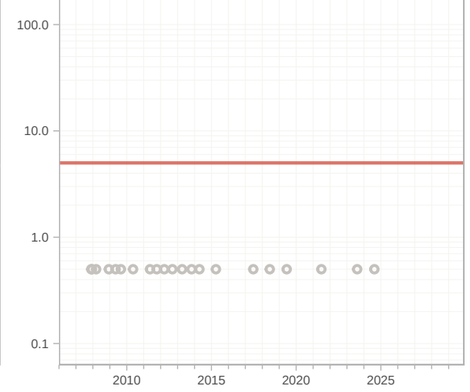
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

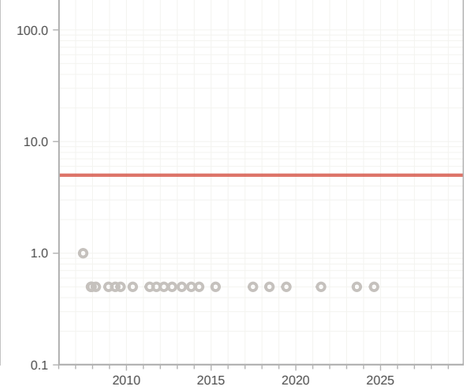
NYS GWQS = 5 ug/L



All | N = 21; ND = 21; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

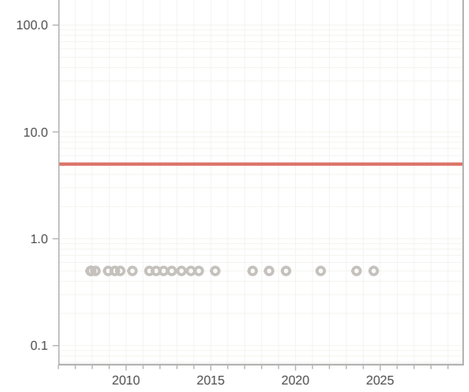
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 21; ND = 21; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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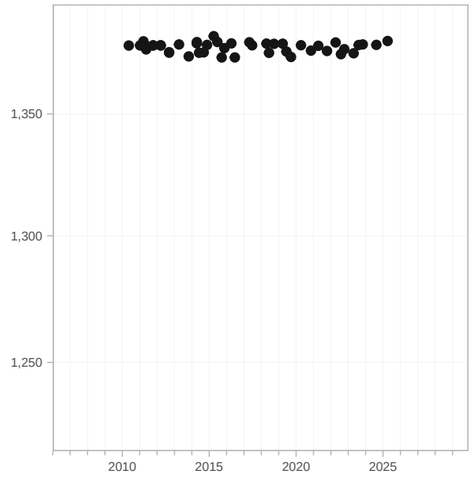
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

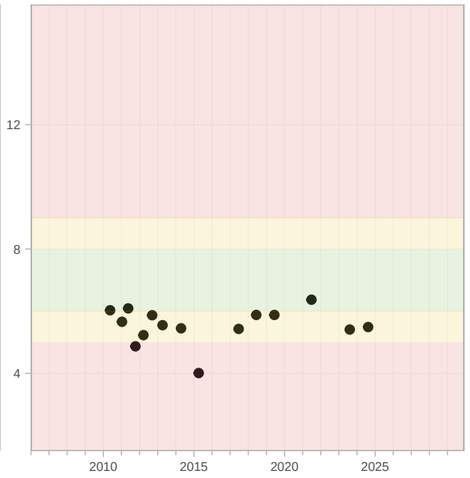
BP−16A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



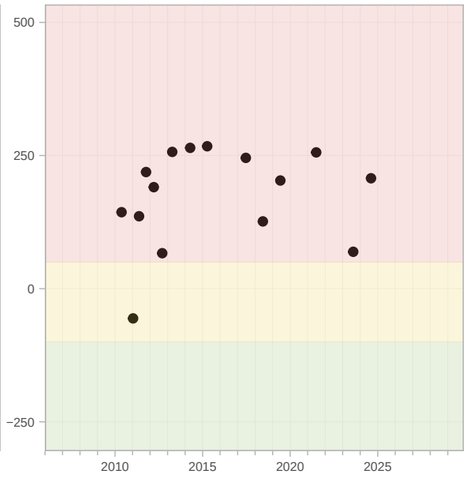
All | N = 44; ND = 0; %ND = 0; M−K = stable

pH (SU)



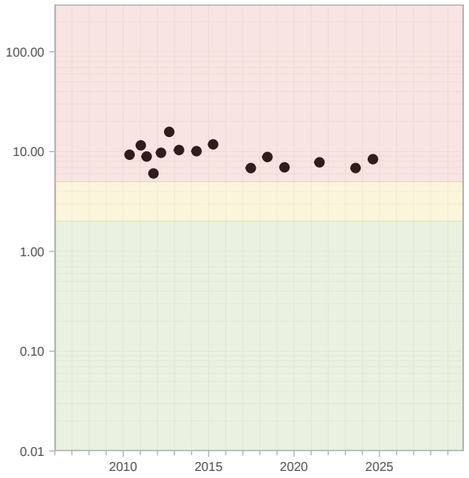
All | N = 15; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



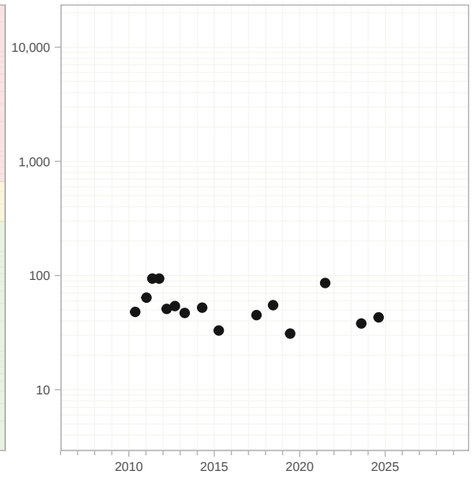
All | N = 15; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



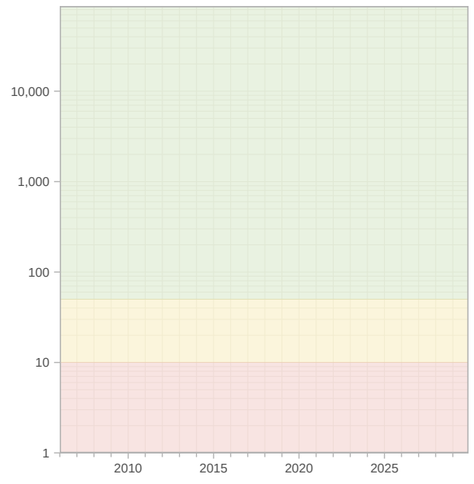
All | N = 15; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



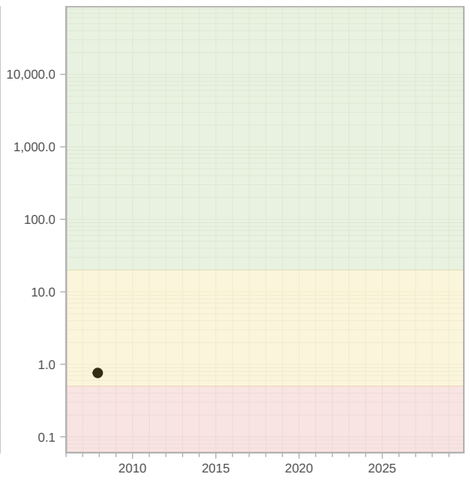
All | N = 15; ND = 0; %ND = 0; M−K = probably decreasing

Sulfide



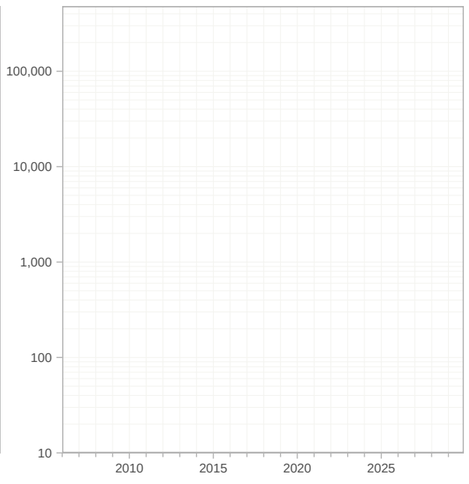
No Data

Methane (ug/L)



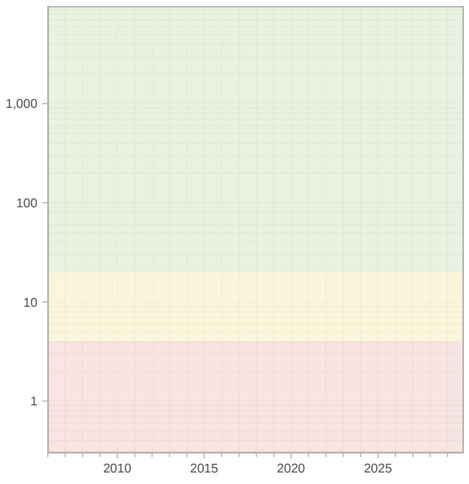
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



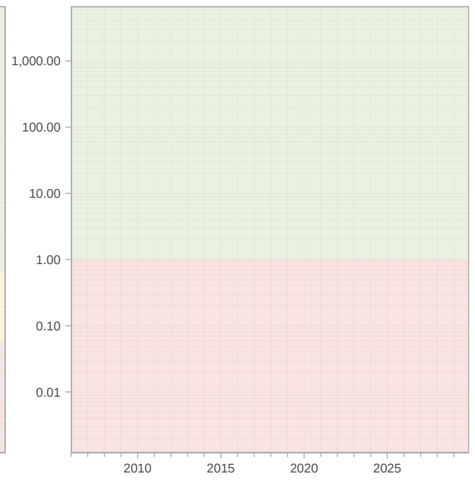
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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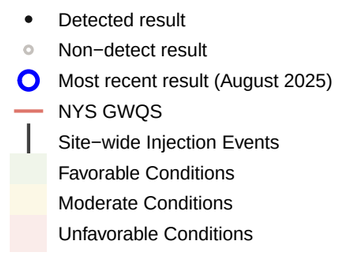
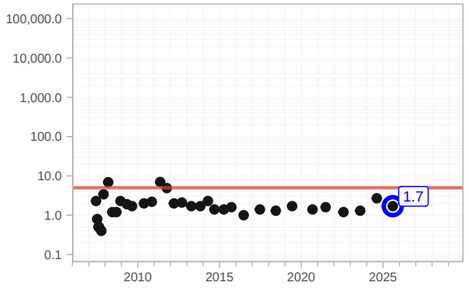


BP−17A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

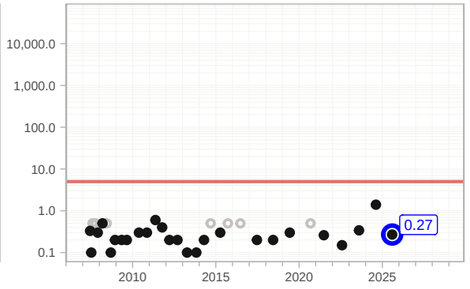
NYS GWQS = 5 ug/L



All | N = 34; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

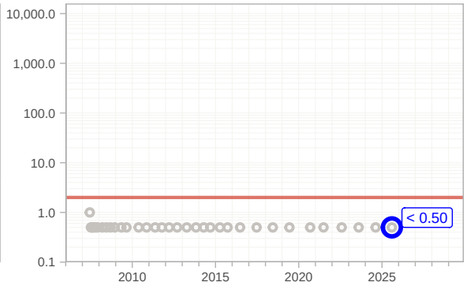
NYS GWQS = 5 ug/L



All | N = 34; ND = 8; %ND = 23.5; M−K = stable

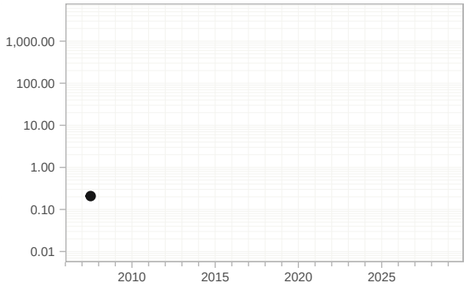
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



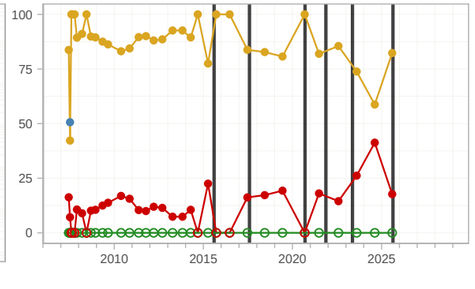
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



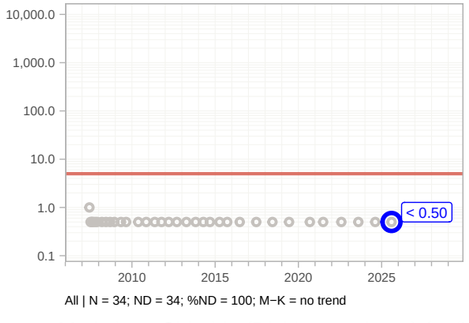
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

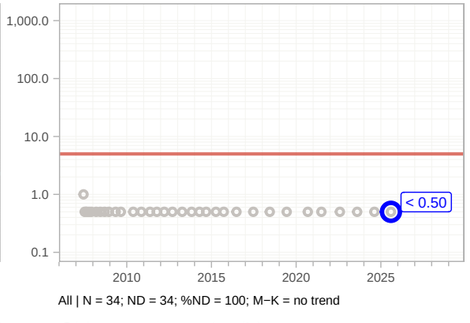
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

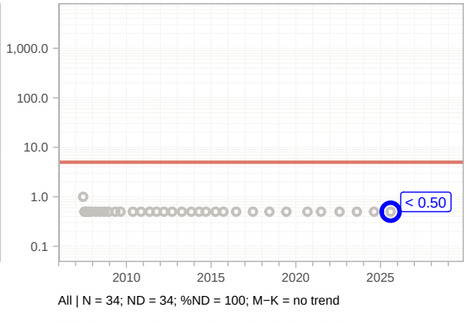
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

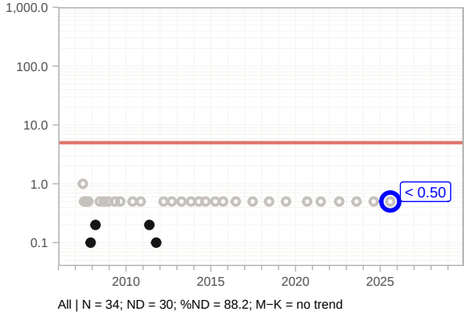
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

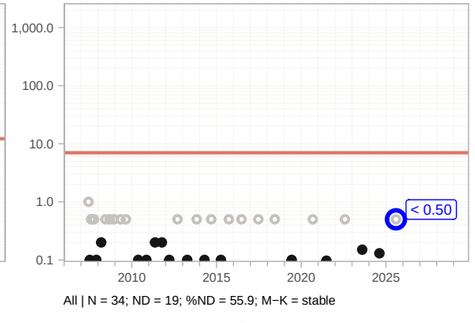
NYS GWQS = 5 ug/L



All | N = 34; ND = 30; %ND = 88.2; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

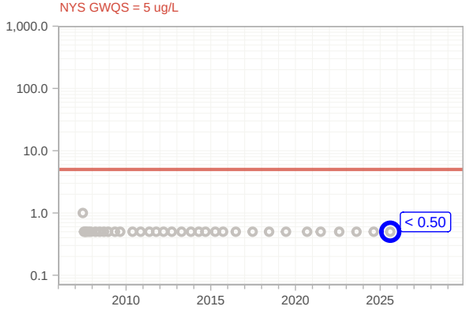
NYS GWQS = 7 ug/L



All | N = 34; ND = 19; %ND = 55.9; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

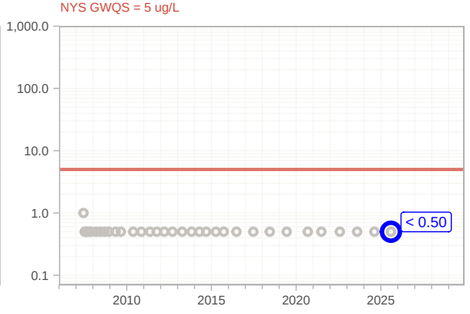
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Chloromethane (ug/L)

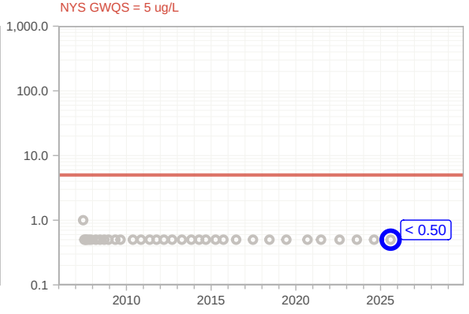
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

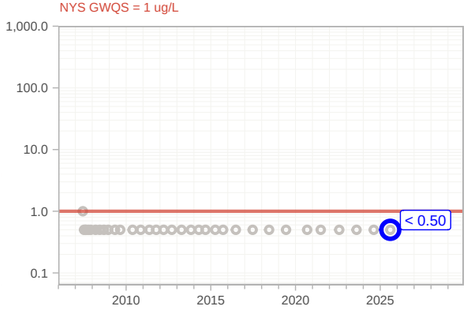
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

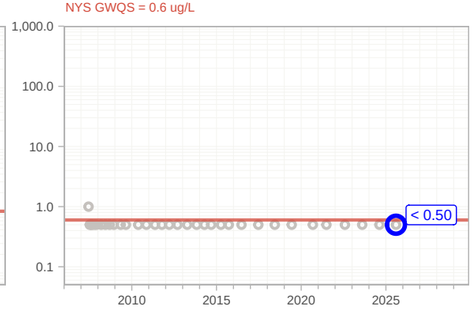
NYS GWQS = 1 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

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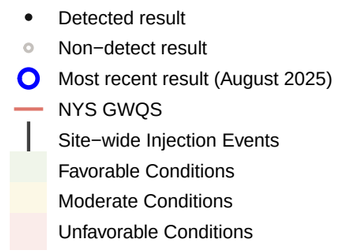
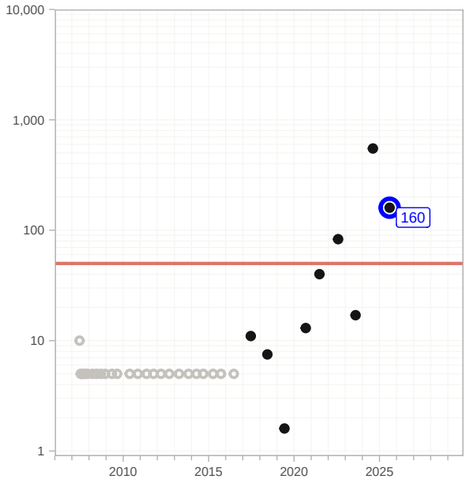


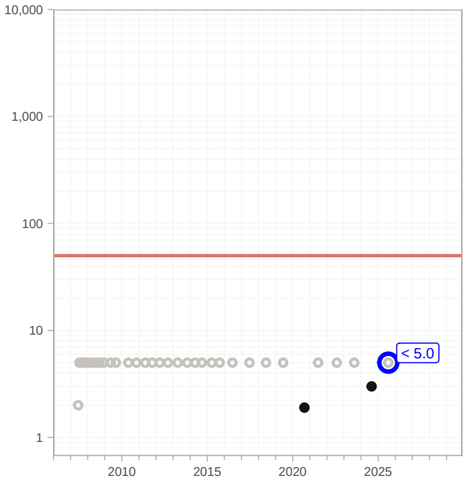
BP−17A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



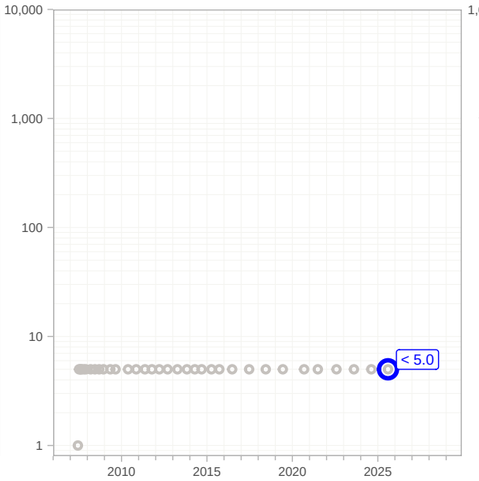
All | N = 34; ND = 25; %ND = 73.5; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



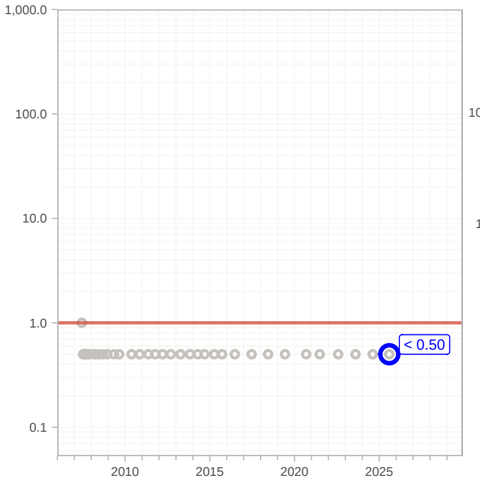
All | N = 34; ND = 32; %ND = 94.1; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



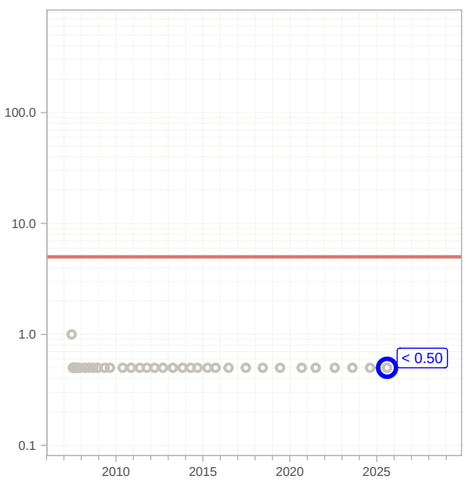
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Benzene (ug/L)



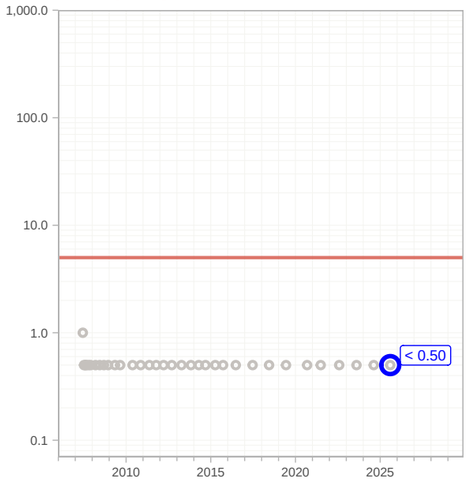
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Toluene (ug/L)



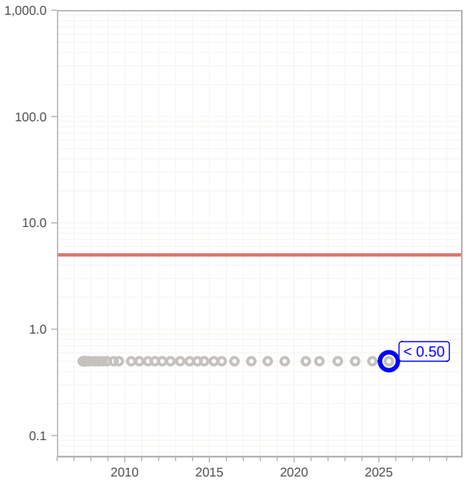
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



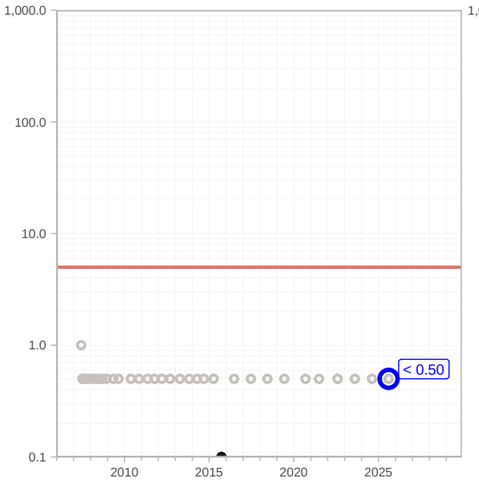
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



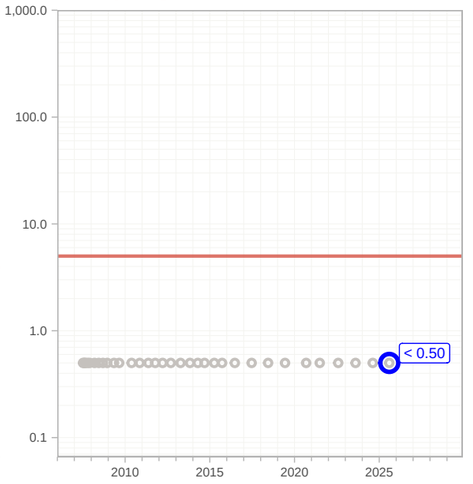
All | N = 33; ND = 33; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

Xylene (o−) (ug/L)



All | N = 33; ND = 33; %ND = 100; M−K = no trend

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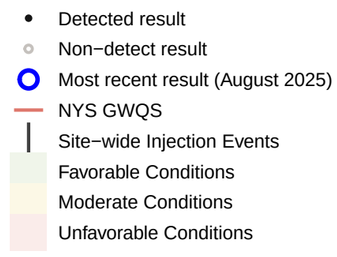
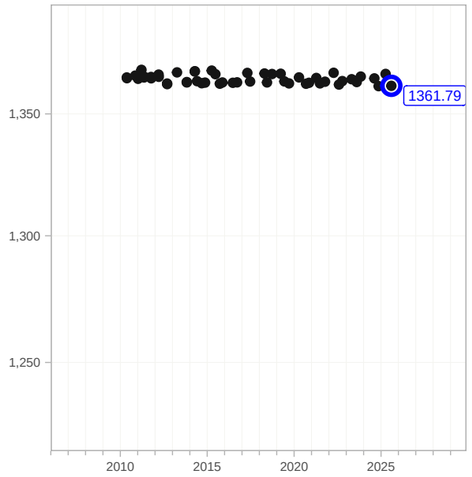


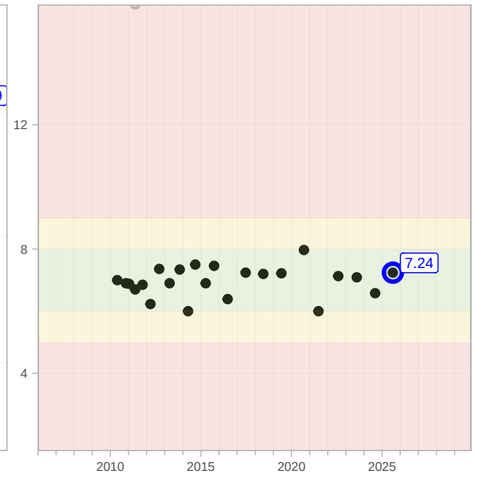
BP−17A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



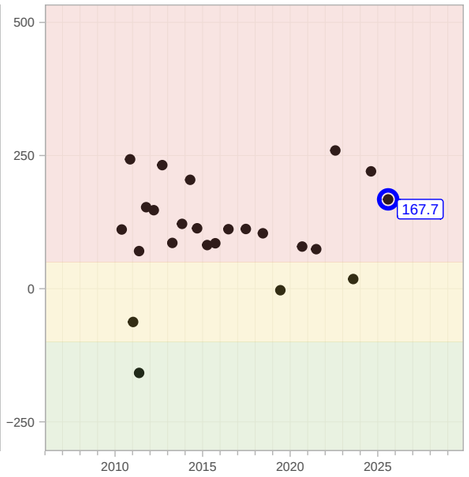
All | N = 51; ND = 0; %ND = 0; M−K = probably decreasing

pH (SU)



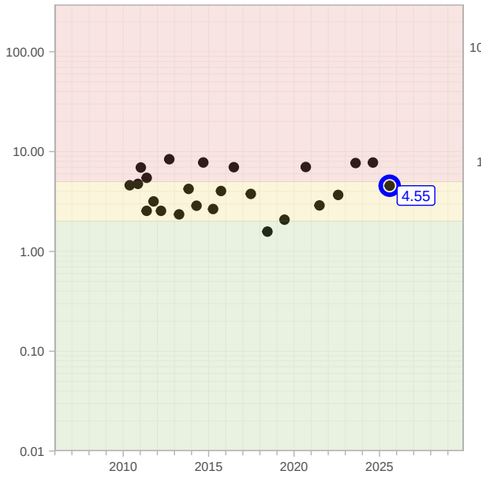
All | N = 24; ND = 1; %ND = 4.2; M−K = stable

Oxidation/Reduction Potential (mV)



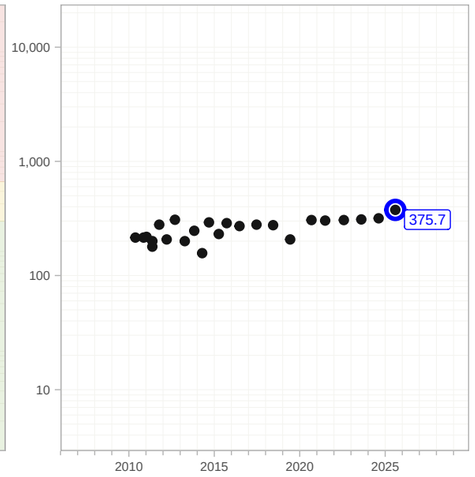
All | N = 24; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



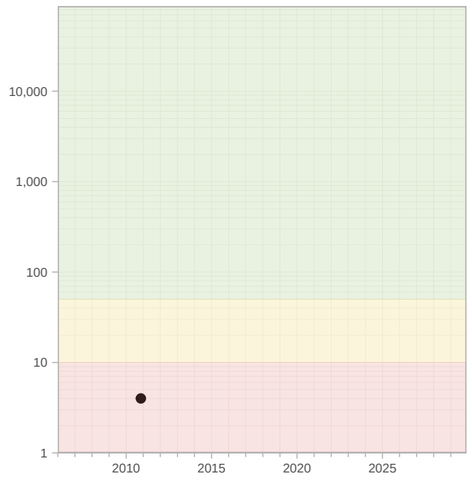
All | N = 24; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



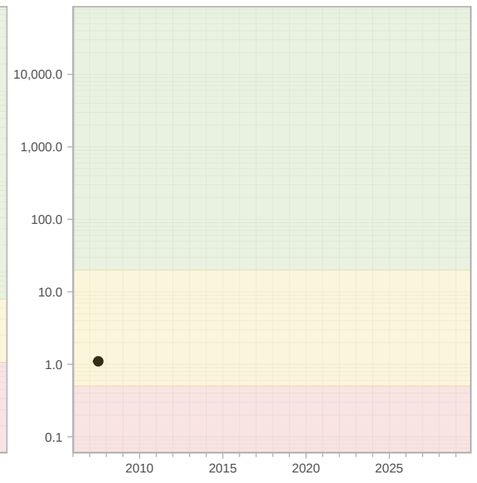
All | N = 24; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



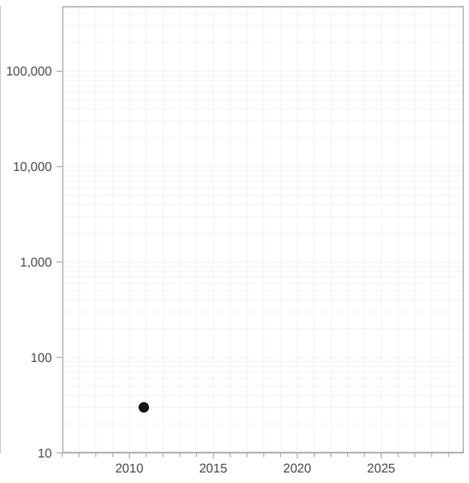
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



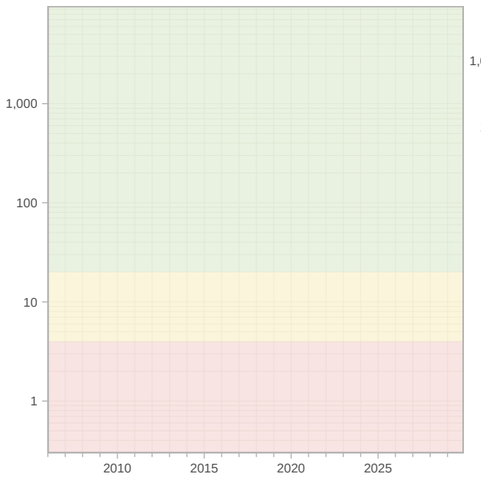
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



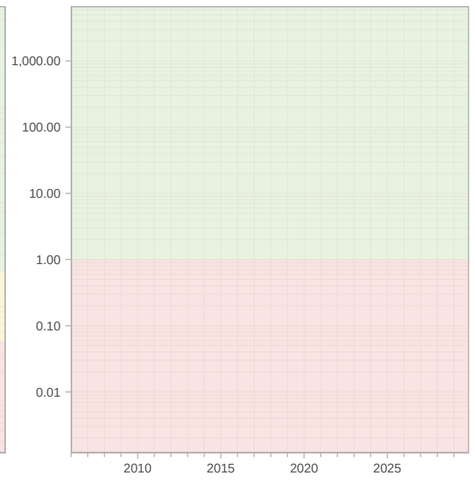
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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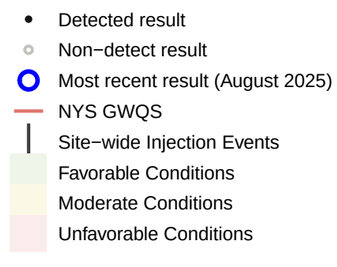
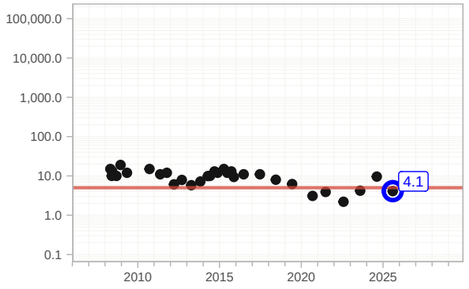


BP−18A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

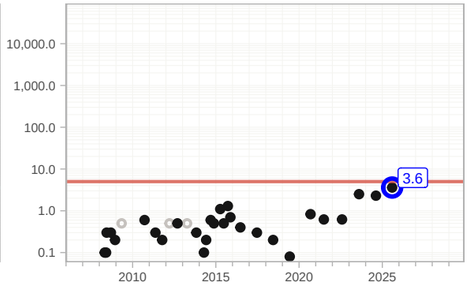
NYS GWQS = 5 ug/L



All | N = 31; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

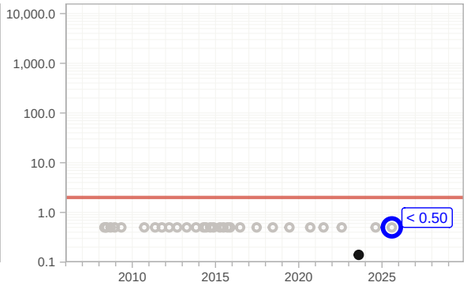
NYS GWQS = 5 ug/L



All | N = 31; ND = 3; %ND = 9.7; M−K = strong increasing

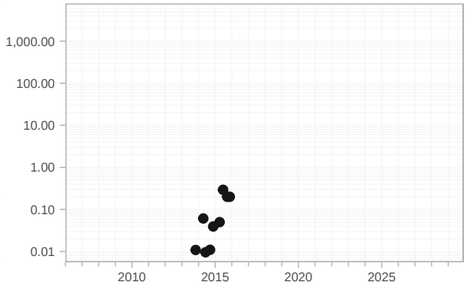
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



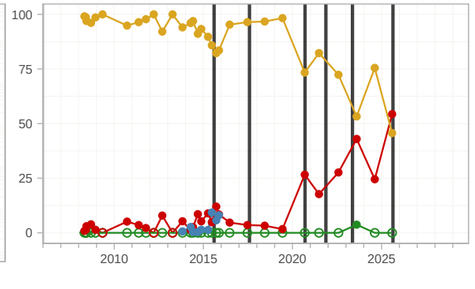
All | N = 31; ND = 30; %ND = 96.8; M−K = no trend

Ethane + Ethene (ug/L)



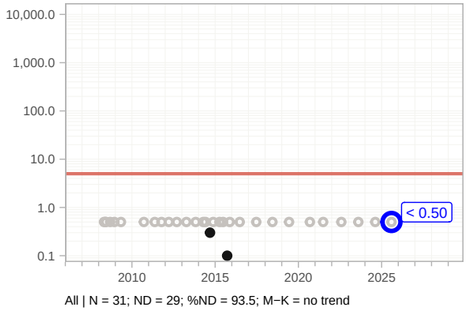
All | N = 9; ND = 0; %ND = 0; M−K = increasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

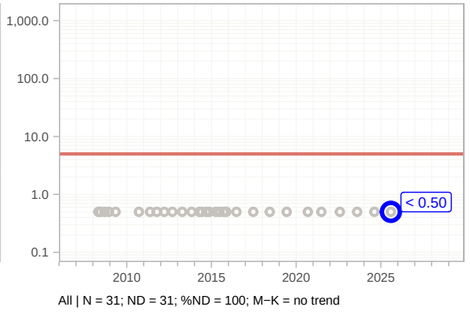
NYS GWQS = 5 ug/L



All | N = 31; ND = 29; %ND = 93.5; M−K = no trend

Dichloroethene (1,1−) (ug/L)

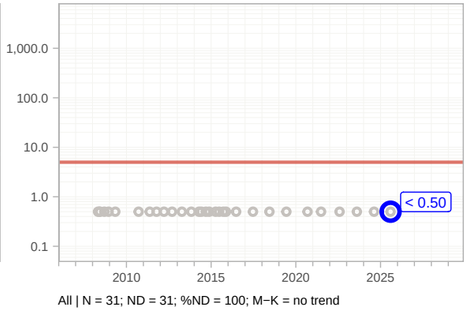
NYS GWQS = 5 ug/L



All | N = 31; ND = 31; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

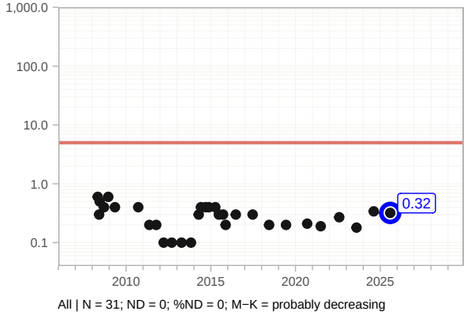
NYS GWQS = 5 ug/L



All | N = 31; ND = 31; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

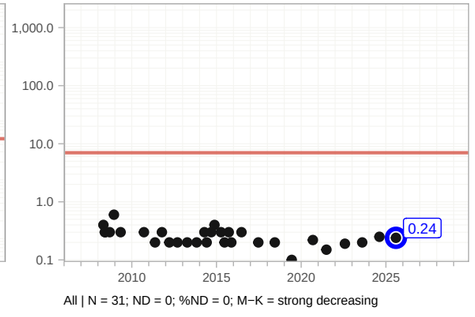
NYS GWQS = 5 ug/L



All | N = 31; ND = 0; %ND = 0; M−K = probably decreasing

Chloroform (Trichloromethane) (ug/L)

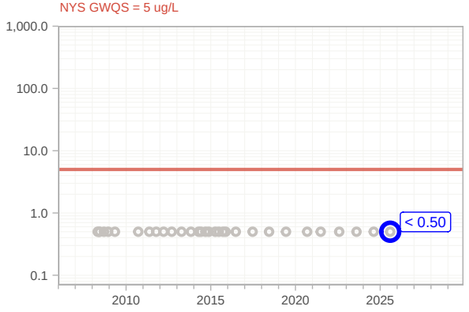
NYS GWQS = 7 ug/L



All | N = 31; ND = 0; %ND = 0; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

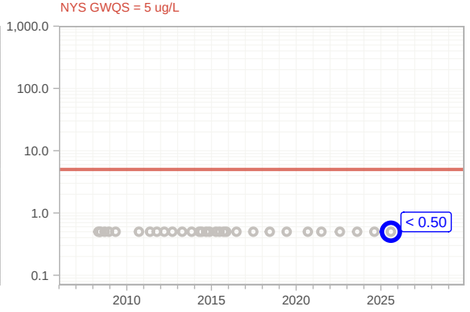
NYS GWQS = 5 ug/L



All | N = 31; ND = 31; %ND = 100; M−K = no trend

Chloromethane (ug/L)

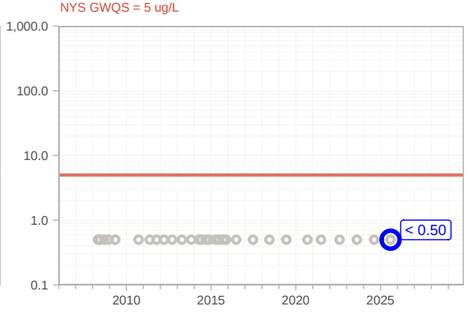
NYS GWQS = 5 ug/L



All | N = 31; ND = 31; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

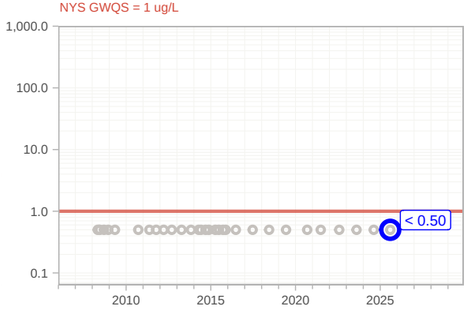
NYS GWQS = 5 ug/L



All | N = 31; ND = 31; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

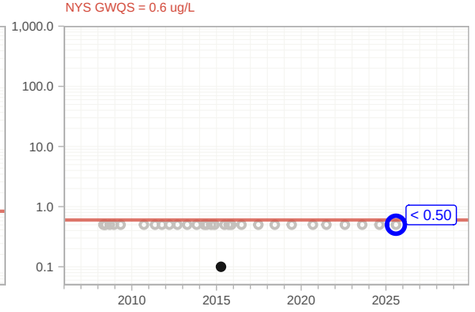
NYS GWQS = 1 ug/L



All | N = 31; ND = 31; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 31; ND = 30; %ND = 96.8; M−K = no trend

Notes:
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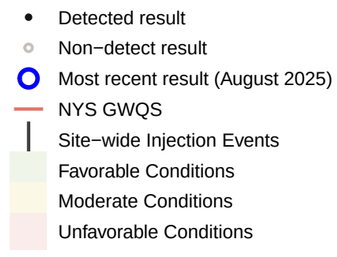

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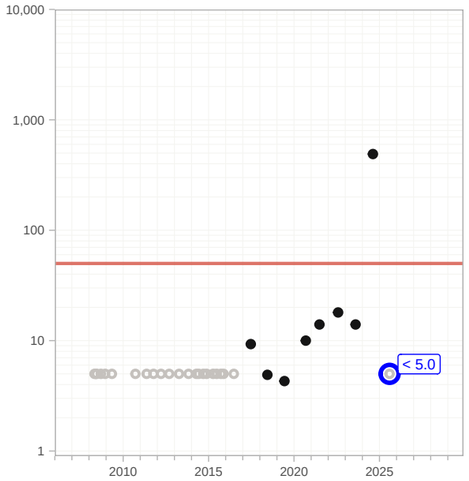
Acetone (ug/L)

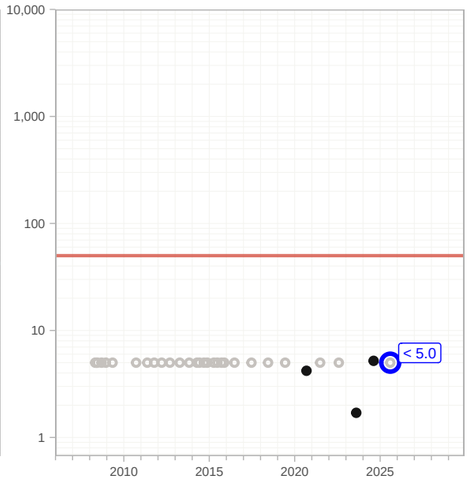
NYS GWQS = 50 ug/L



All | N = 31; ND = 23; %ND = 74.2; M−K = strong increasing

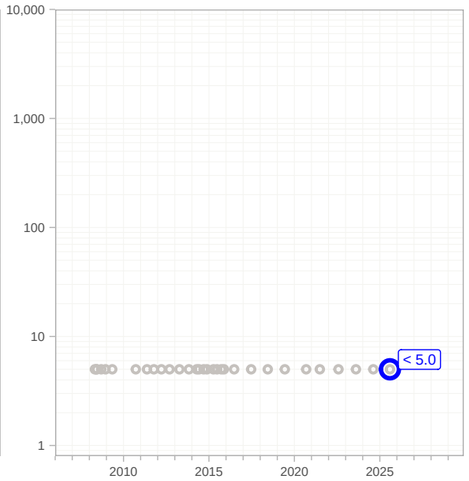
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 31; ND = 28; %ND = 90.3; M−K = no trend

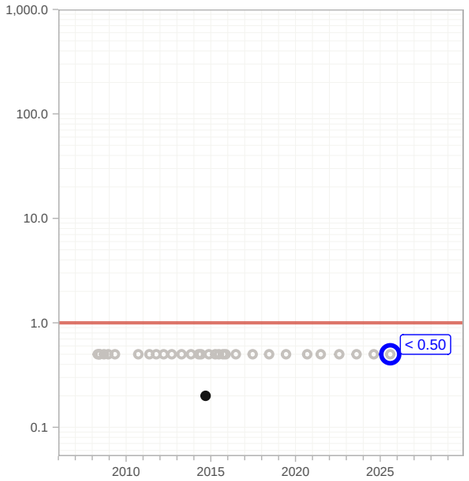
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 31; ND = 31; %ND = 100; M−K = no trend

Benzene (ug/L)

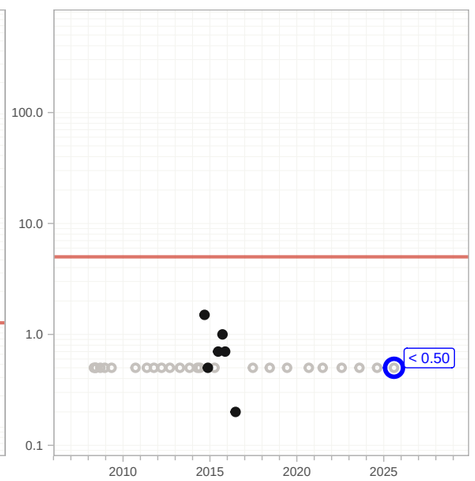
NYS GWQS = 1 ug/L



All | N = 31; ND = 30; %ND = 96.8; M−K = no trend

Toluene (ug/L)

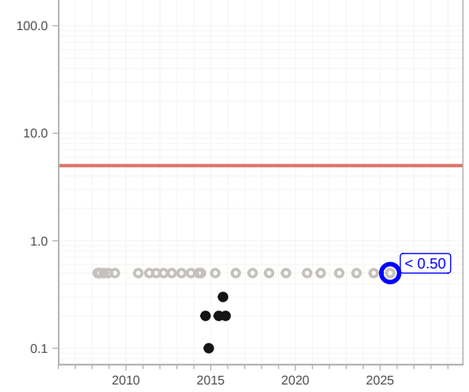
NYS GWQS = 5 ug/L



All | N = 31; ND = 25; %ND = 80.6; M−K = no trend

Ethylbenzene (ug/L)

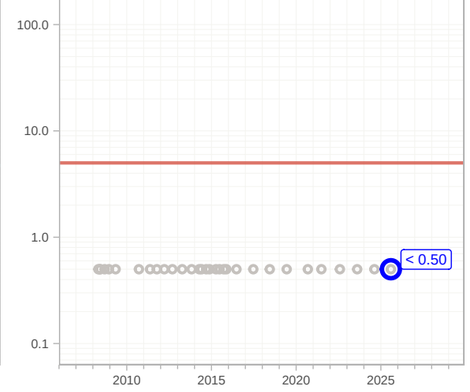
NYS GWQS = 5 ug/L



All | N = 31; ND = 26; %ND = 83.9; M−K = stable

Isopropylbenzene (Cumene) (ug/L)

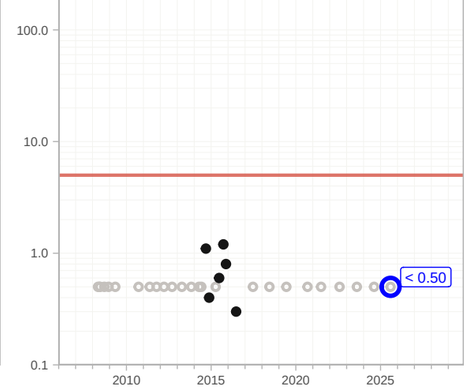
NYS GWQS = 5 ug/L



All | N = 31; ND = 31; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

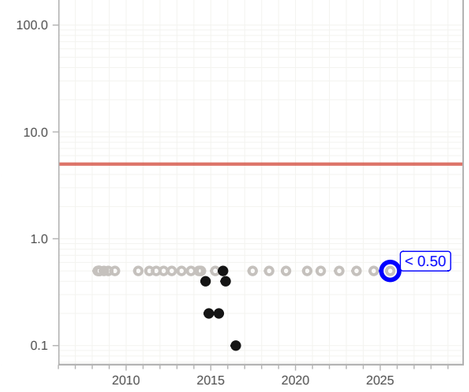
NYS GWQS = 5 ug/L



All | N = 31; ND = 25; %ND = 80.6; M−K = stable

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 31; ND = 25; %ND = 80.6; M−K = no trend

Notes:
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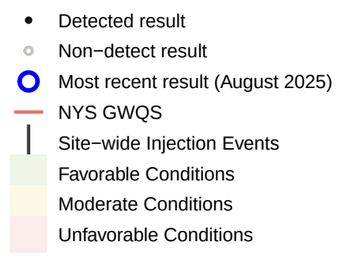

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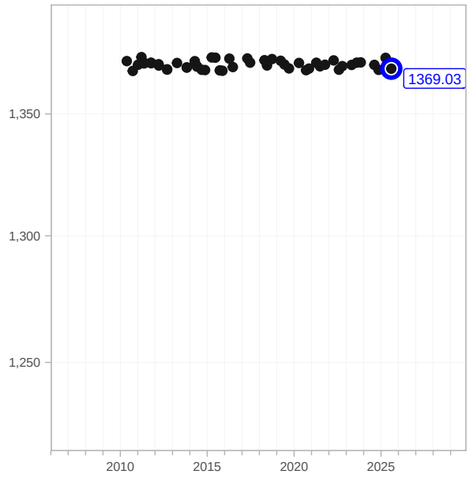
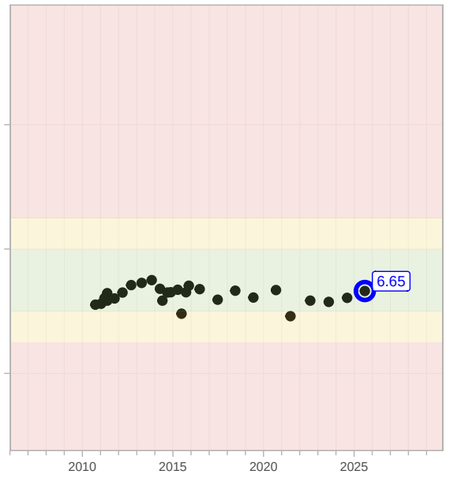
Groundwater Elevation (ft amsl)



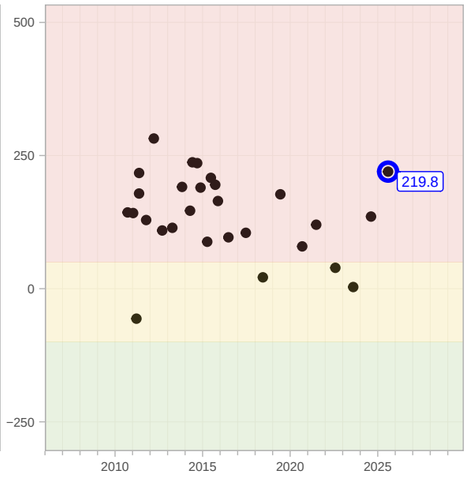
All | N = 51; ND = 0; %ND = 0; M−K = stable

pH (SU)



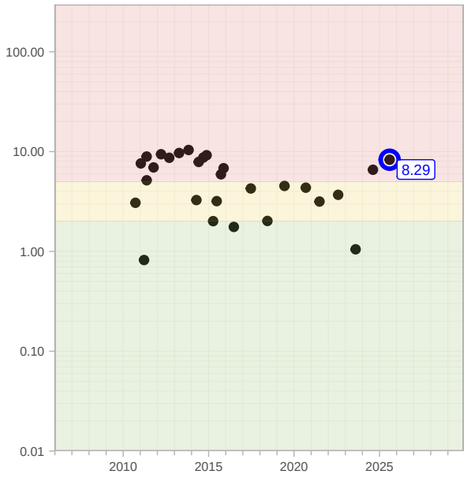
All | N = 28; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



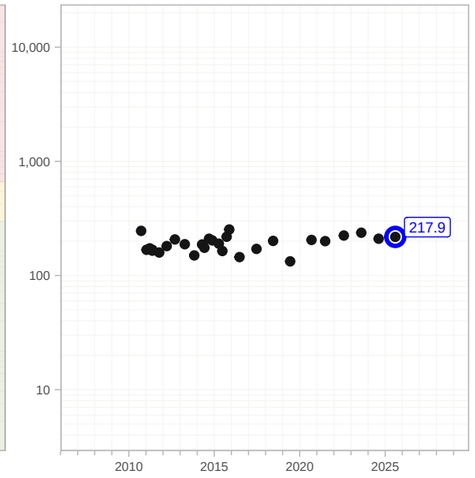
All | N = 28; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



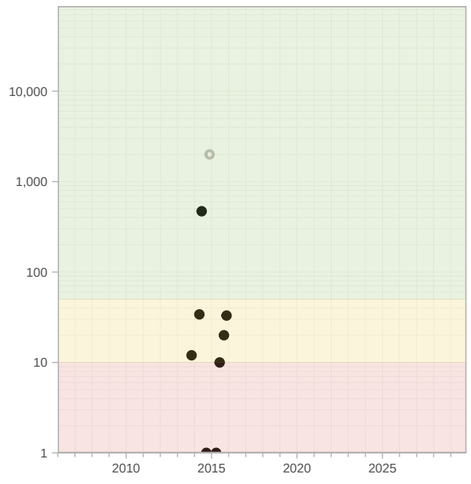
All | N = 28; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



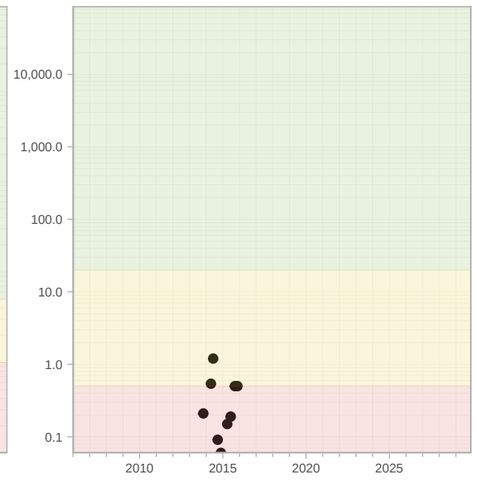
All | N = 28; ND = 0; %ND = 0; M−K = probably increasing

Sulfide (ug/L)



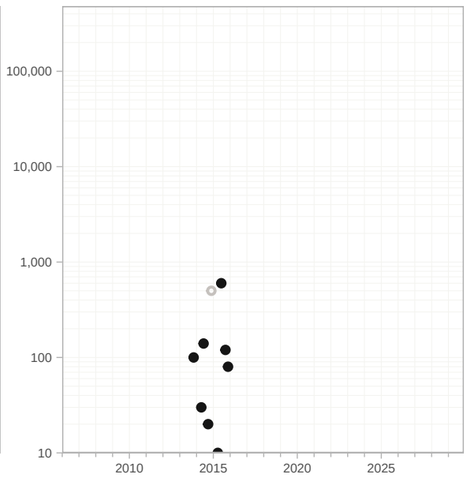
All | N = 9; ND = 1; %ND = 11.1; M−K = no trend

Methane (ug/L)



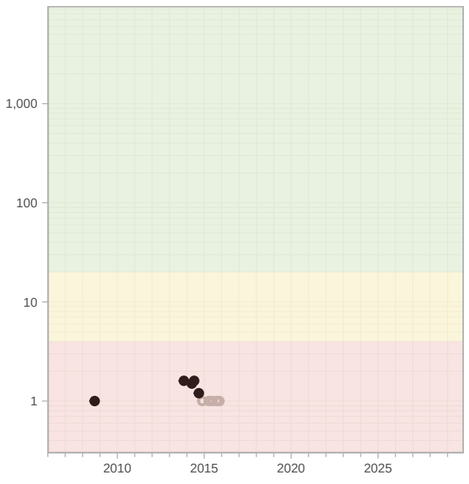
All | N = 9; ND = 0; %ND = 0; M−K = stable

Iron − Ferrous (ug/L)



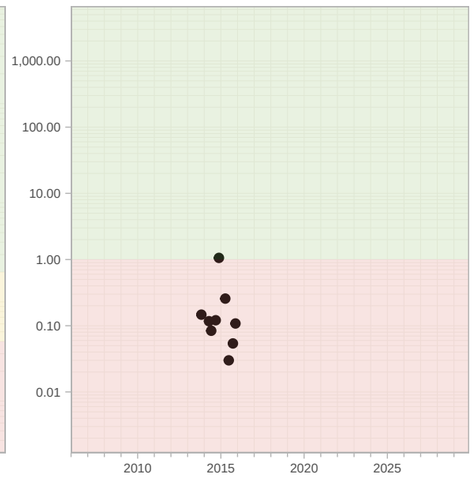
All | N = 9; ND = 1; %ND = 11.1; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 10; ND = 5; %ND = 50; M−K = decreasing

Total Volatile Fatty Acids (mg/L)



All | N = 9; ND = 0; %ND = 0; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
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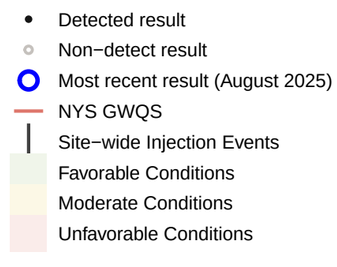

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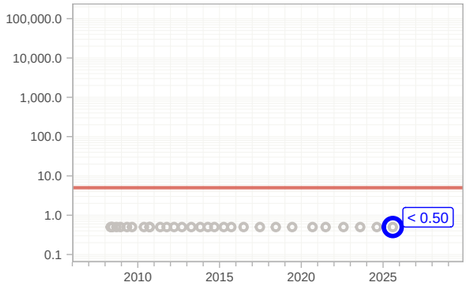
Trichloroethene (TCE) (ug/L)

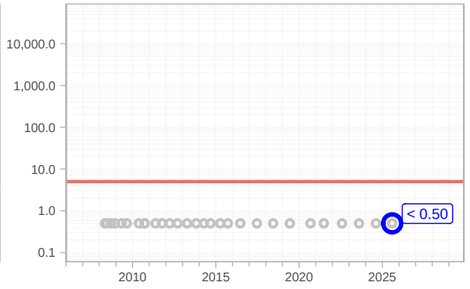
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

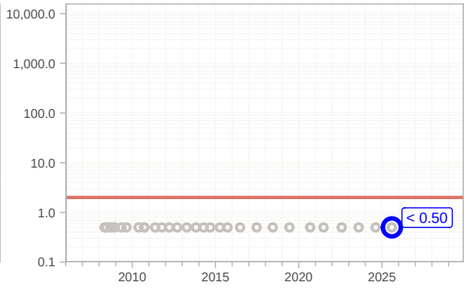
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

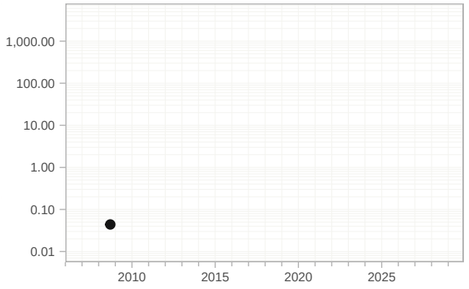
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



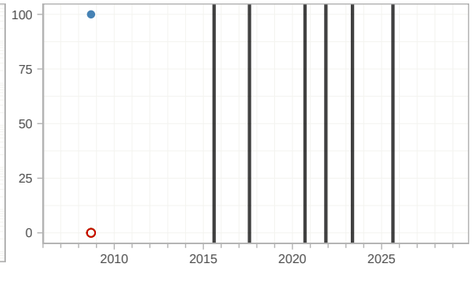
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



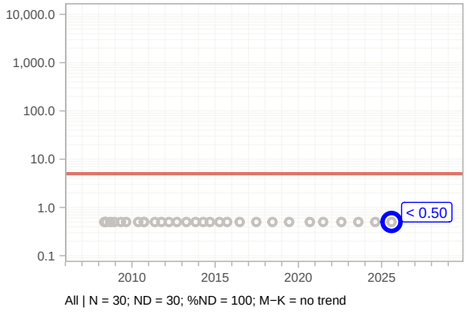
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

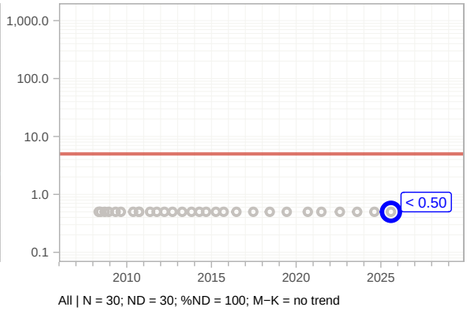
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

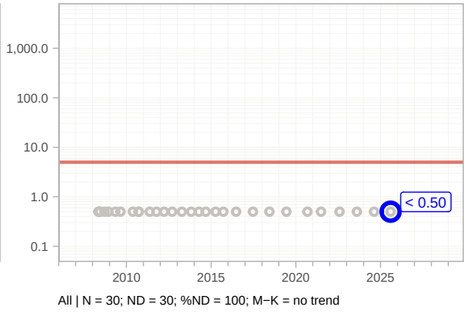
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

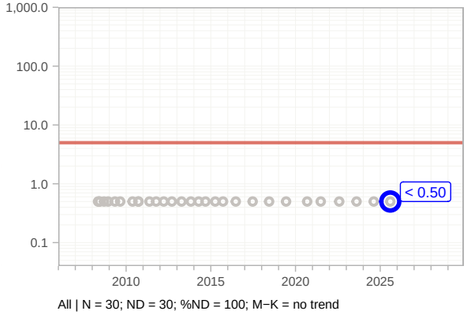
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

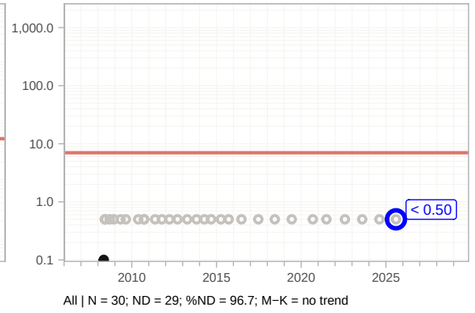
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

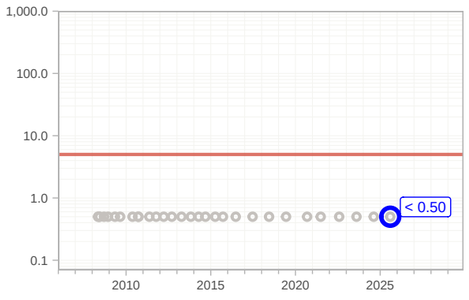
NYS GWQS = 7 ug/L



All | N = 30; ND = 29; %ND = 96.7; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

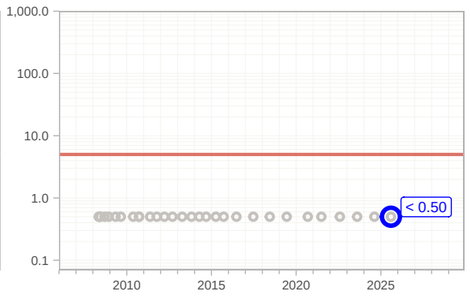
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Chloromethane (ug/L)

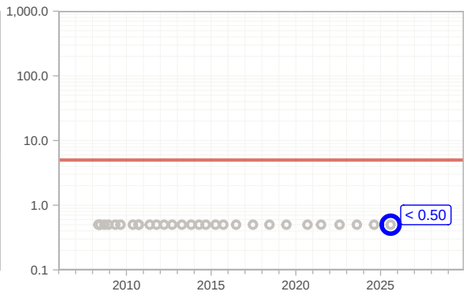
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

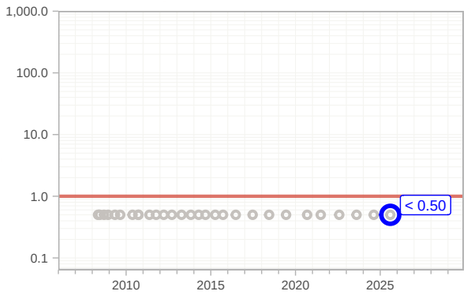
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

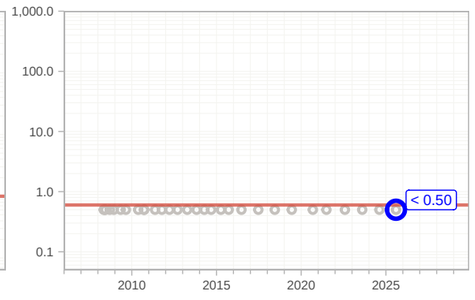
NYS GWQS = 1 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

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- Detected result
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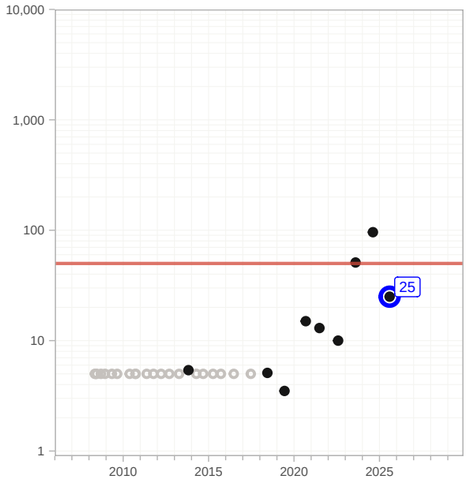
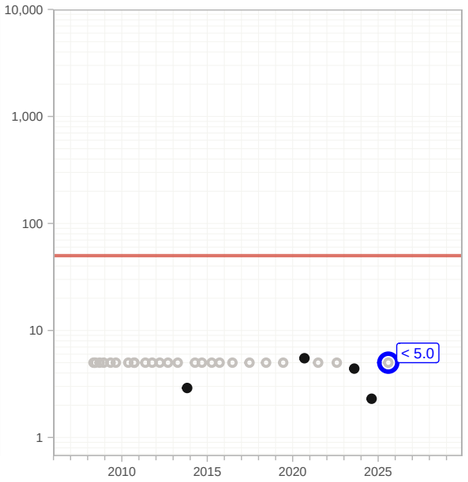
BP−19A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



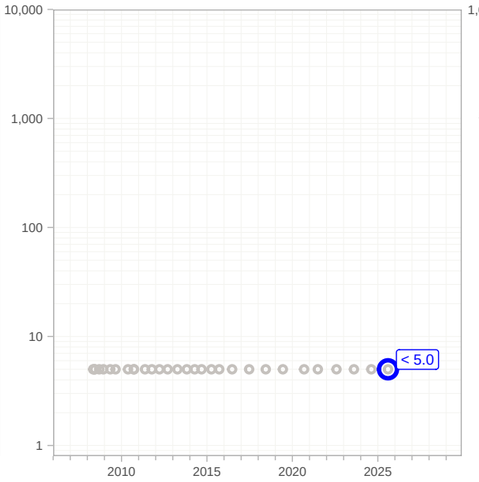
All | N = 30; ND = 21; %ND = 70; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



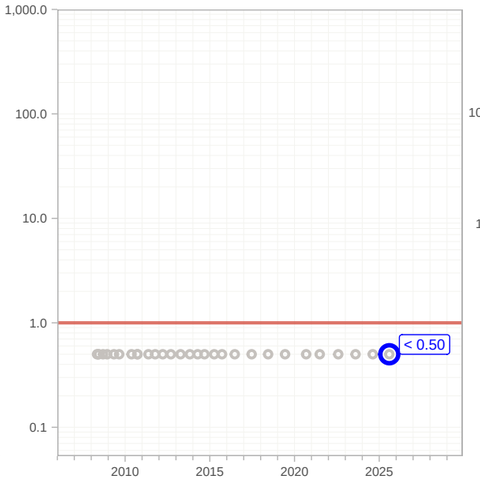
All | N = 30; ND = 26; %ND = 86.7; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



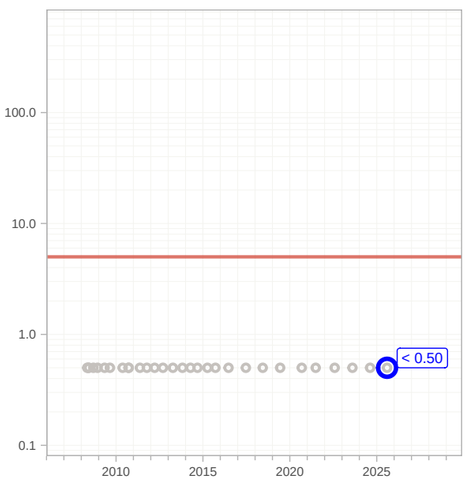
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Benzene (ug/L)



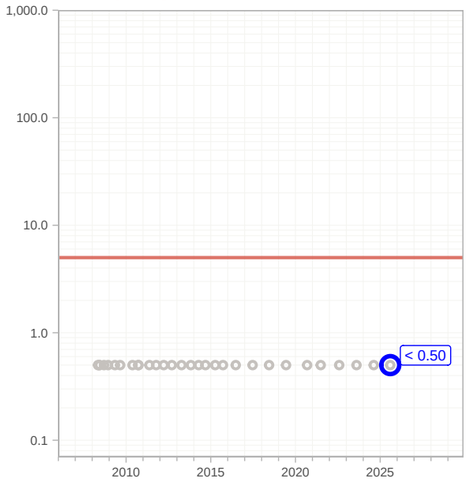
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Toluene (ug/L)



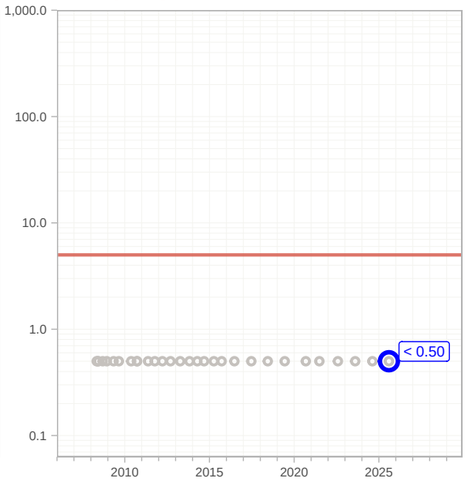
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



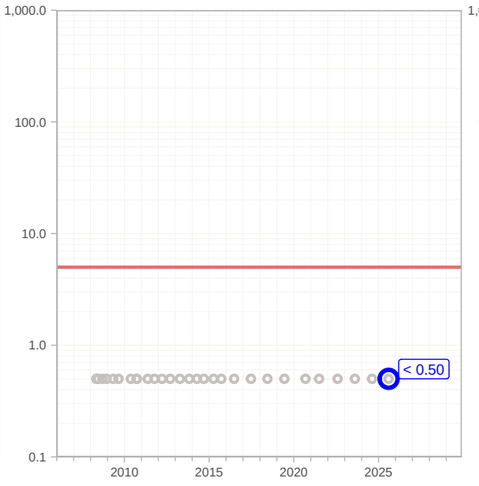
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



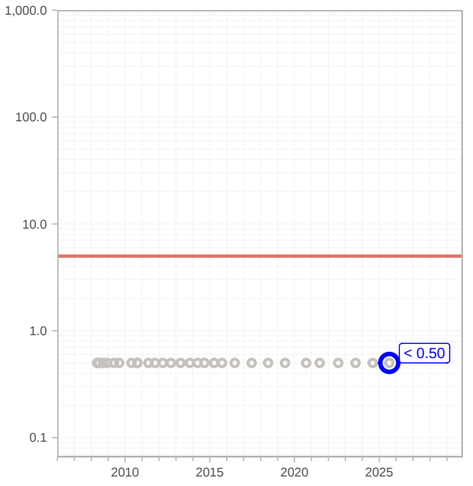
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 30; ND = 30; %ND = 100; M−K = no trend

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- Detected result
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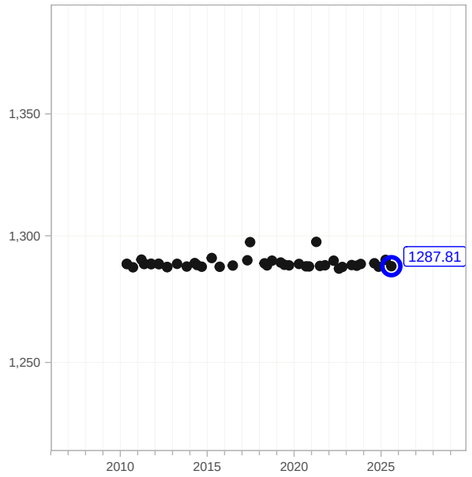
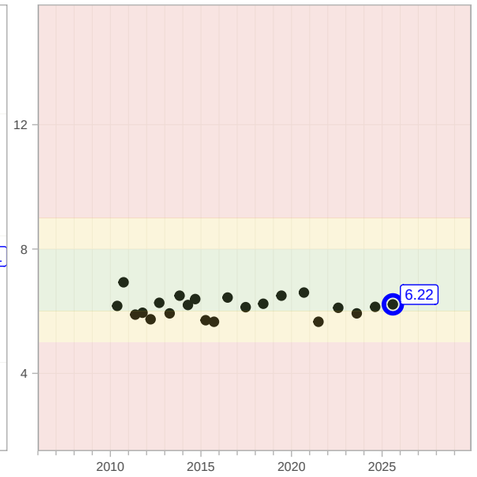
BP−19A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



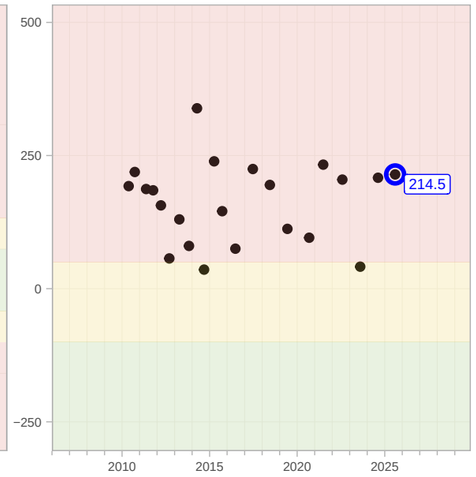
All | N = 44; ND = 0; %ND = 0; M−K = stable

pH (SU)



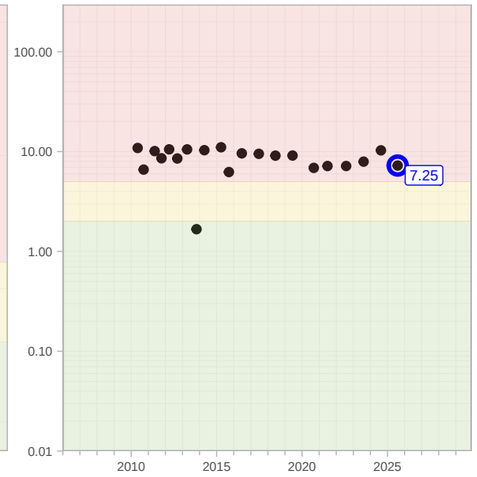
All | N = 22; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



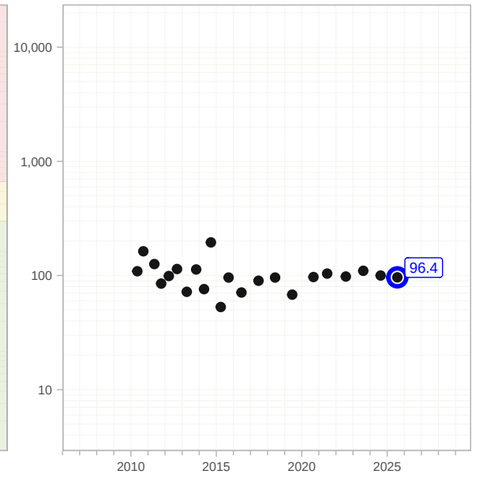
All | N = 22; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



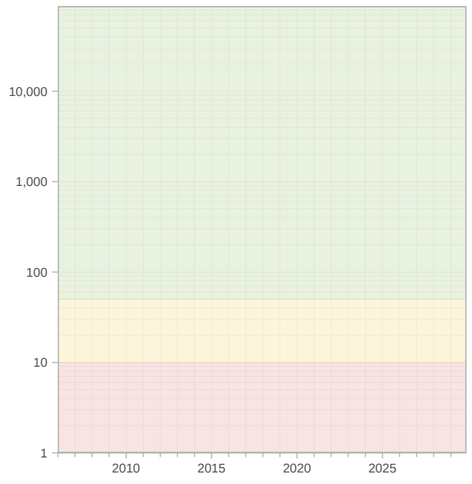
All | N = 21; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



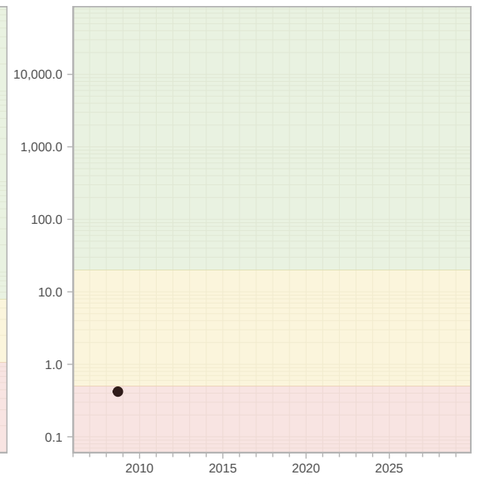
All | N = 22; ND = 0; %ND = 0; M−K = stable

Sulfide



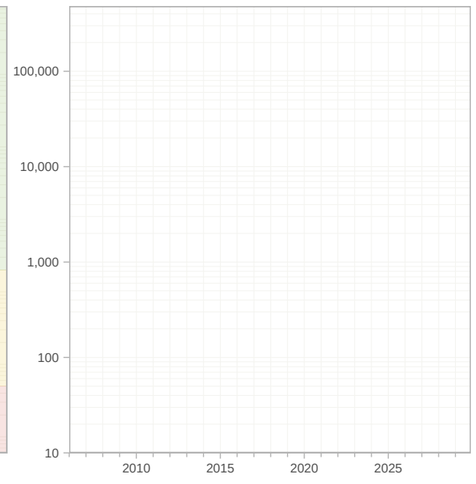
No Data

Methane (ug/L)



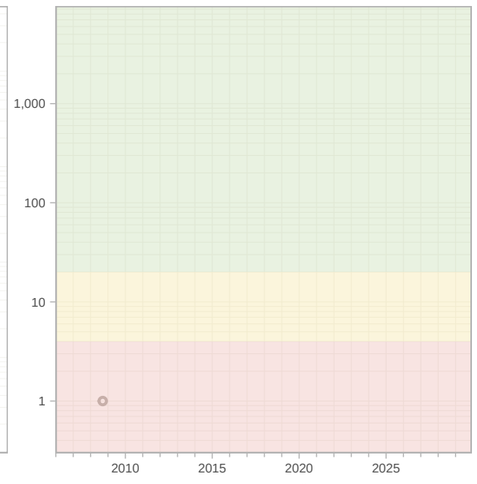
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



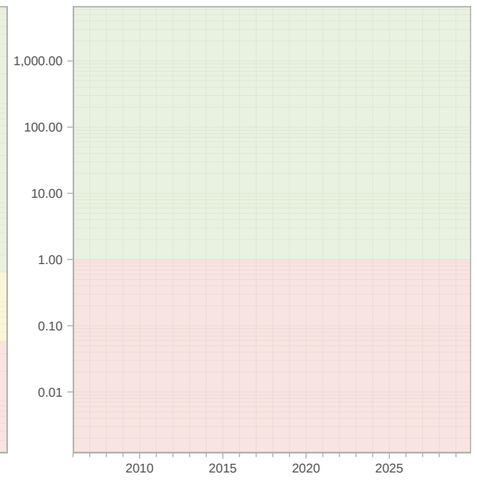
No Data

Total Organic Carbon (mg/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Total Volatile Fatty Acids



No Data

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- Detected result
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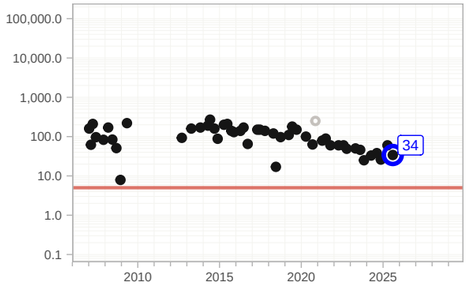
BP−1A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

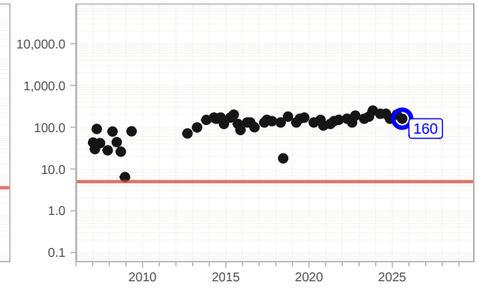
NYS GWQS = 5 ug/L



All | N = 50; ND = 1; %ND = 2; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

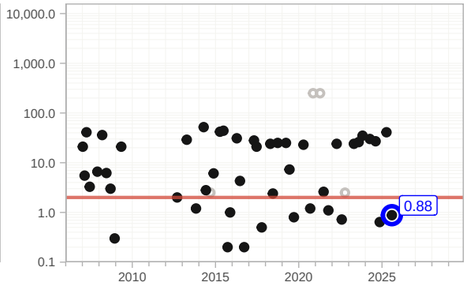
NYS GWQS = 5 ug/L



All | N = 50; ND = 0; %ND = 0; M−K = strong increasing

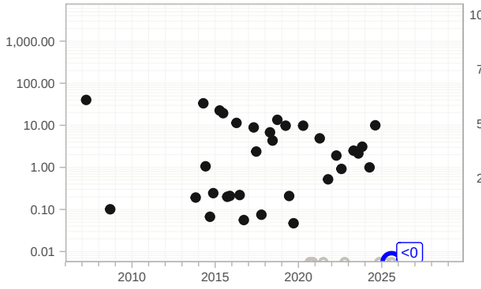
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



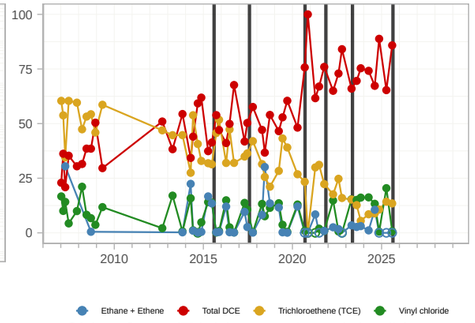
All | N = 50; ND = 4; %ND = 8; M−K = no trend

Ethane + Ethene (ug/L)



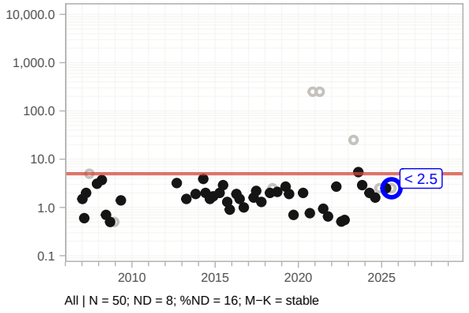
All | N = 40; ND = 7; %ND = 17.5; M−K = probably decreasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

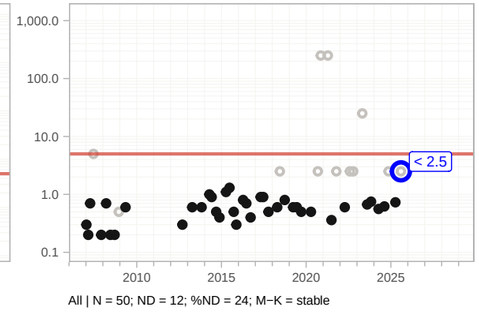
NYS GWQS = 5 ug/L



All | N = 50; ND = 8; %ND = 16; M−K = stable

Dichloroethene (1,1−) (ug/L)

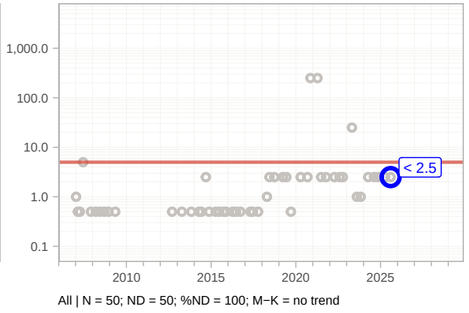
NYS GWQS = 5 ug/L



All | N = 50; ND = 12; %ND = 24; M−K = stable

Tetrachloroethene (PCE) (ug/L)

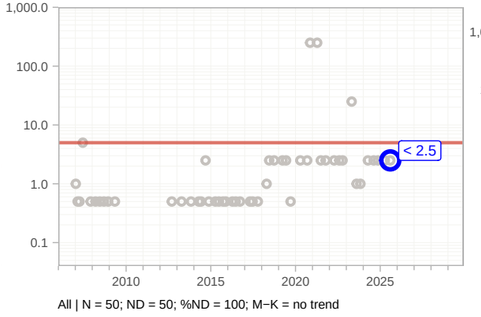
NYS GWQS = 5 ug/L



All | N = 50; ND = 50; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

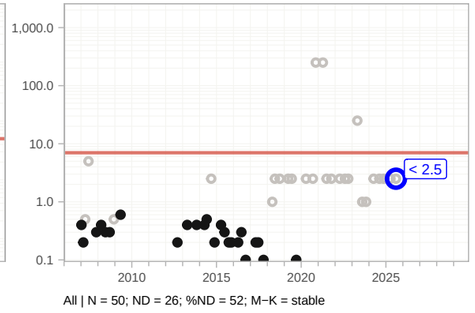
NYS GWQS = 5 ug/L



All | N = 50; ND = 50; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

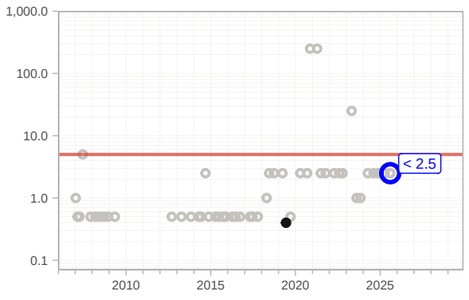
NYS GWQS = 7 ug/L



All | N = 50; ND = 26; %ND = 52; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

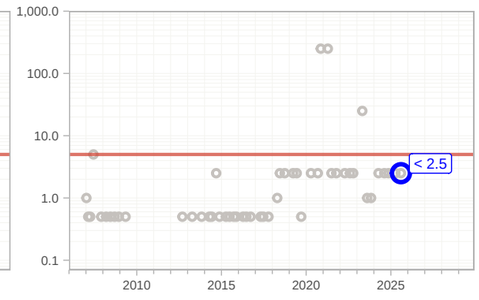
NYS GWQS = 5 ug/L



All | N = 50; ND = 49; %ND = 98; M−K = no trend

Chloromethane (ug/L)

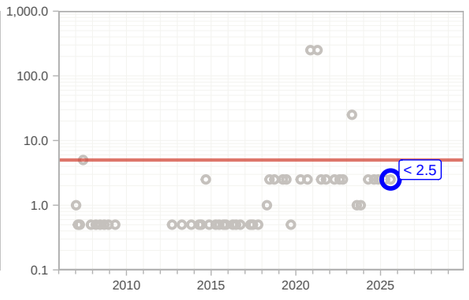
NYS GWQS = 5 ug/L



All | N = 50; ND = 50; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

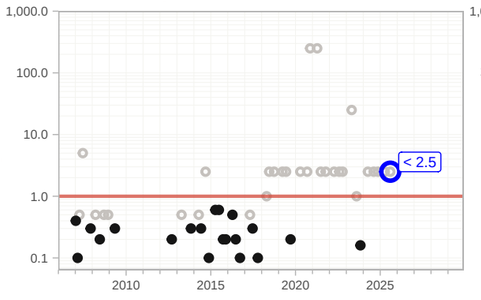
NYS GWQS = 5 ug/L



All | N = 50; ND = 50; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

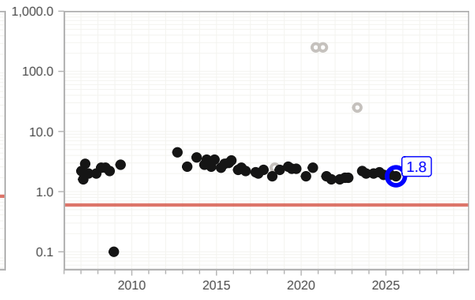
NYS GWQS = 1 ug/L



All | N = 50; ND = 30; %ND = 60; M−K = stable

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 50; ND = 4; %ND = 8; M−K = strong decreasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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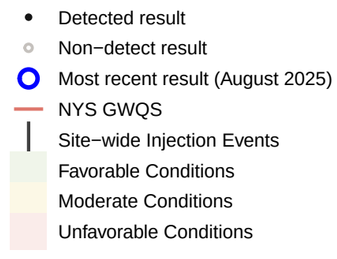
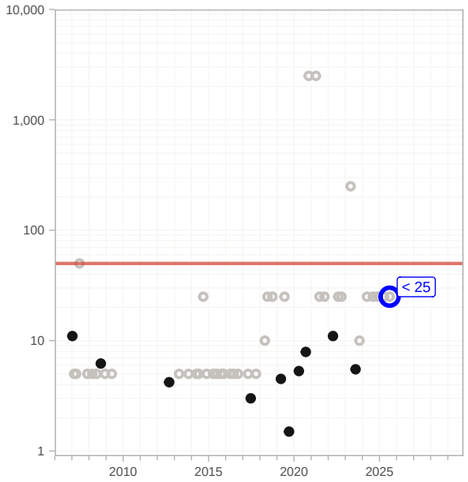
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−1A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

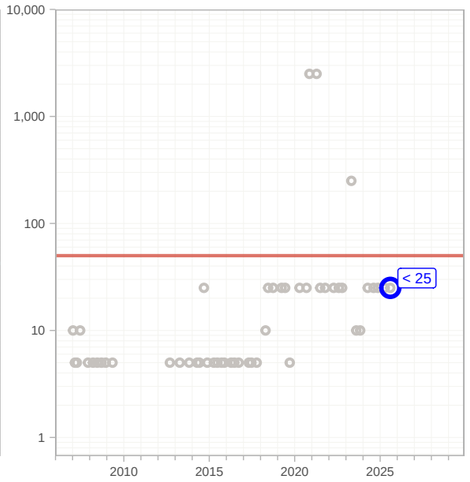
NYS GWQS = 50 ug/L



All | N = 50; ND = 40; %ND = 80; M−K = no trend

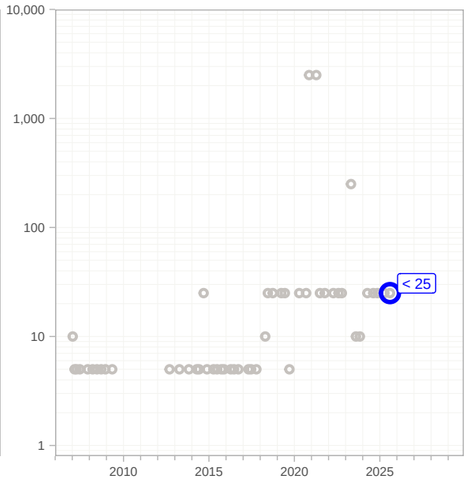
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 50; ND = 50; %ND = 100; M−K = no trend

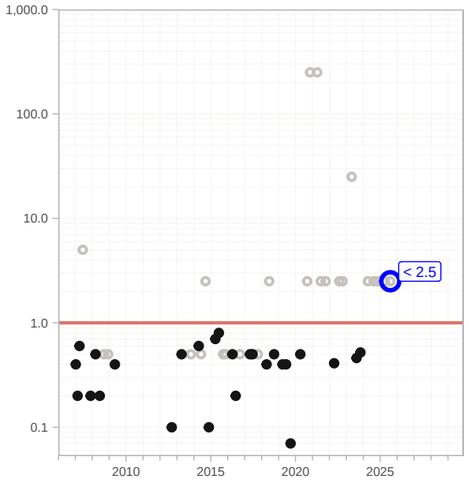
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 50; ND = 50; %ND = 100; M−K = no trend

Benzene (ug/L)

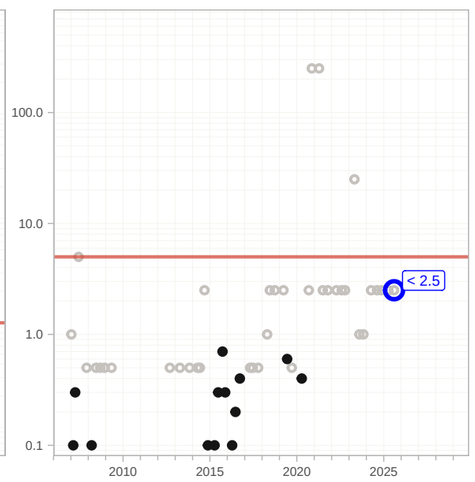
NYS GWQS = 1 ug/L



All | N = 50; ND = 24; %ND = 48; M−K = stable

Toluene (ug/L)

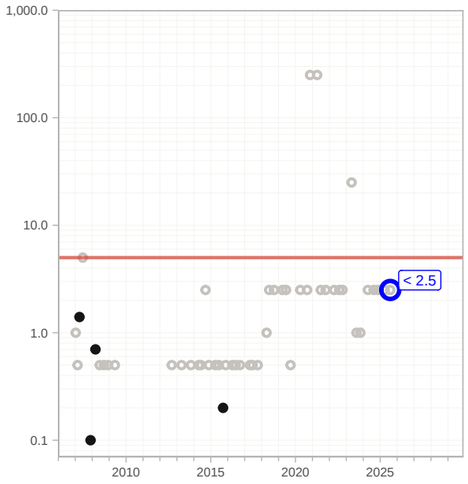
NYS GWQS = 5 ug/L



All | N = 50; ND = 37; %ND = 74; M−K = no trend

Ethylbenzene (ug/L)

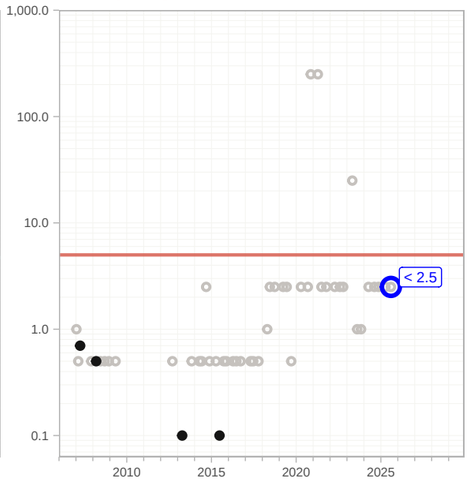
NYS GWQS = 5 ug/L



All | N = 50; ND = 46; %ND = 92; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

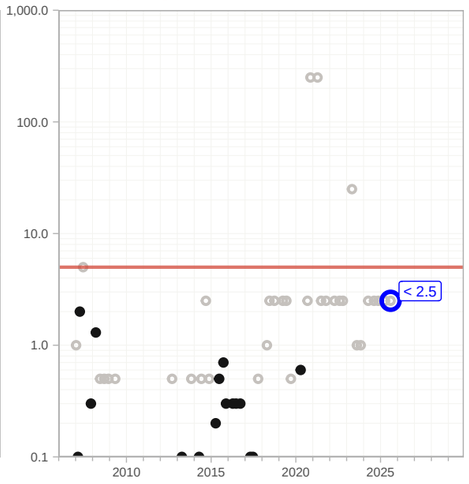
NYS GWQS = 5 ug/L



All | N = 49; ND = 45; %ND = 91.8; M−K = no trend

Xylene (m,p−) (ug/L)

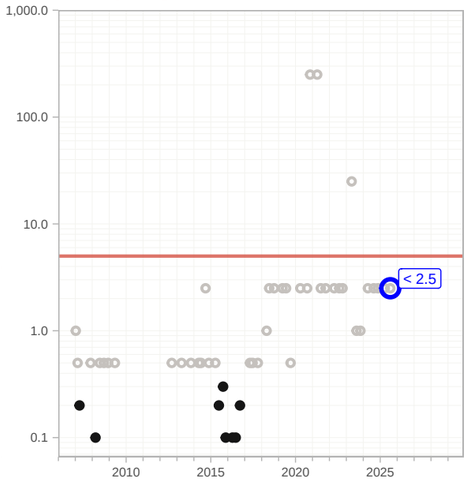
NYS GWQS = 5 ug/L



All | N = 50; ND = 34; %ND = 68; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 49; ND = 41; %ND = 83.7; M−K = no trend

Notes:
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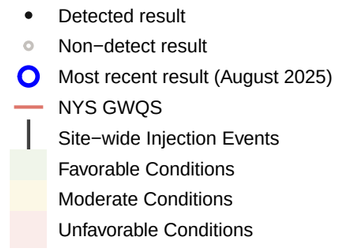
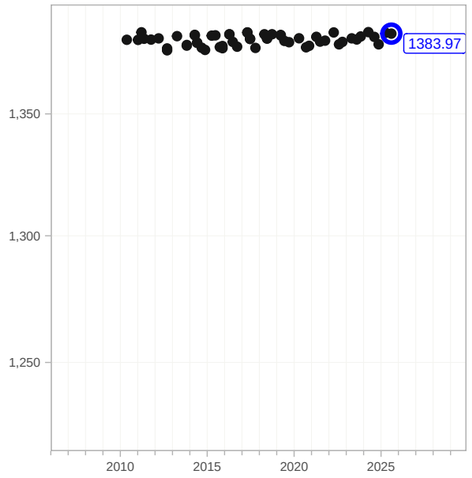


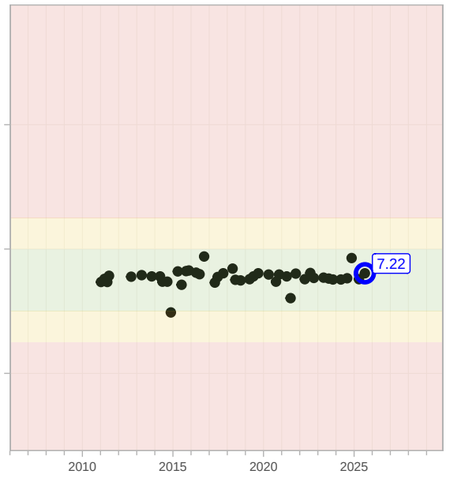
BP−1A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



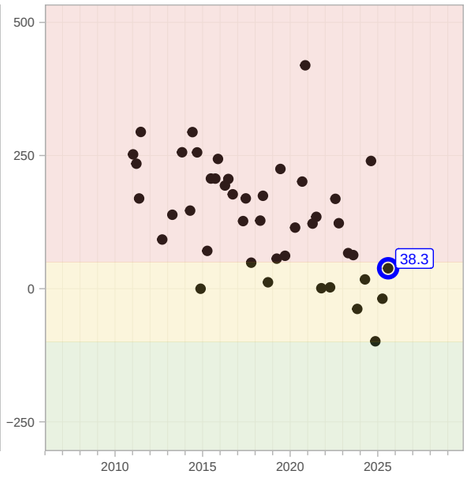
All | N = 56; ND = 0; %ND = 0; M−K = stable

pH (SU)



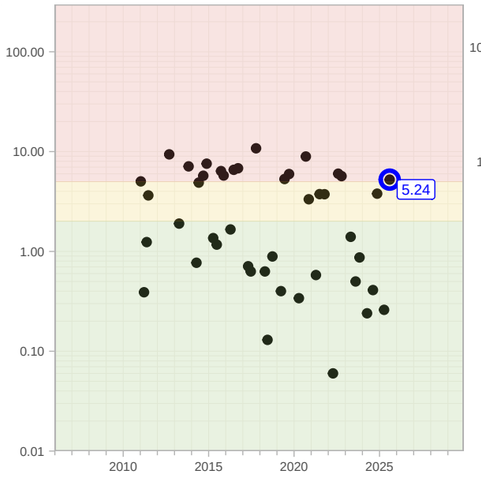
All | N = 44; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



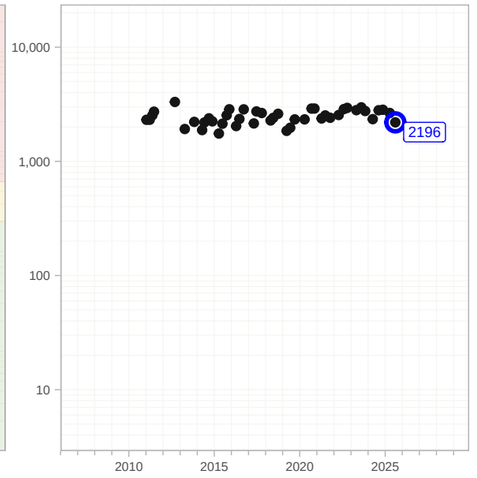
All | N = 44; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



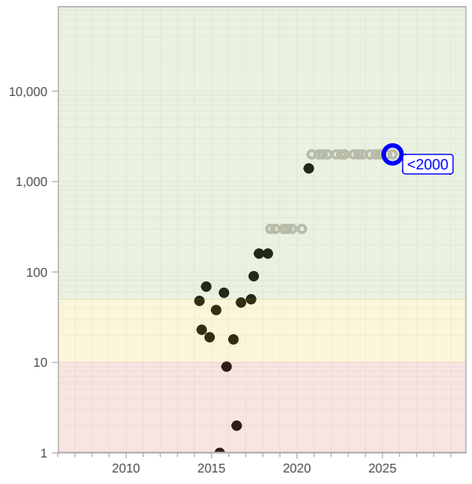
All | N = 44; ND = 0; %ND = 0; M−K = probably decreasing

Specific Conductance (uS/cm)



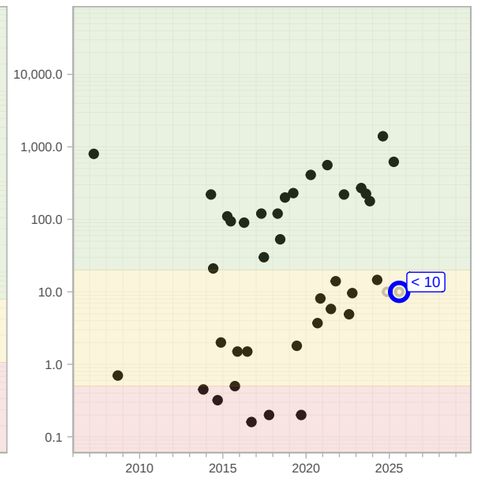
All | N = 44; ND = 0; %ND = 0; M−K = increasing

Sulfide (ug/L)



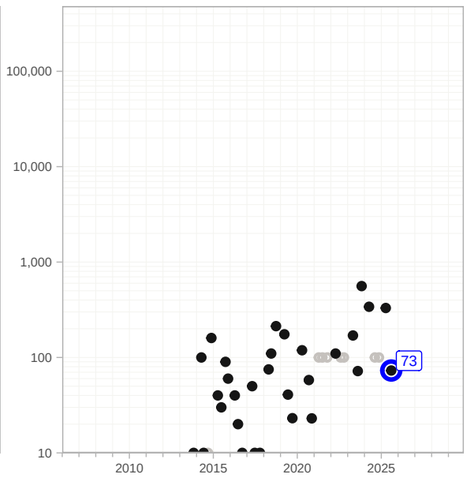
All | N = 37; ND = 21; %ND = 56.8; M−K = no trend

Methane (ug/L)



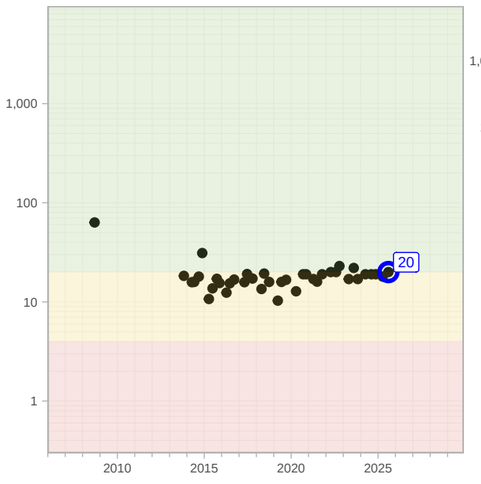
All | N = 40; ND = 2; %ND = 5; M−K = probably increasing

Iron − Ferrous (ug/L)



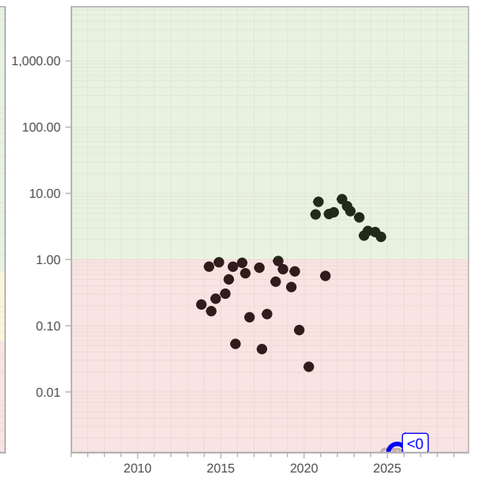
All | N = 38; ND = 8; %ND = 21.1; M−K = probably increasing

Total Organic Carbon (mg/L)



All | N = 39; ND = 0; %ND = 0; M−K = increasing

Total Volatile Fatty Acids (mg/L)



All | N = 38; ND = 3; %ND = 7.9; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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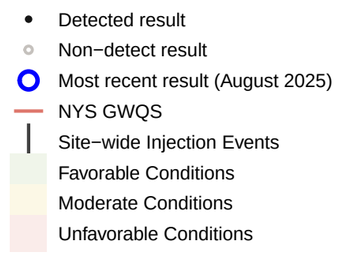
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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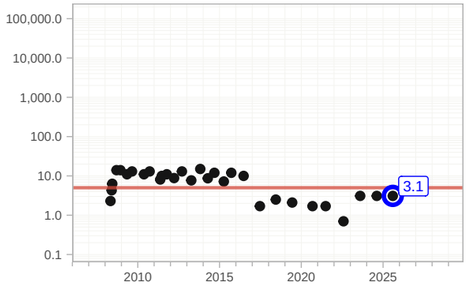
Trichloroethene (TCE) (ug/L)

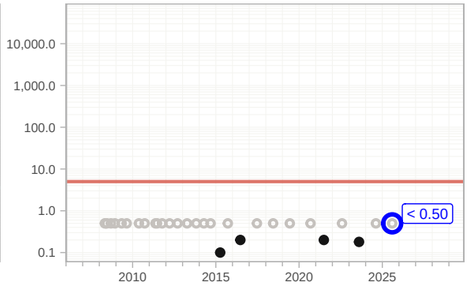
NYS GWQS = 5 ug/L



All | N = 30; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

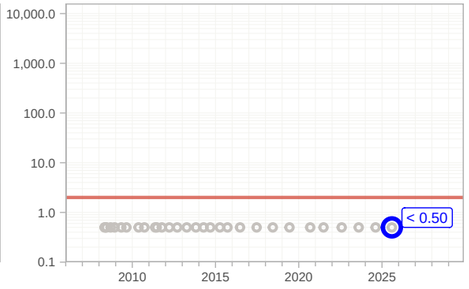
NYS GWQS = 5 ug/L



All | N = 30; ND = 26; %ND = 86.7; M−K = stable

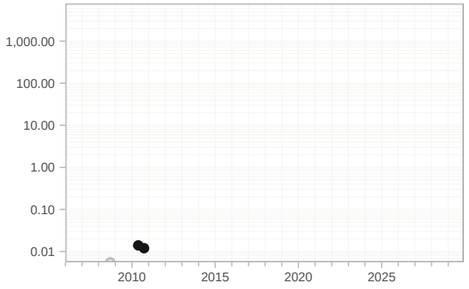
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



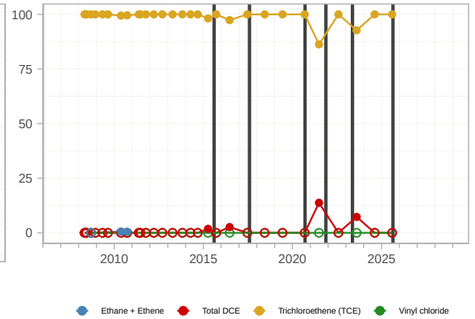
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



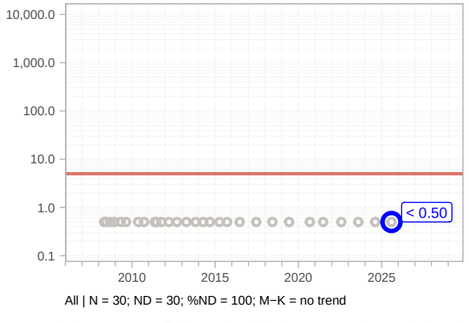
All | N = 3; ND = 1; %ND = 33.3; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

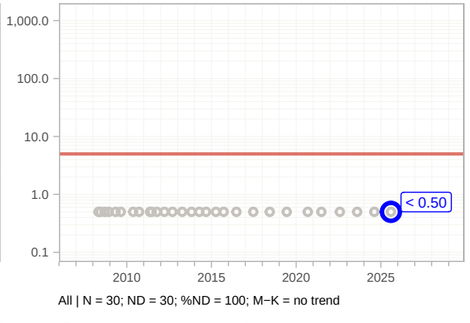
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

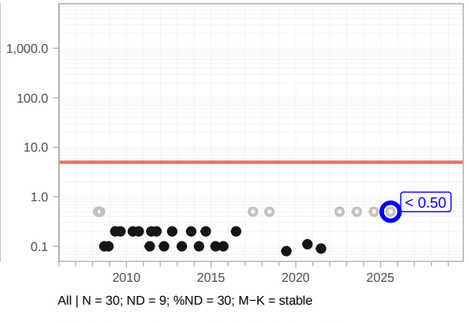
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

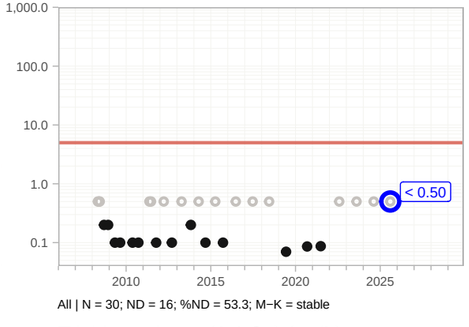
NYS GWQS = 5 ug/L



All | N = 30; ND = 9; %ND = 30; M−K = stable

Carbon tetrachloride (ug/L)

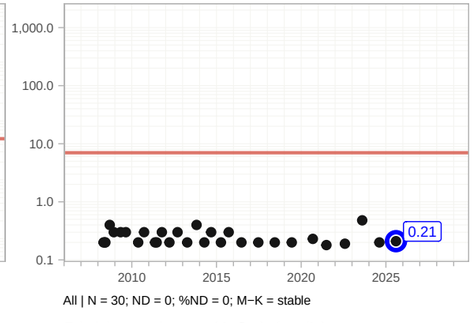
NYS GWQS = 5 ug/L



All | N = 30; ND = 16; %ND = 53.3; M−K = stable

Chloroform (Trichloromethane) (ug/L)

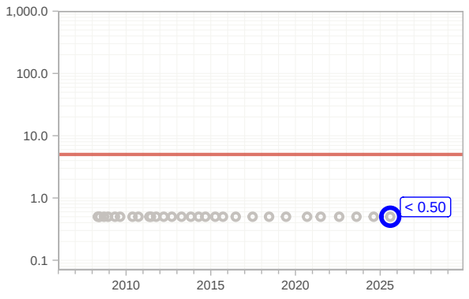
NYS GWQS = 7 ug/L



All | N = 30; ND = 0; %ND = 0; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

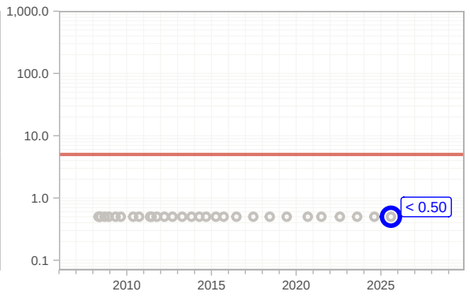
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Chloromethane (ug/L)

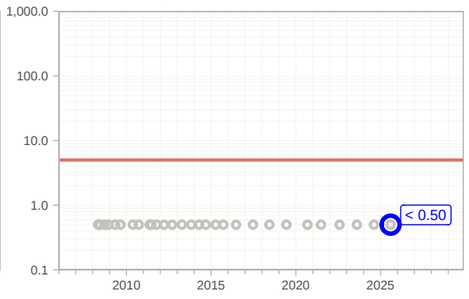
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

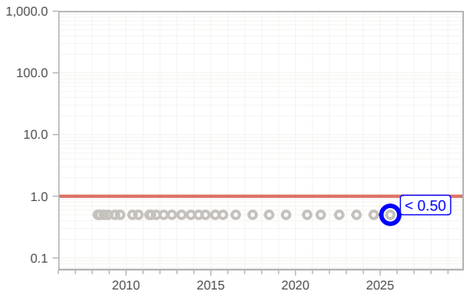
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

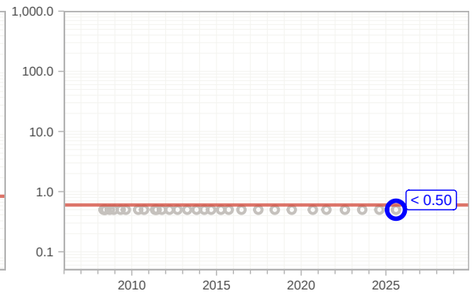
NYS GWQS = 1 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Notes:
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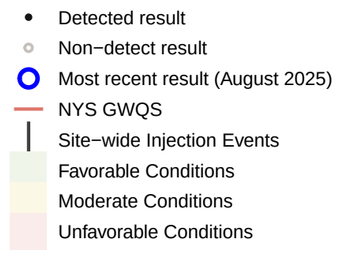
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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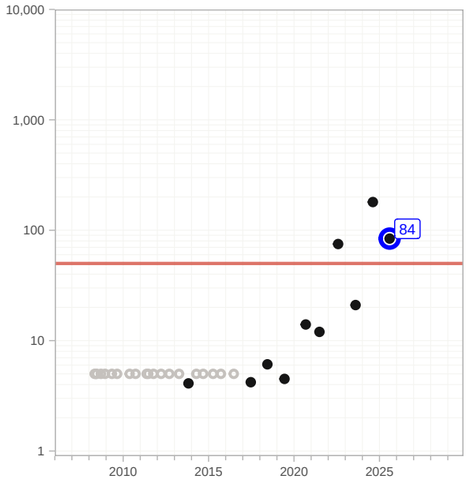
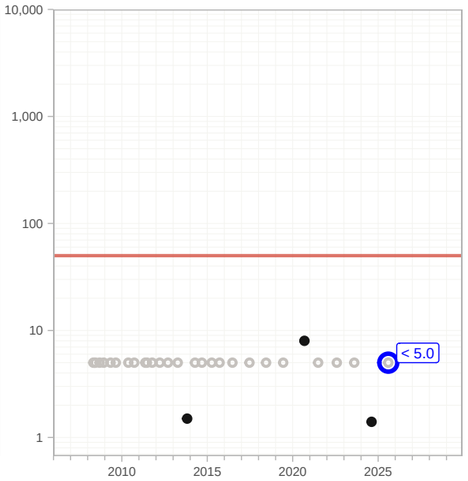
Acetone (ug/L)



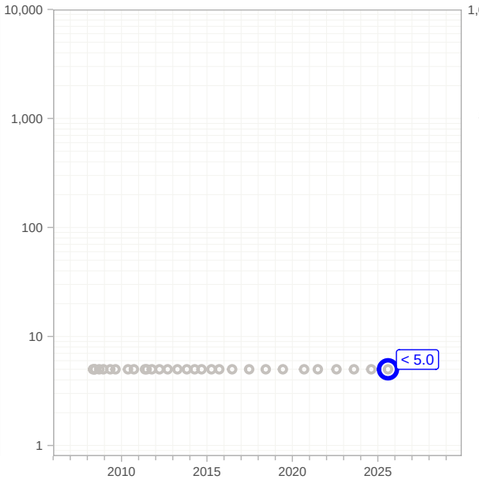
All | N = 30; ND = 20; %ND = 66.7; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



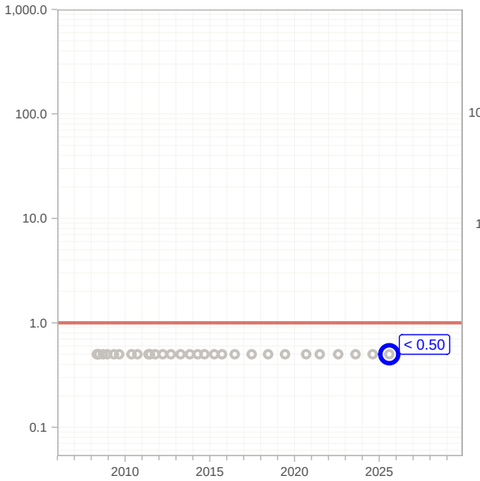
All | N = 30; ND = 27; %ND = 90; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



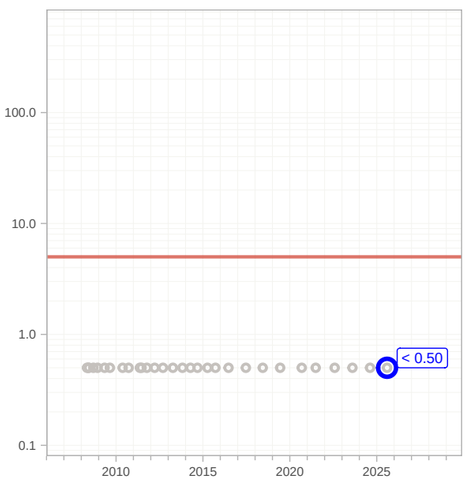
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Benzene (ug/L)



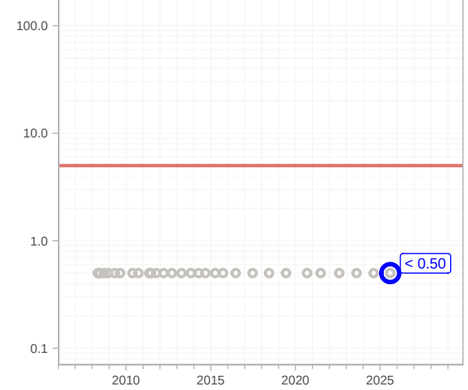
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Toluene (ug/L)



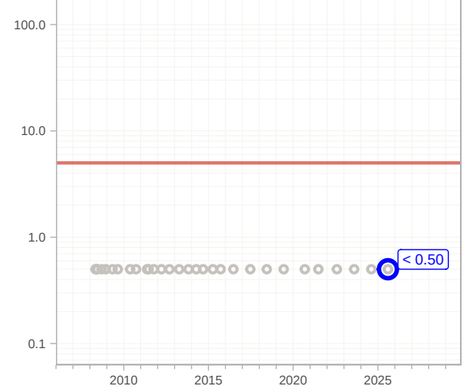
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



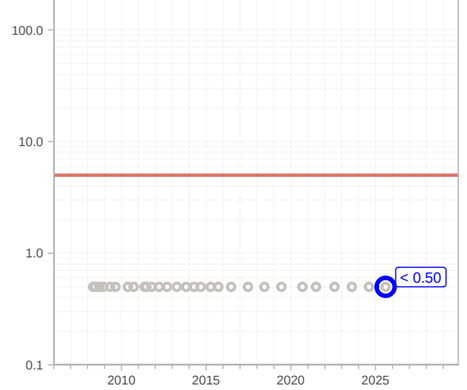
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



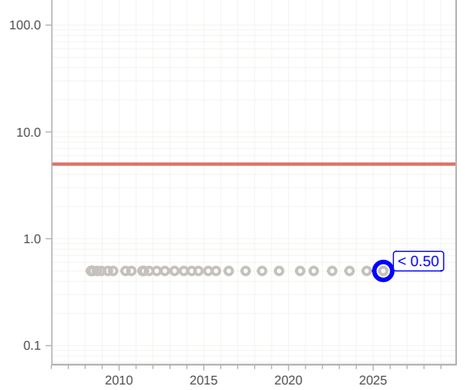
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 30; ND = 30; %ND = 100; M−K = no trend

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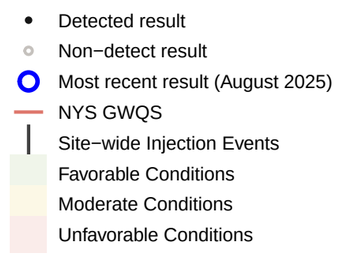

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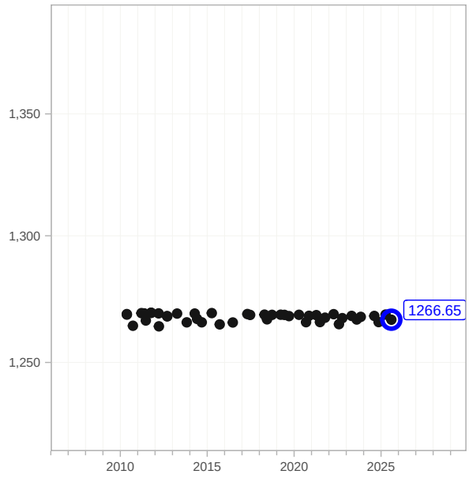
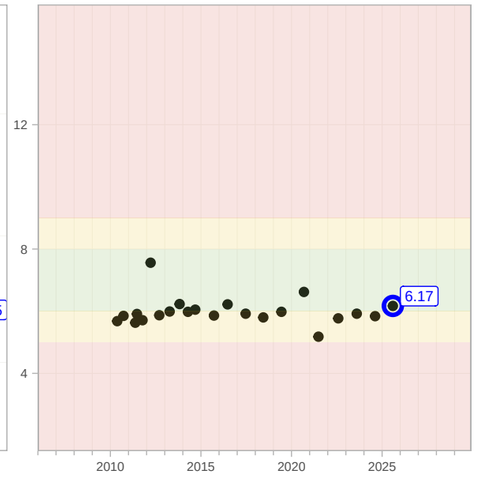
Groundwater Elevation (ft amsl)



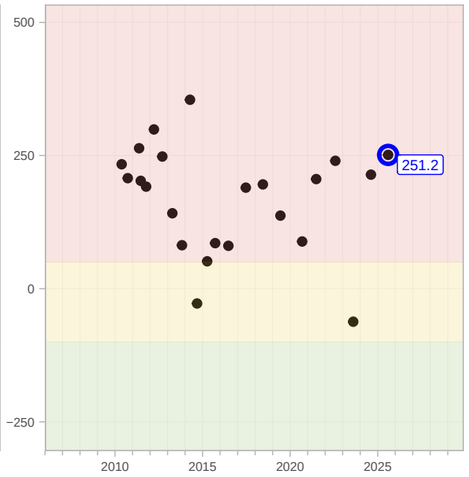
All | N = 45; ND = 0; %ND = 0; M−K = decreasing

pH (SU)



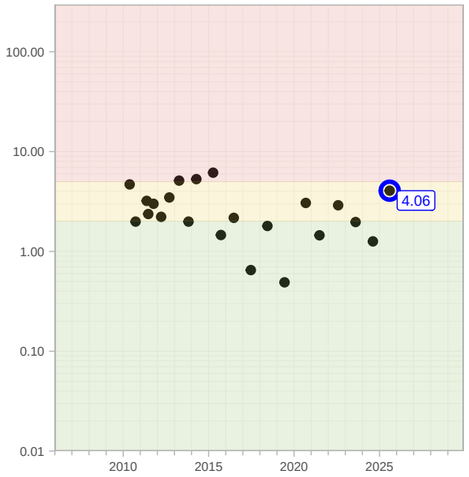
All | N = 22; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



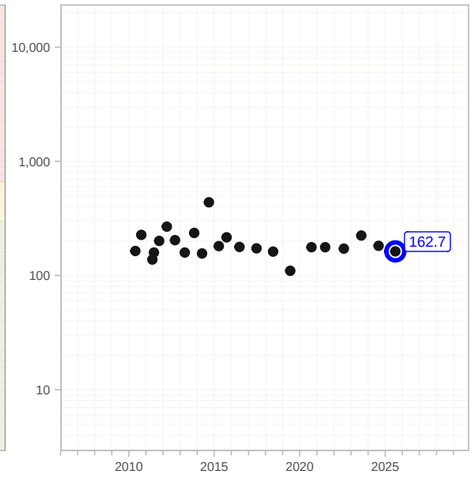
All | N = 23; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



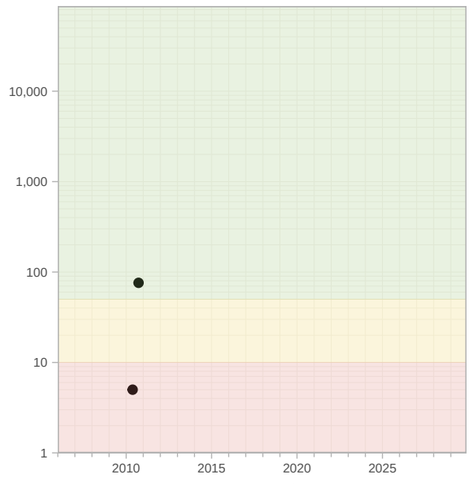
All | N = 22; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



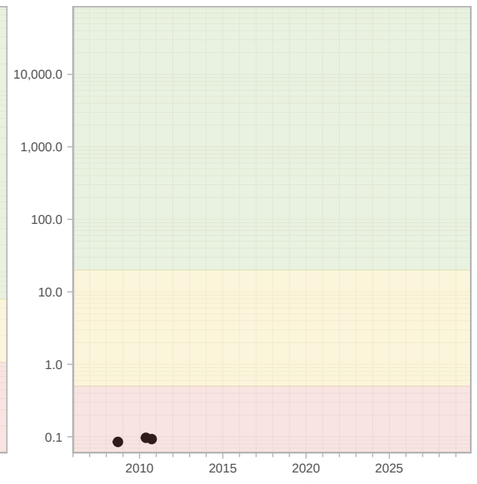
All | N = 23; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



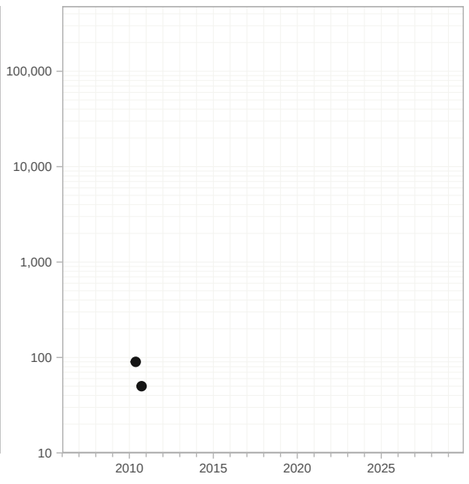
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



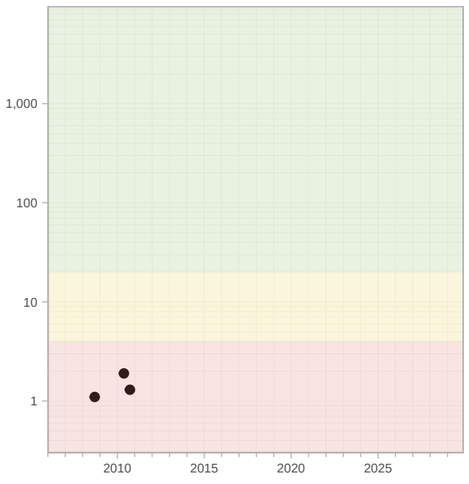
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



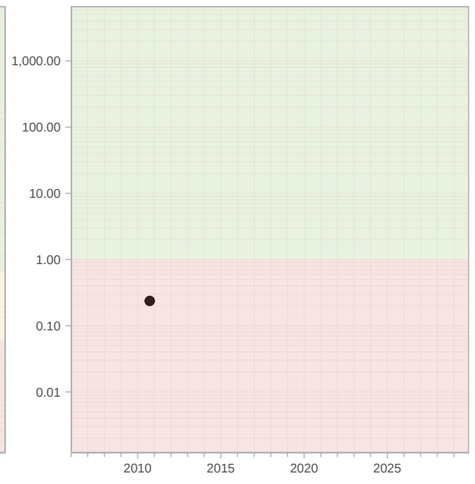
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Notes:
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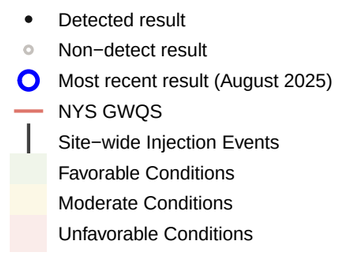

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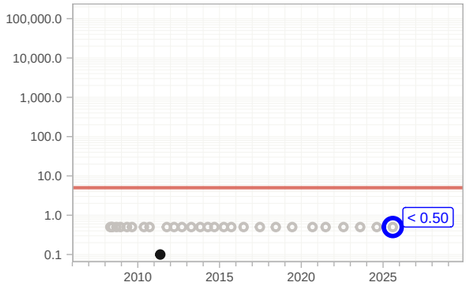
Trichloroethene (TCE) (ug/L)

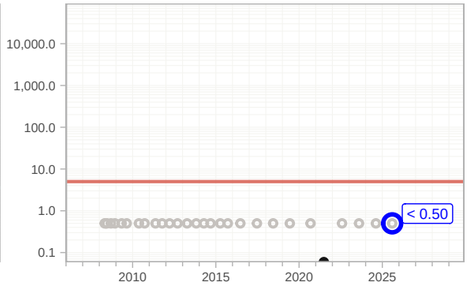
NYS GWQS = 5 ug/L



All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

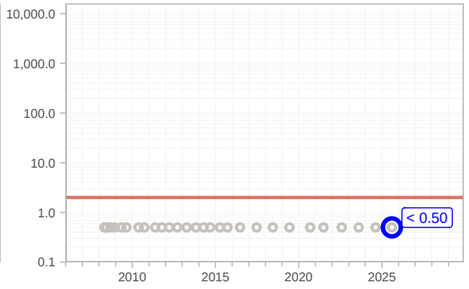
NYS GWQS = 5 ug/L



All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

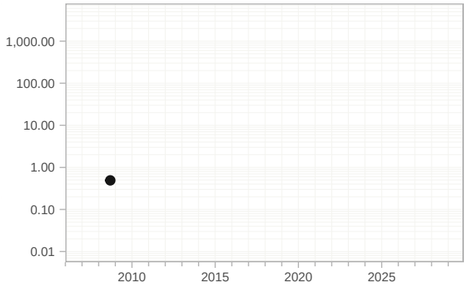
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



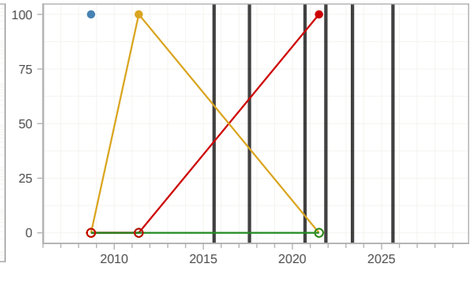
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



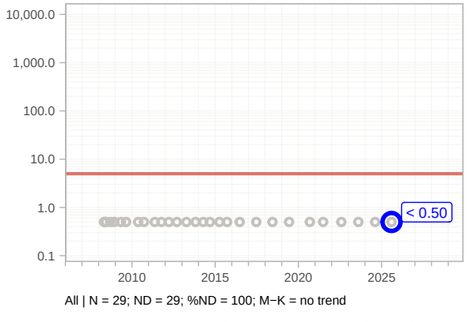
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

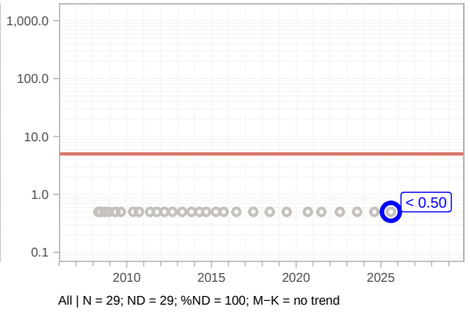
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

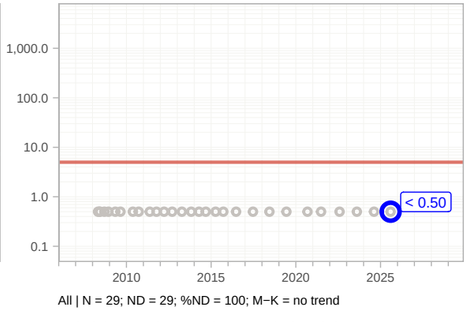
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

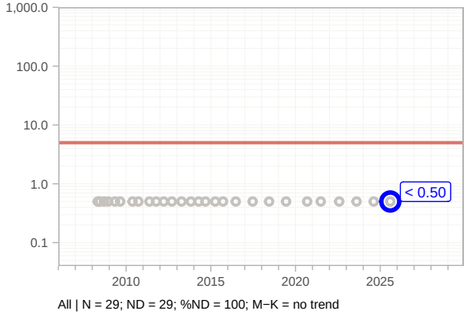
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

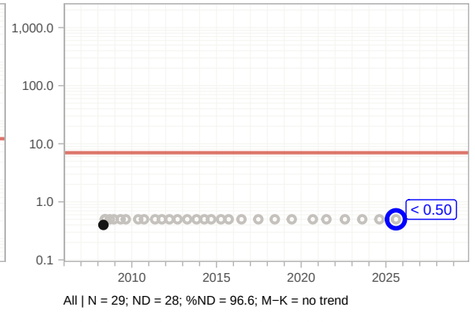
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

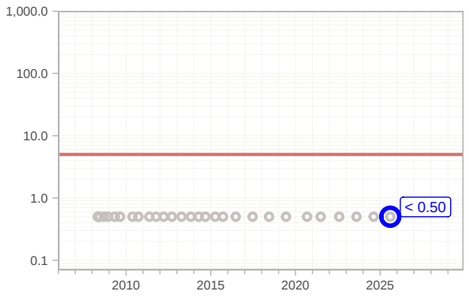
NYS GWQS = 7 ug/L



All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

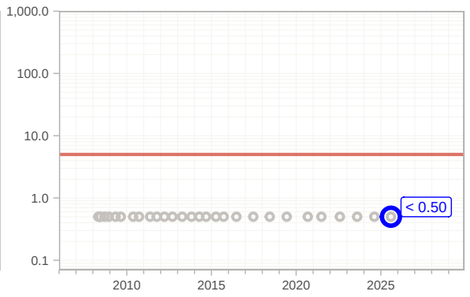
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Chloromethane (ug/L)

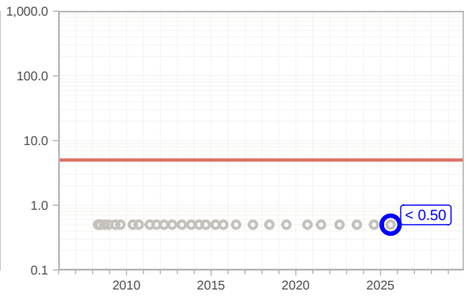
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

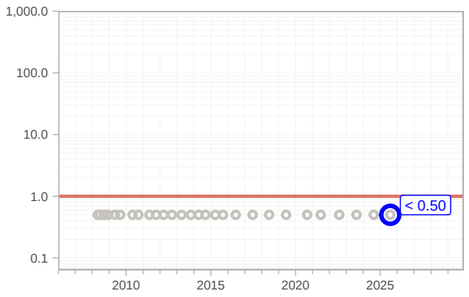
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

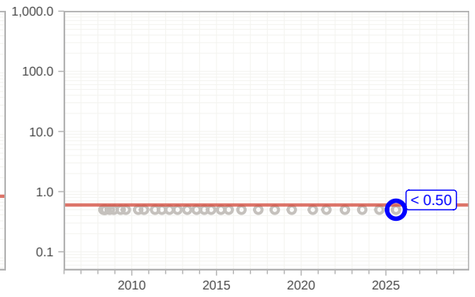
NYS GWQS = 1 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

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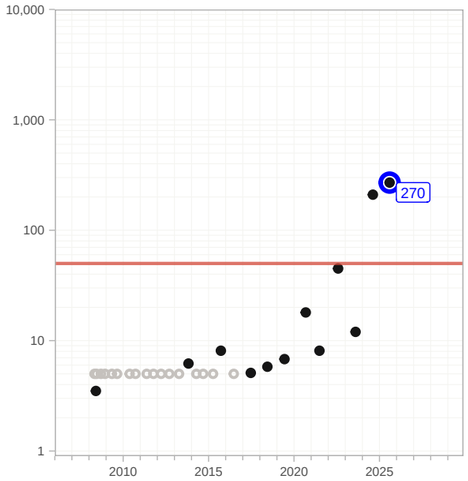
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−21A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

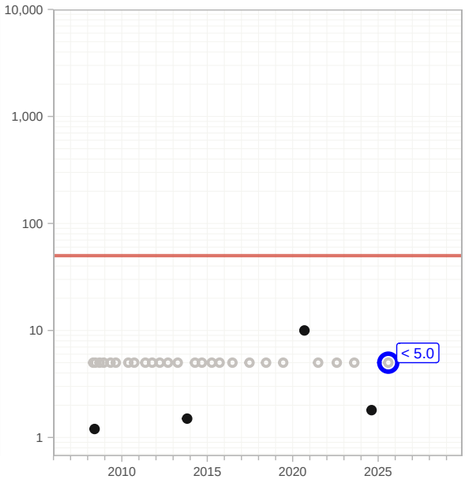
NYS GWQS = 50 ug/L



All | N = 29; ND = 17; %ND = 58.6; M−K = strong increasing

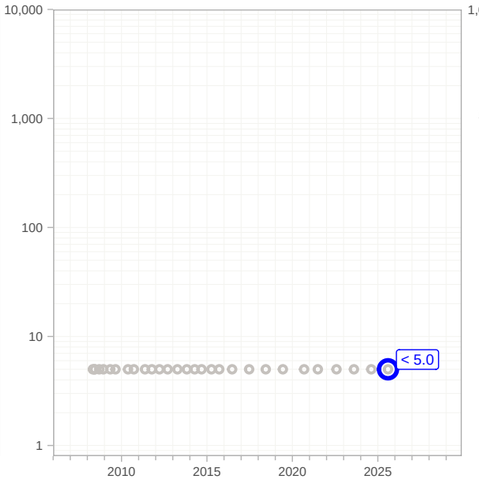
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 29; ND = 25; %ND = 86.2; M−K = no trend

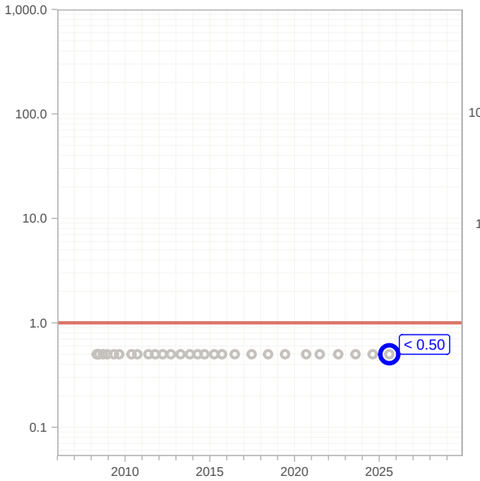
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Benzene (ug/L)

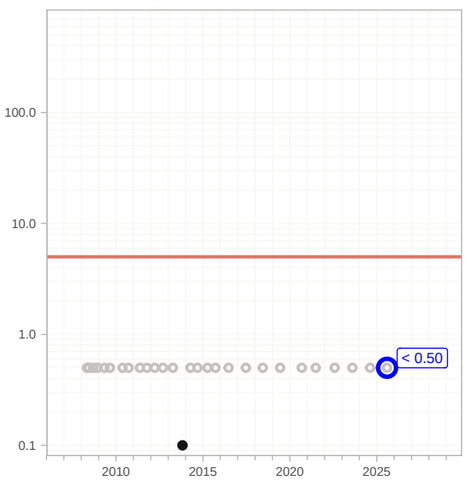
NYS GWQS = 1 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Toluene (ug/L)

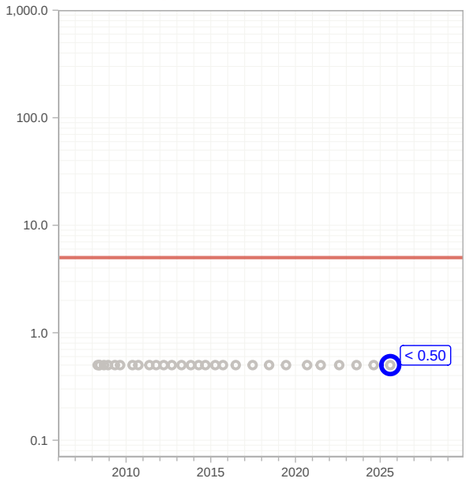
NYS GWQS = 5 ug/L



All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

Ethylbenzene (ug/L)

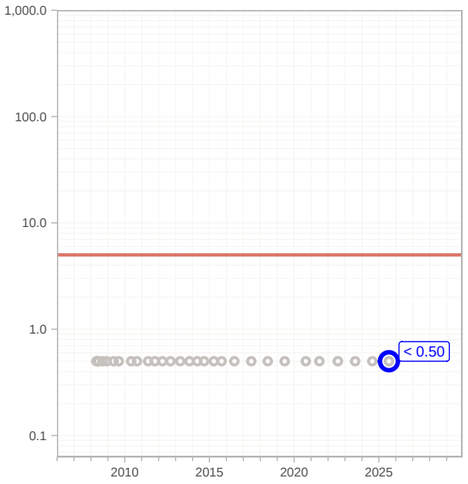
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

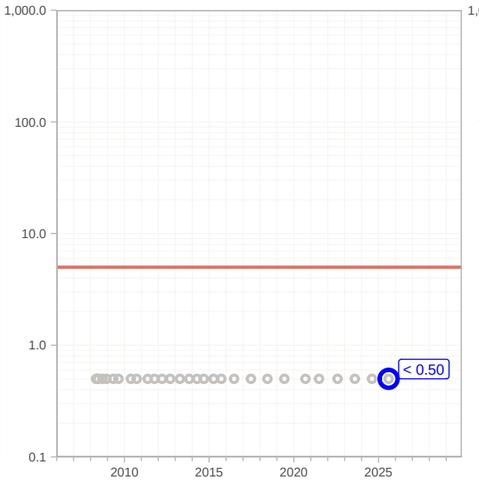
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

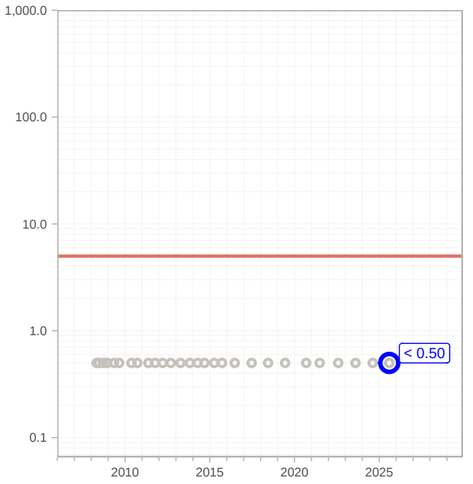
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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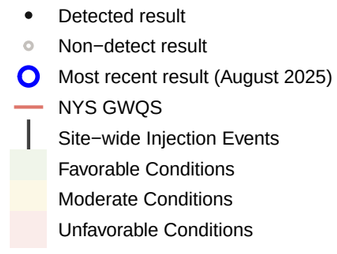
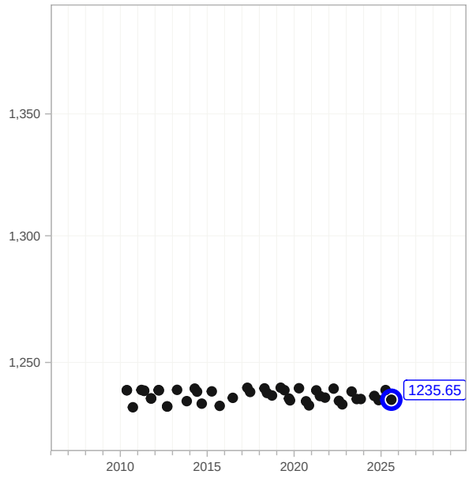


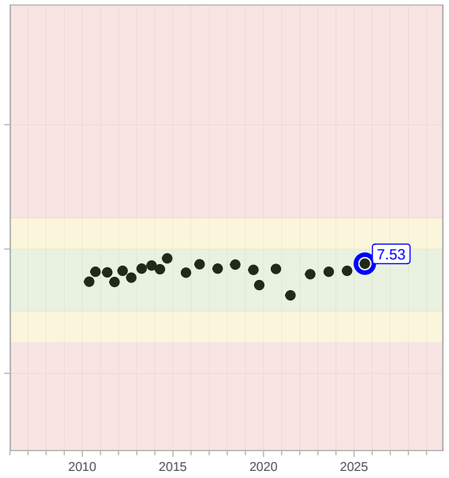
BP−21A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



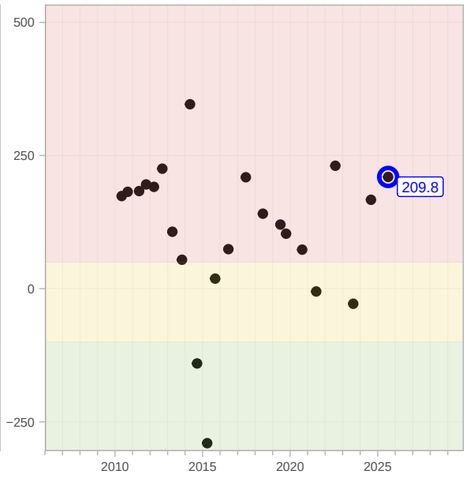
All | N = 45; ND = 0; %ND = 0; M−K = stable

pH (SU)



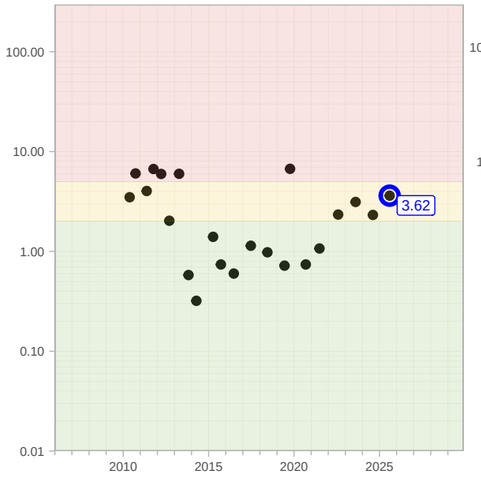
All | N = 22; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



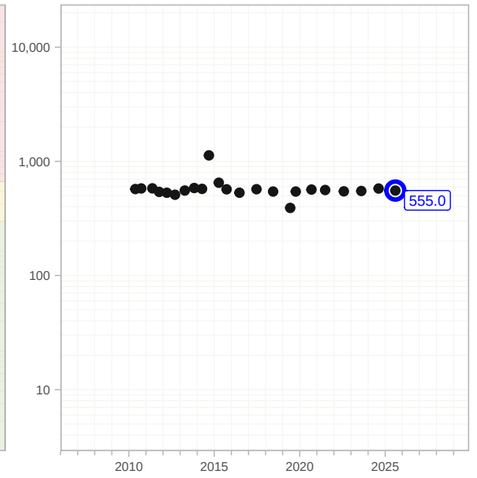
All | N = 23; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



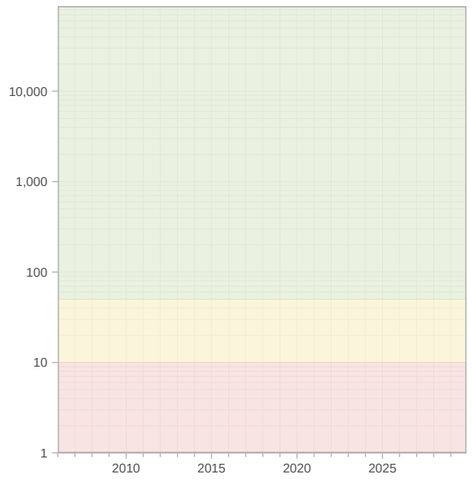
All | N = 22; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



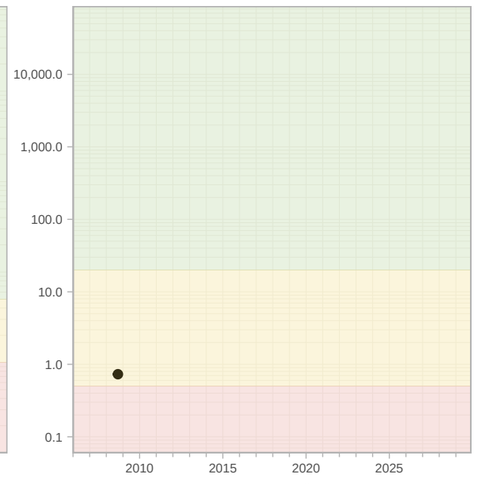
All | N = 23; ND = 0; %ND = 0; M−K = stable

Sulfide



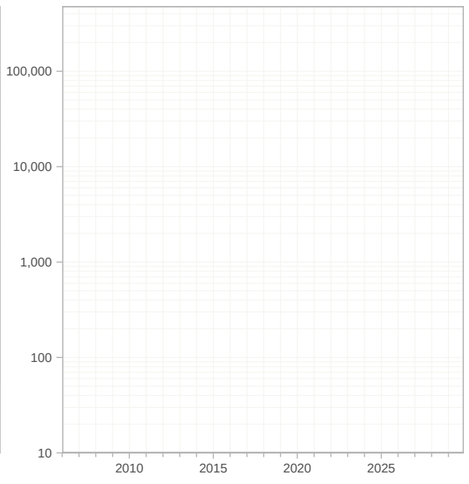
No Data

Methane (ug/L)



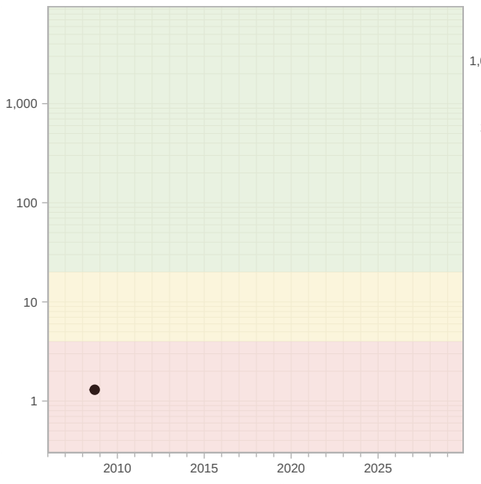
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



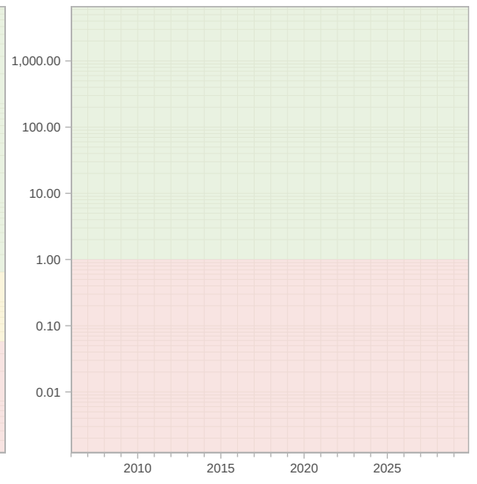
No Data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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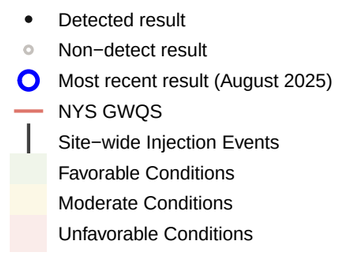
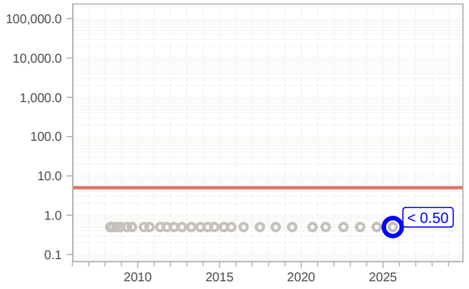
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−22A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

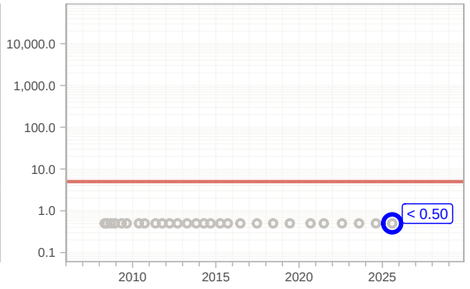
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

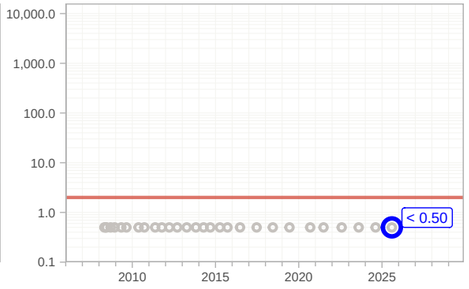
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

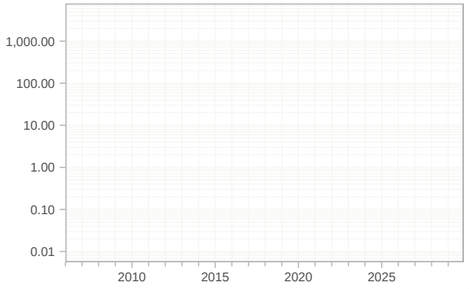
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



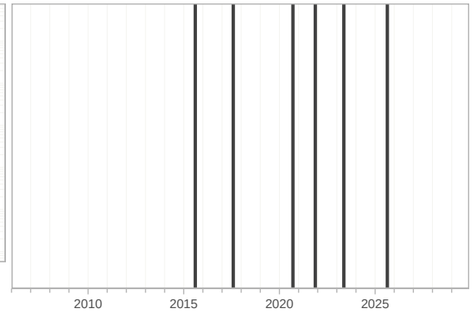
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Ethane + Ethene



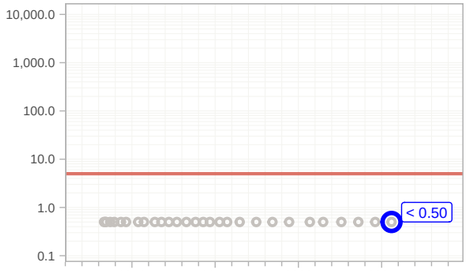
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

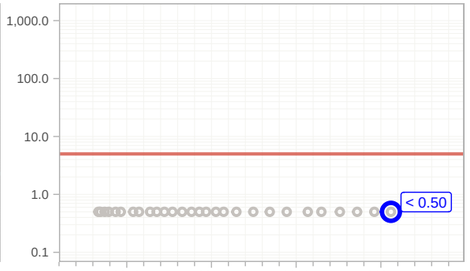
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

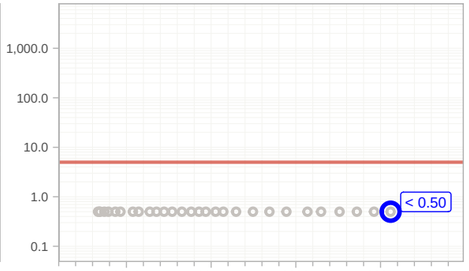
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

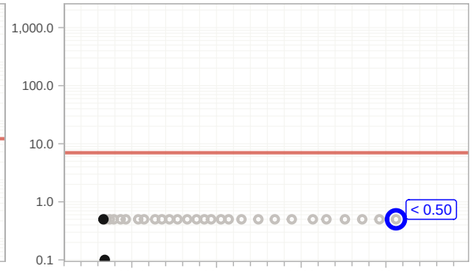
Carbon tetrachloride (ug/L)

NYS GWQS = 5 ug/L

All | N = 29; ND = 29; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

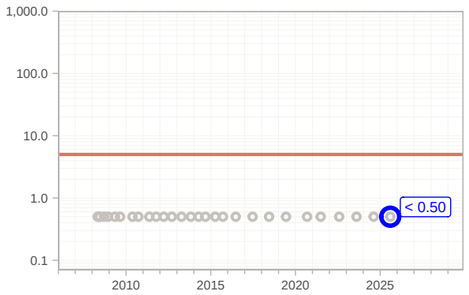
NYS GWQS = 7 ug/L



All | N = 29; ND = 27; %ND = 93.1; M−K = decreasing

Methylene Chloride (Dichloromethane) (ug/L

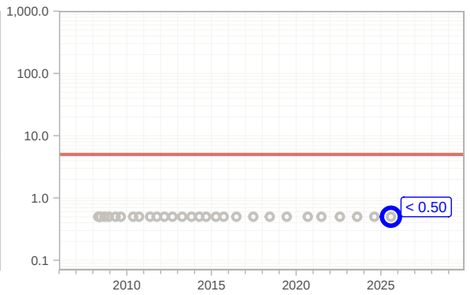
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Chloromethane (ug/L)

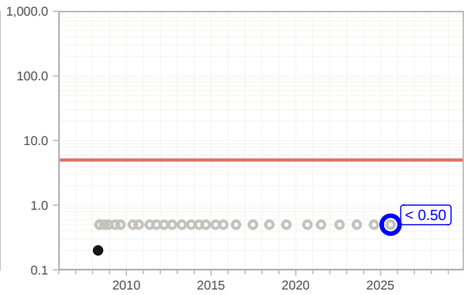
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

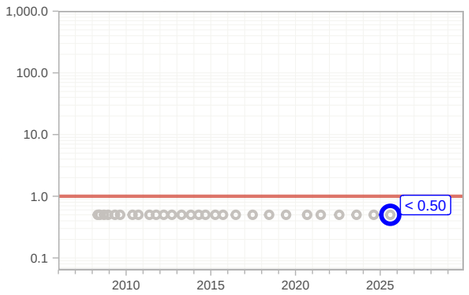
NYS GWQS = 5 ug/L



All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

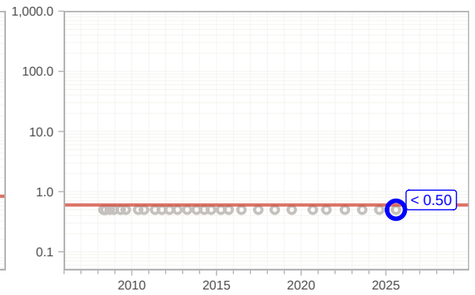
NYS GWQS = 1 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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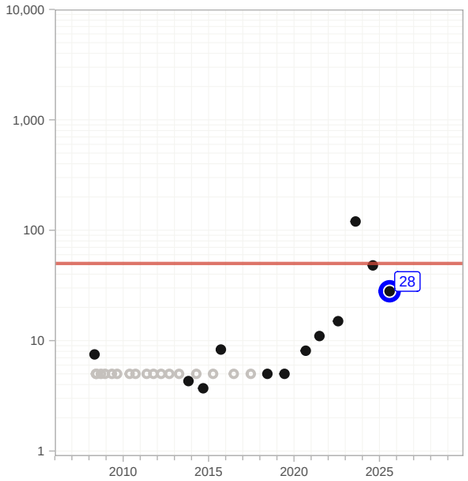
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

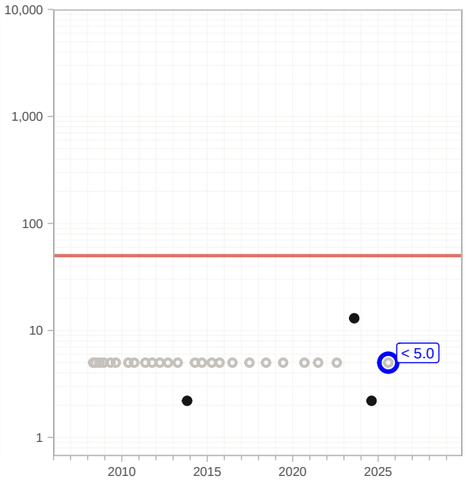
BP−22A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



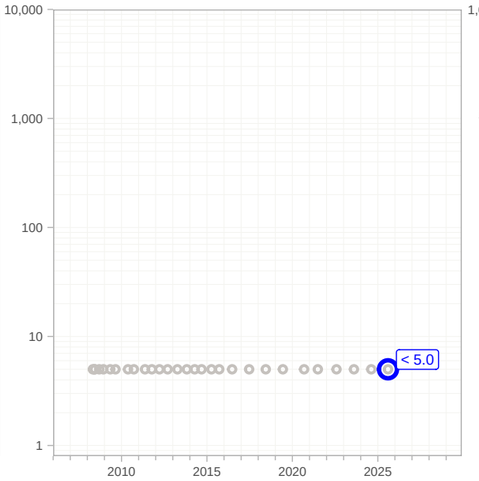
All | N = 29; ND = 17; %ND = 58.6; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



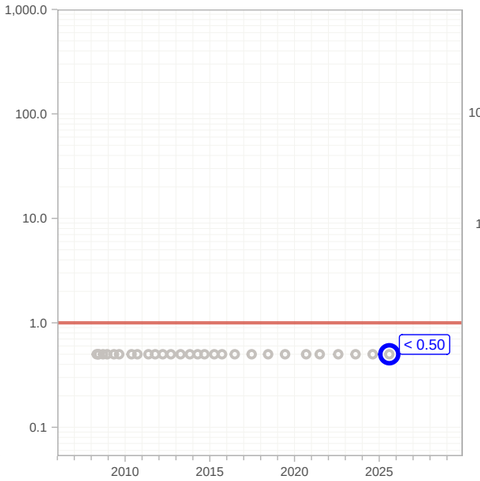
All | N = 29; ND = 26; %ND = 89.7; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



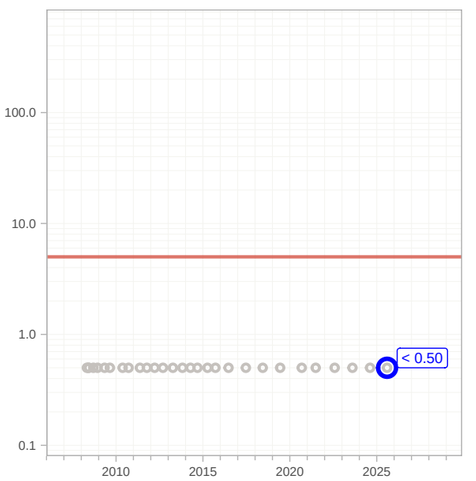
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Benzene (ug/L)



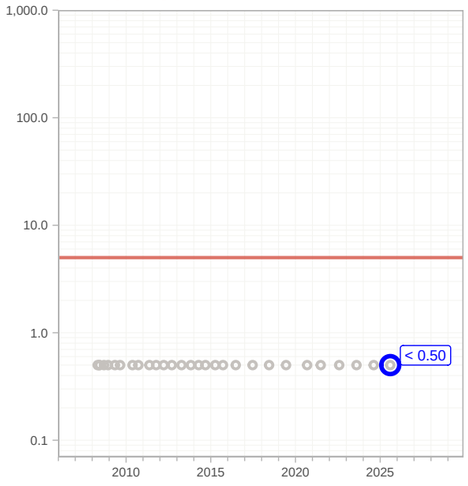
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Toluene (ug/L)



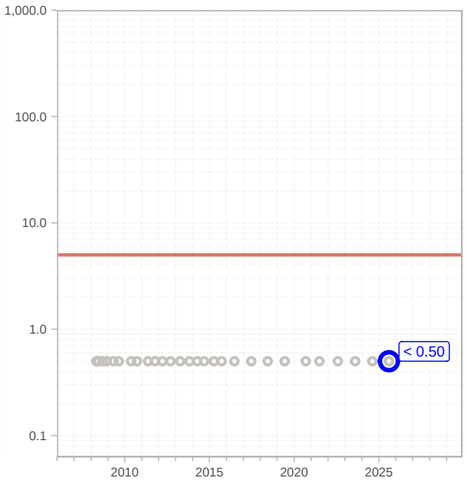
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



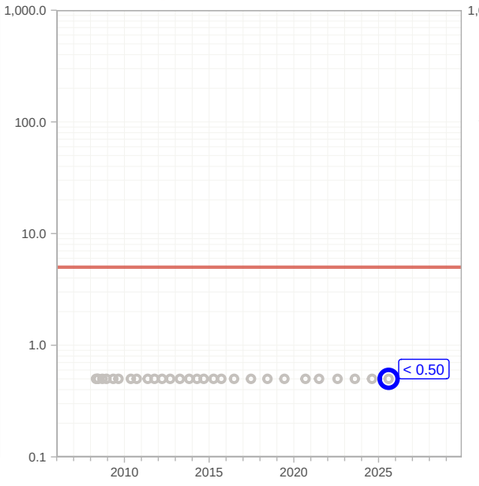
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



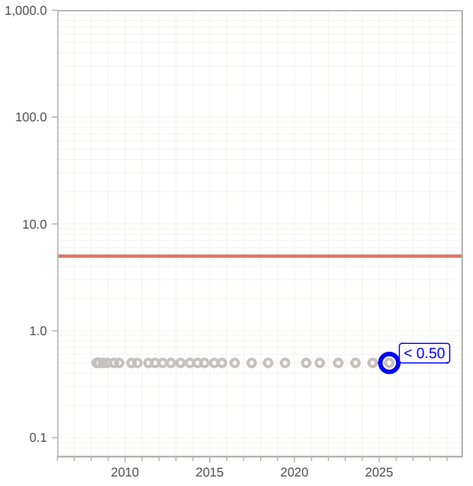
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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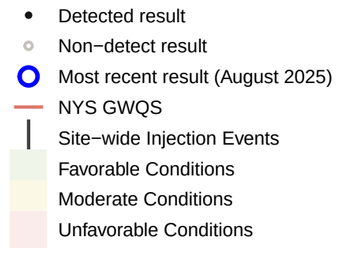
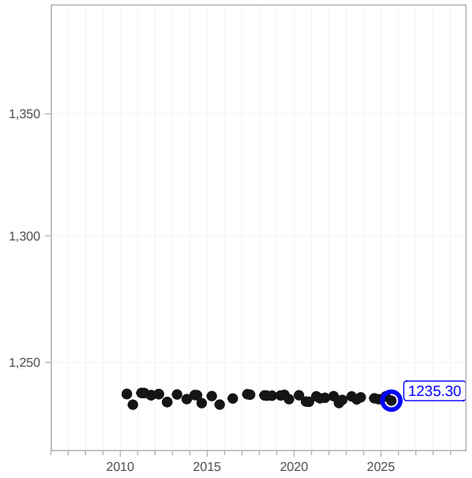
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



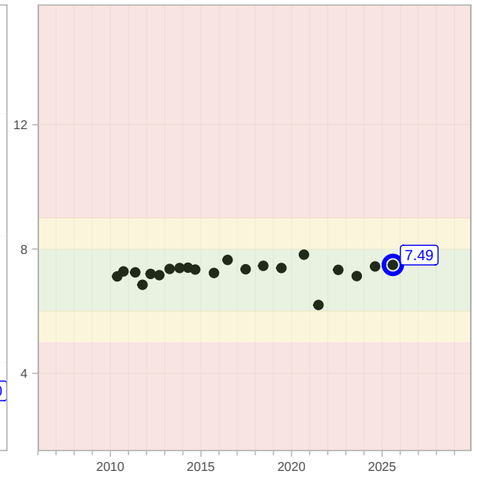
BP−22A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



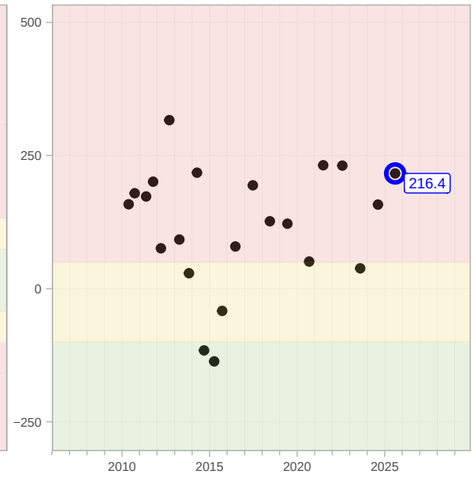
All | N = 44; ND = 0; %ND = 0; M−K = strong decreasing

pH (SU)



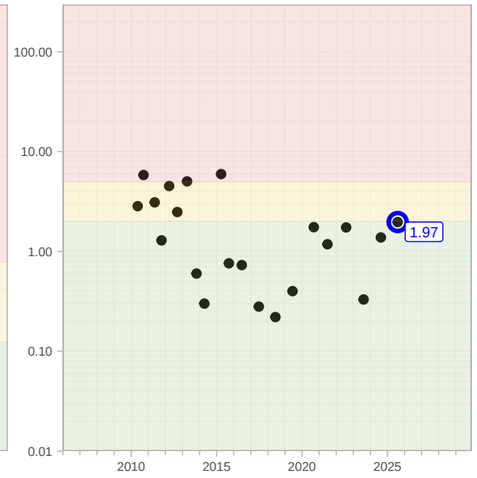
All | N = 21; ND = 0; %ND = 0; M−K = increasing

Oxidation/Reduction Potential (mV)



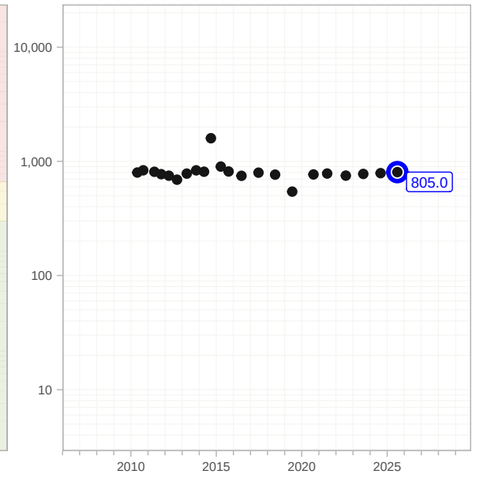
All | N = 22; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



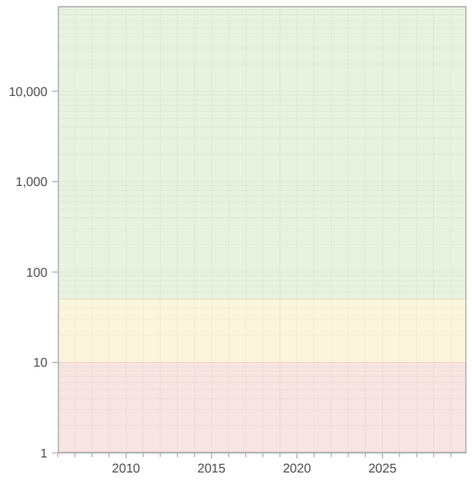
All | N = 21; ND = 0; %ND = 0; M−K = probably decreasing

Specific Conductance (uS/cm)



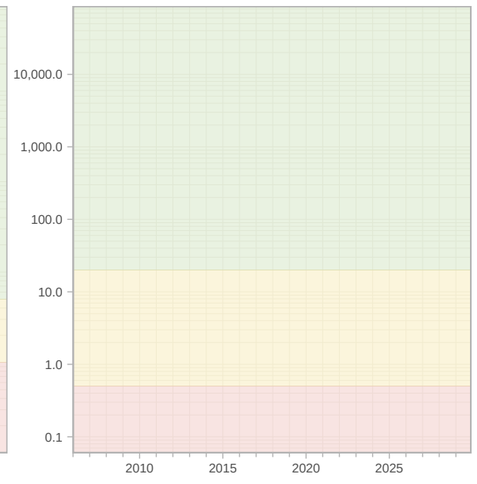
All | N = 22; ND = 0; %ND = 0; M−K = stable

Sulfide



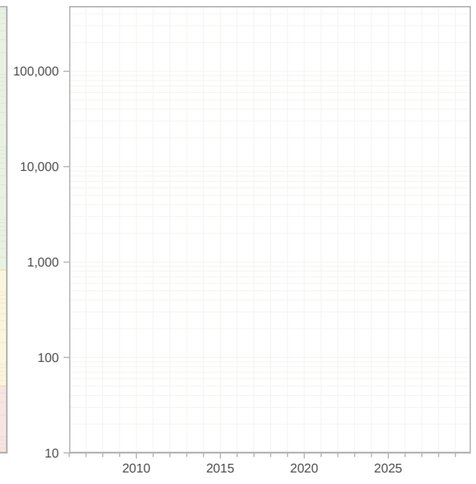
No Data

Methane



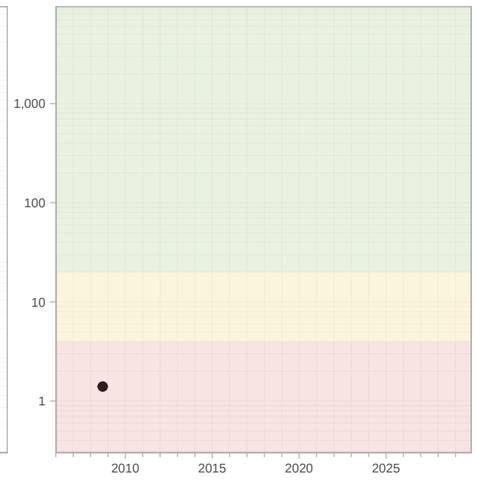
No Data

Iron − Ferrous



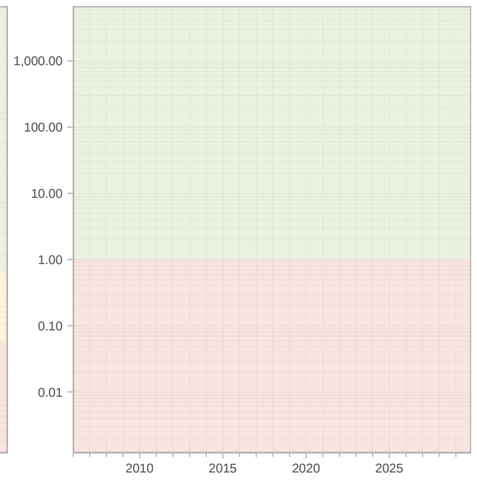
No Data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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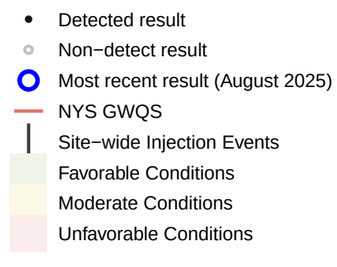
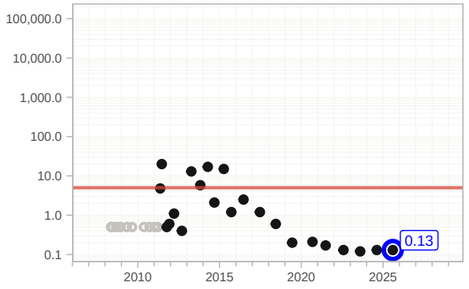
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−23A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

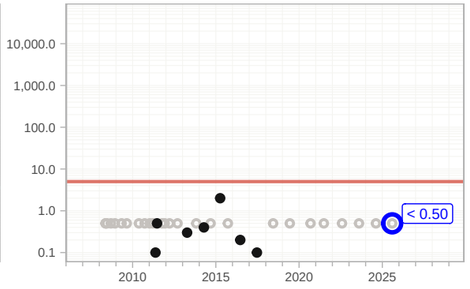
NYS GWQS = 5 ug/L



All | N = 33; ND = 11; %ND = 33.3; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

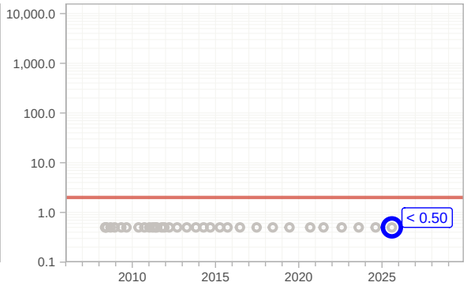
NYS GWQS = 5 ug/L



All | N = 33; ND = 26; %ND = 78.8; M−K = no trend

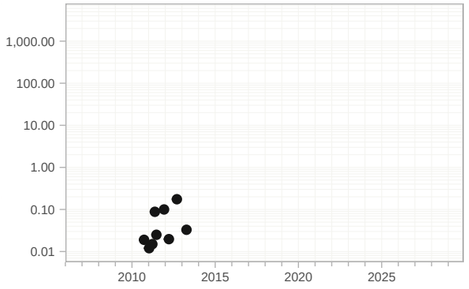
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



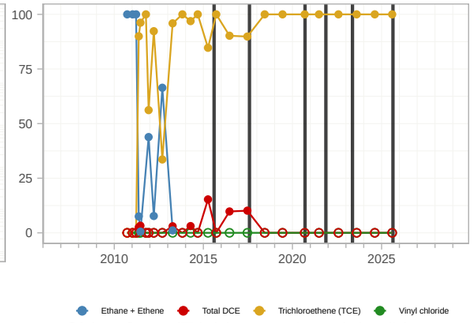
All | N = 33; ND = 33; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



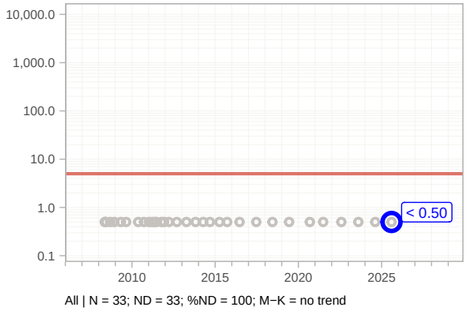
All | N = 9; ND = 0; %ND = 0; M−K = probably increasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

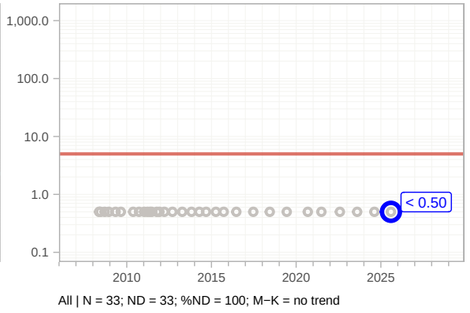
NYS GWQS = 5 ug/L



All | N = 33; ND = 33; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

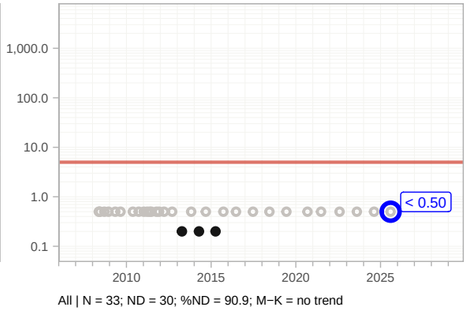
NYS GWQS = 5 ug/L



All | N = 33; ND = 33; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

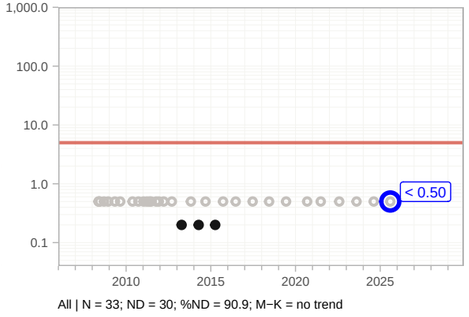
NYS GWQS = 5 ug/L



All | N = 33; ND = 30; %ND = 90.9; M−K = no trend

Carbon tetrachloride (ug/L)

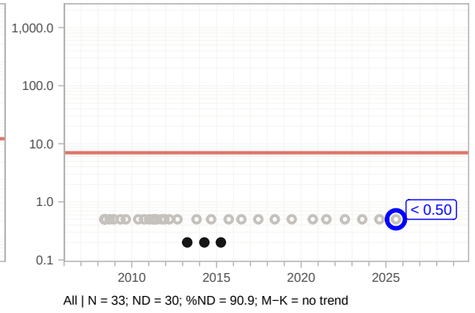
NYS GWQS = 5 ug/L



All | N = 33; ND = 30; %ND = 90.9; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

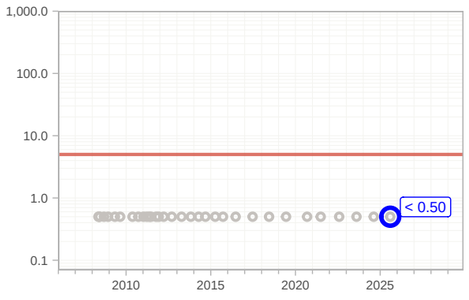
NYS GWQS = 7 ug/L



All | N = 33; ND = 30; %ND = 90.9; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

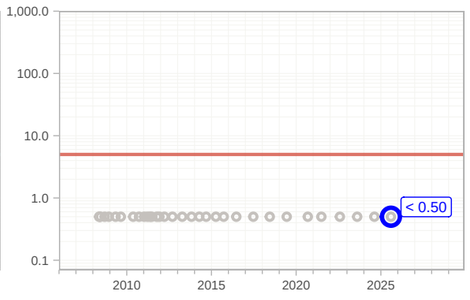
NYS GWQS = 5 ug/L



All | N = 33; ND = 33; %ND = 100; M−K = no trend

Chloromethane (ug/L)

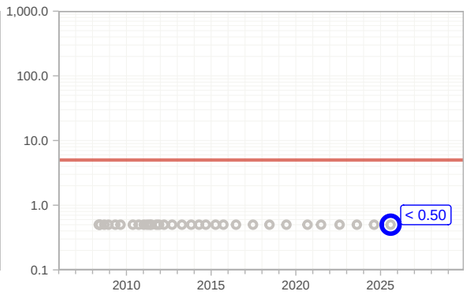
NYS GWQS = 5 ug/L



All | N = 33; ND = 33; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

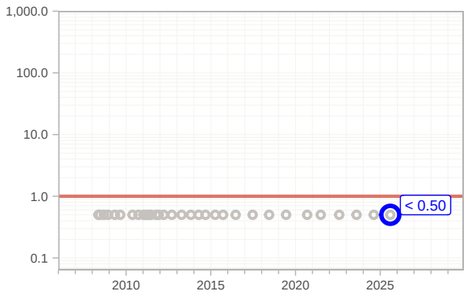
NYS GWQS = 5 ug/L



All | N = 33; ND = 33; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

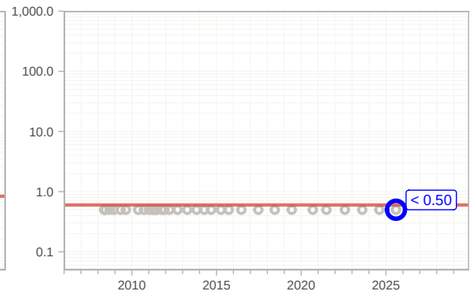
NYS GWQS = 1 ug/L



All | N = 33; ND = 33; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 33; ND = 33; %ND = 100; M−K = no trend

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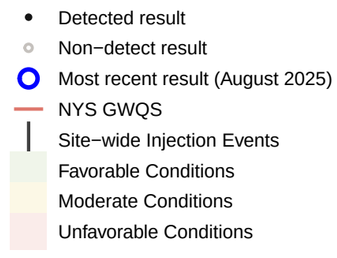
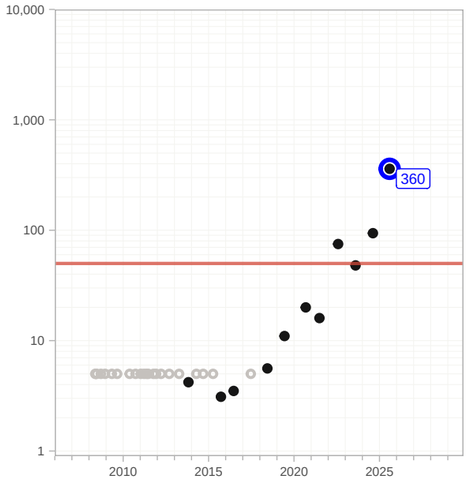


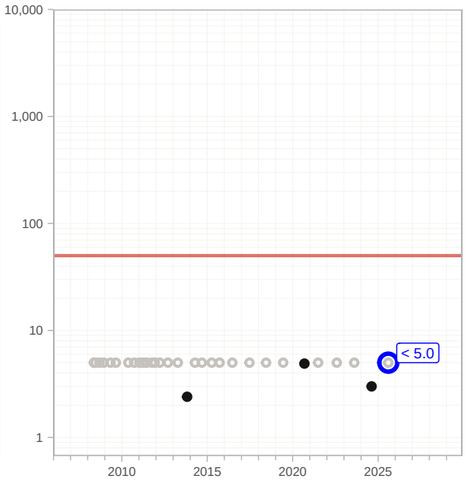
BP−23A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



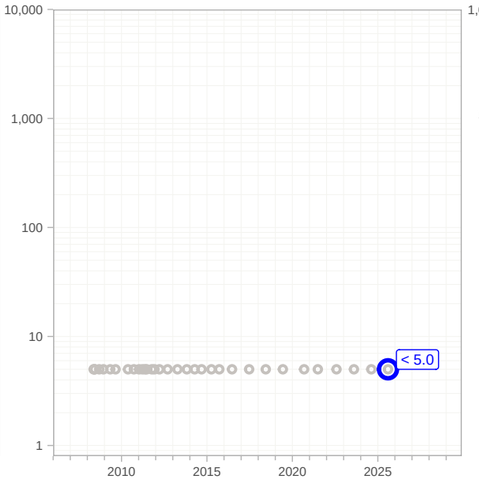
All | N = 33; ND = 22; %ND = 66.7; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



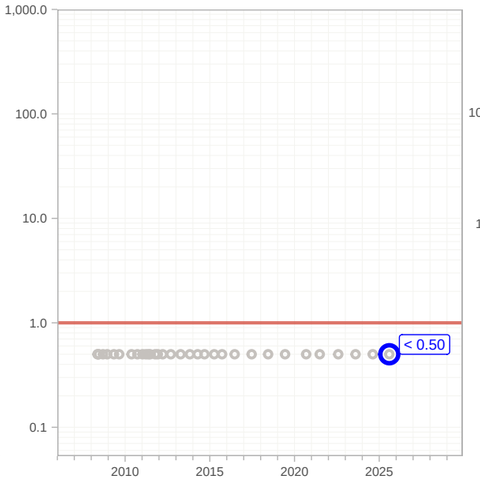
All | N = 33; ND = 30; %ND = 90.9; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



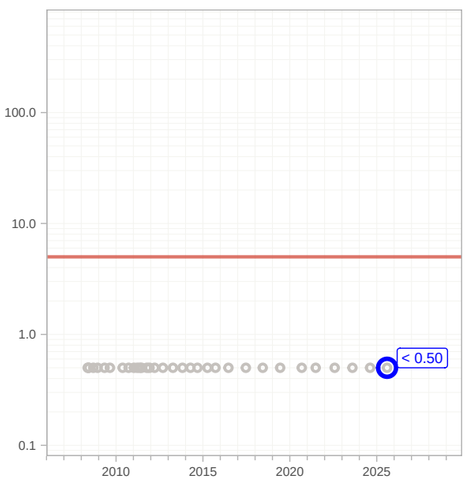
All | N = 33; ND = 33; %ND = 100; M−K = no trend

Benzene (ug/L)



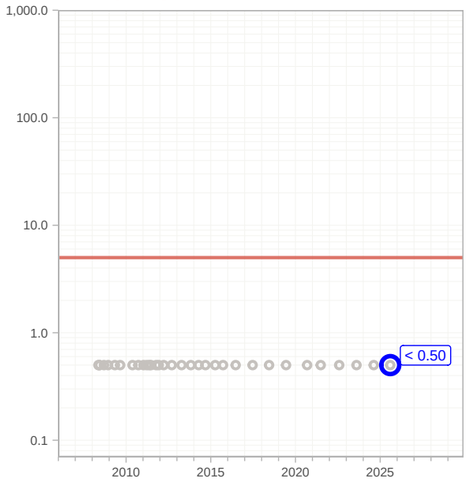
All | N = 33; ND = 33; %ND = 100; M−K = no trend

Toluene (ug/L)



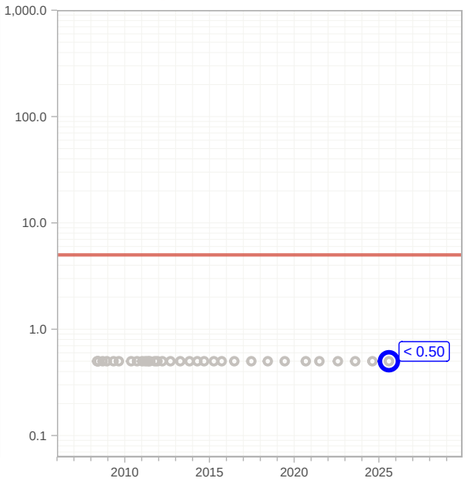
All | N = 33; ND = 33; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



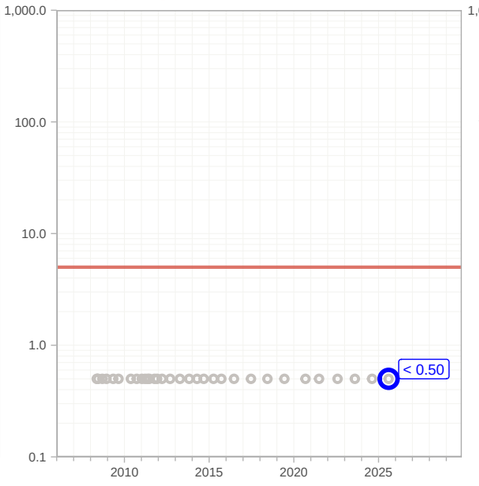
All | N = 33; ND = 33; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



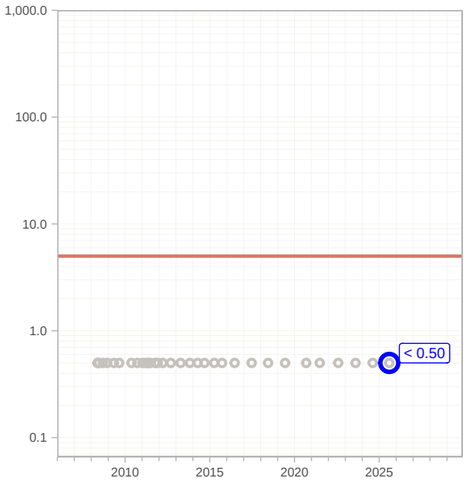
All | N = 33; ND = 33; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 33; ND = 33; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 33; ND = 33; %ND = 100; M−K = no trend

Notes:
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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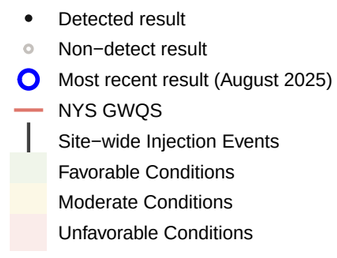
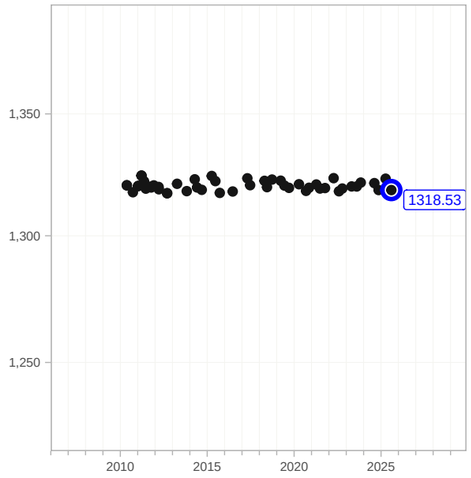
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



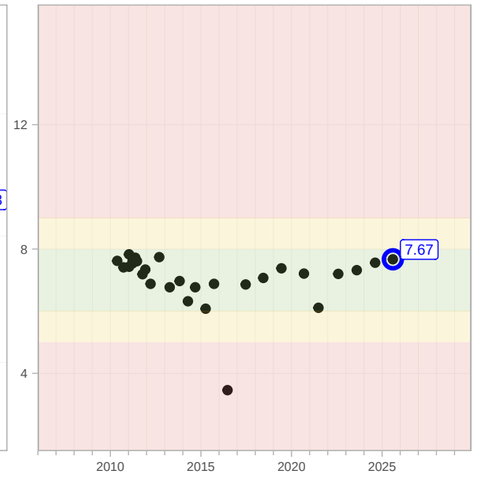
BP−23A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



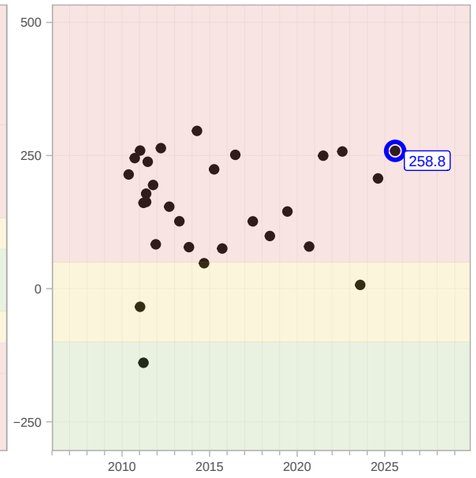
All | N = 50; ND = 0; %ND = 0; M−K = stable

pH (SU)



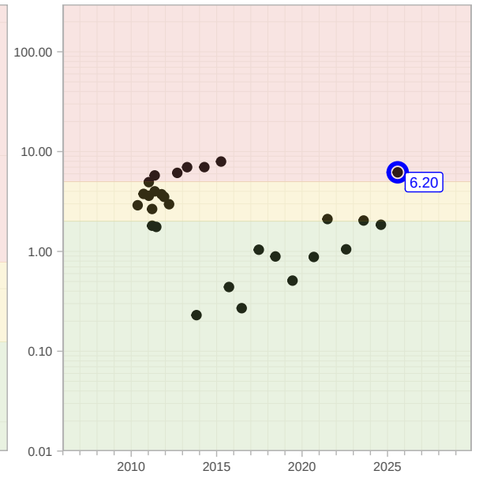
All | N = 29; ND = 0; %ND = 0; M−K = probably decreasing

Oxidation/Reduction Potential (mV)



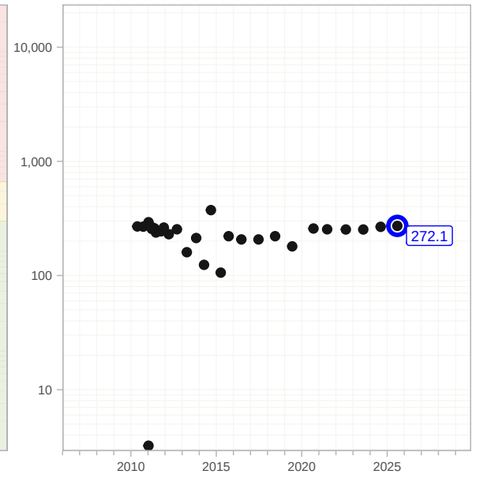
All | N = 29; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



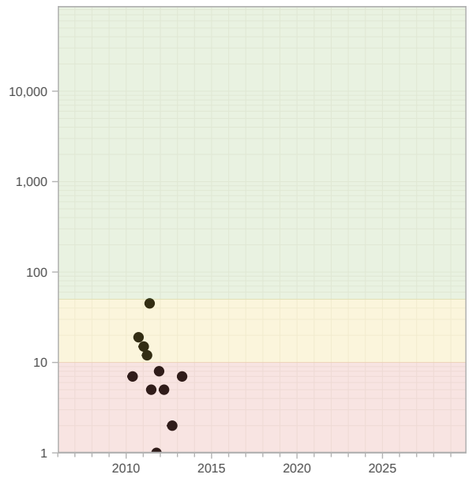
All | N = 28; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



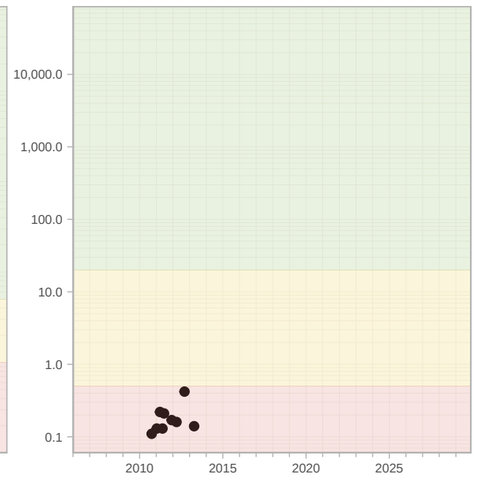
All | N = 29; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



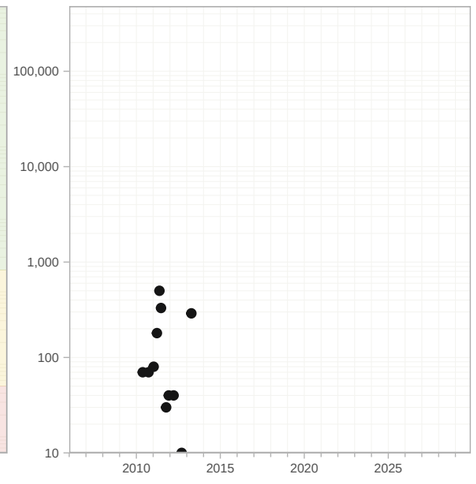
All | N = 11; ND = 0; %ND = 0; M−K = no trend

Methane (ug/L)



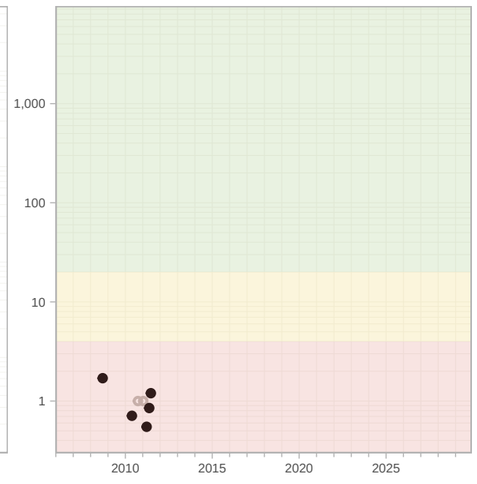
All | N = 9; ND = 0; %ND = 0; M−K = stable

Iron − Ferrous (ug/L)



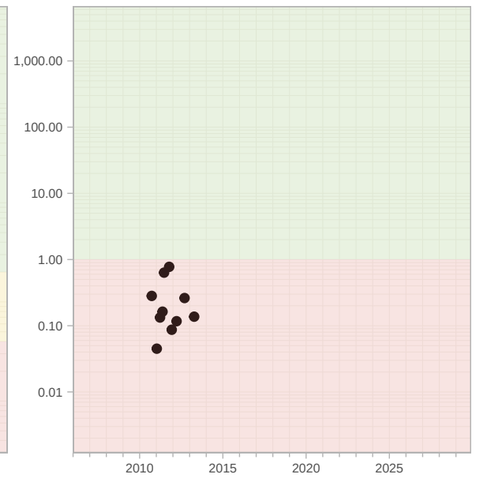
All | N = 11; ND = 0; %ND = 0; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 7; ND = 2; %ND = 28.6; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 10; ND = 0; %ND = 0; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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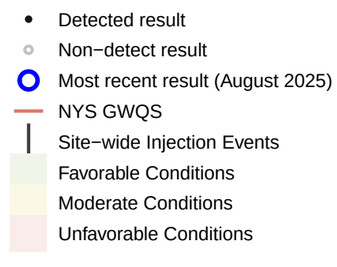

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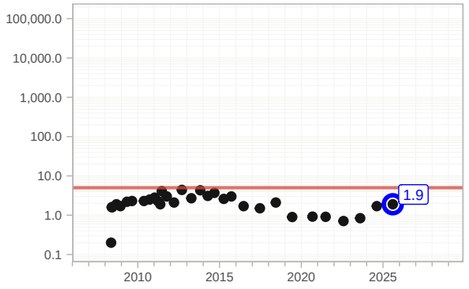
Trichloroethene (TCE) (ug/L)

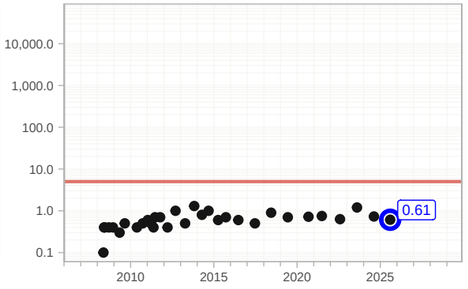
NYS GWQS = 5 ug/L



All | N = 32; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

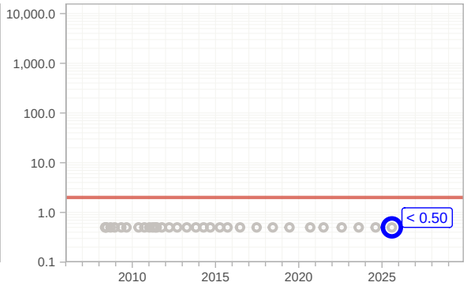
NYS GWQS = 5 ug/L



All | N = 32; ND = 0; %ND = 0; M−K = strong increasing

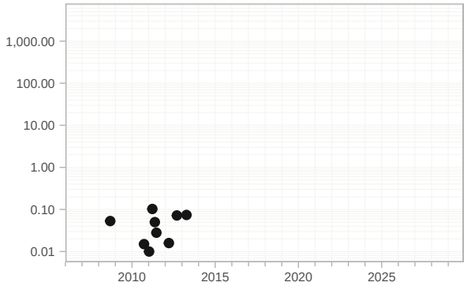
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



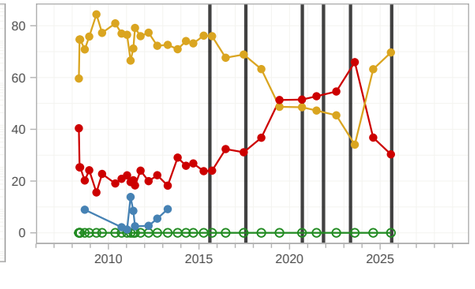
All | N = 32; ND = 32; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



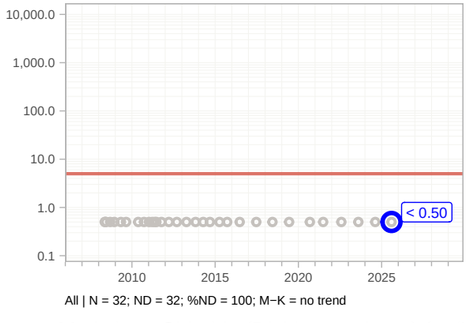
All | N = 9; ND = 0; %ND = 0; M−K = stable

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

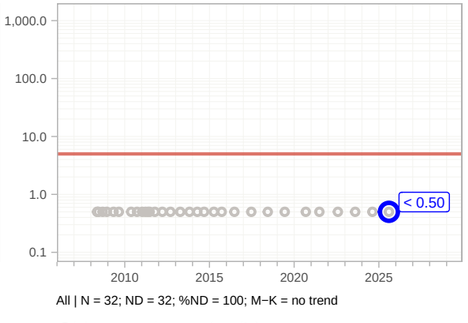
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

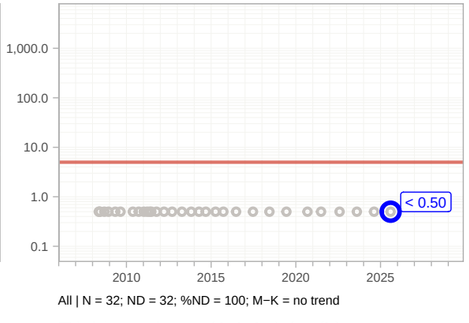
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

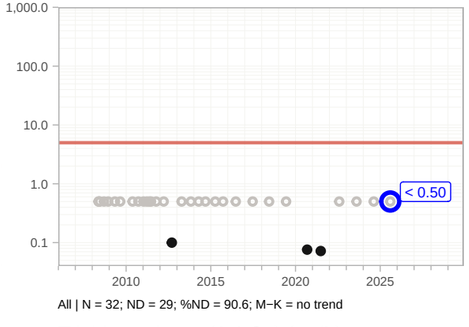
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

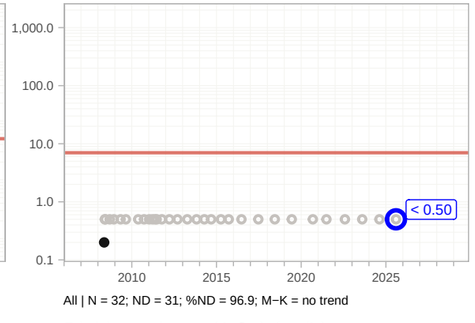
NYS GWQS = 5 ug/L



All | N = 32; ND = 29; %ND = 90.6; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

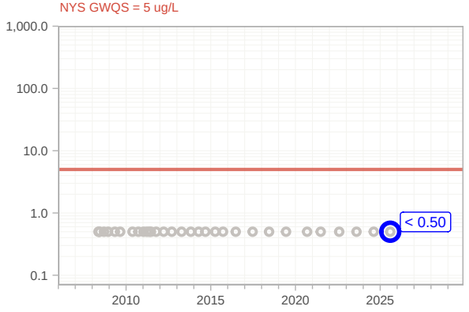
NYS GWQS = 7 ug/L



All | N = 32; ND = 31; %ND = 96.9; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

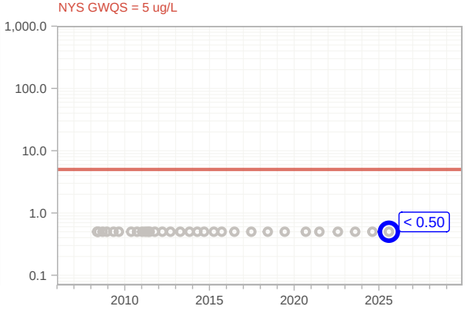
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Chloromethane (ug/L)

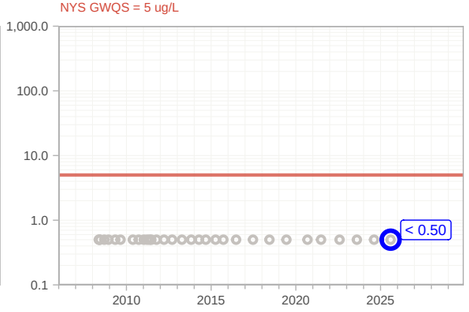
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

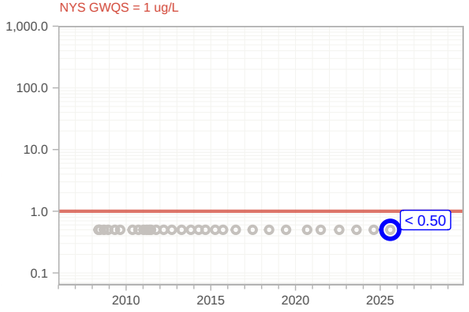
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

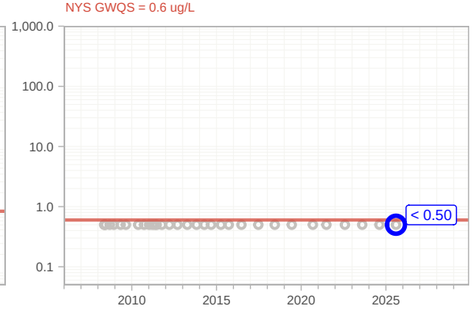
NYS GWQS = 1 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Notes:
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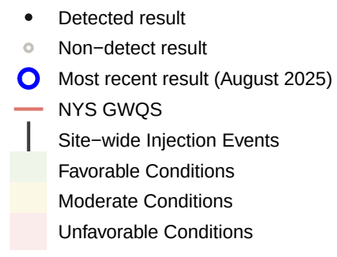
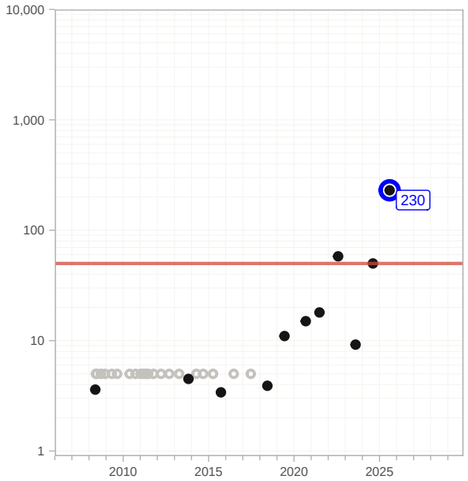


BP−24A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

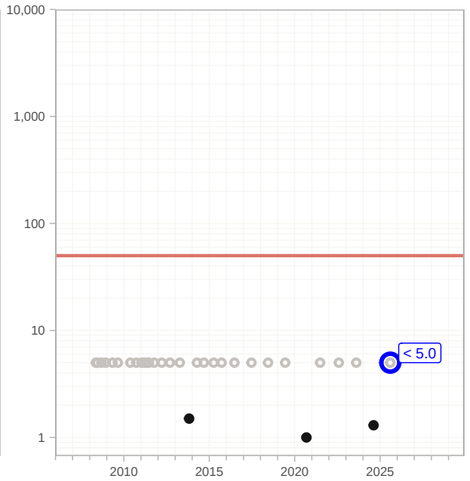
NYS GWQS = 50 ug/L



All | N = 32; ND = 21; %ND = 65.6; M−K = strong increasing

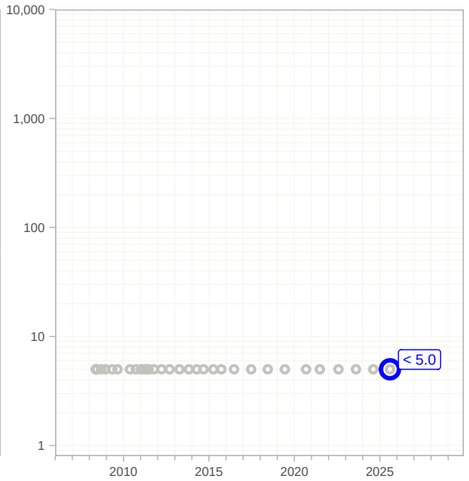
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 32; ND = 29; %ND = 90.6; M−K = no trend

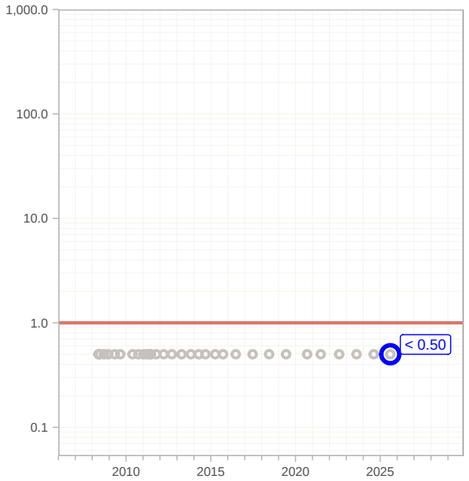
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Benzene (ug/L)

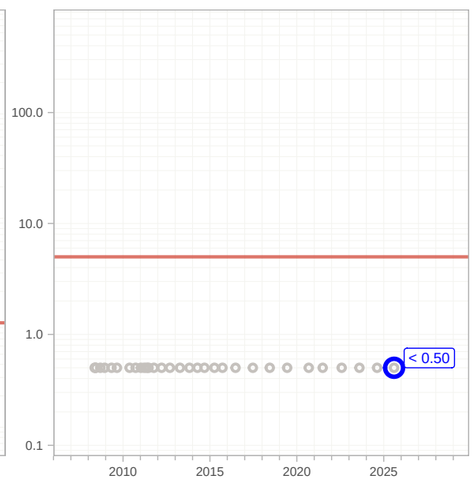
NYS GWQS = 1 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Toluene (ug/L)

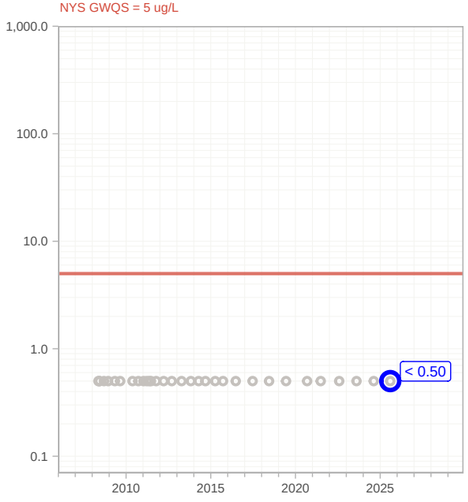
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)

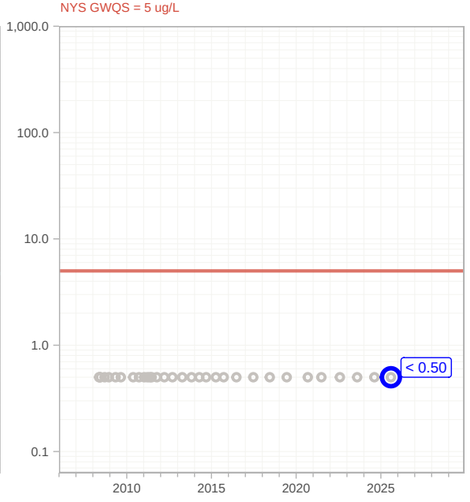
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

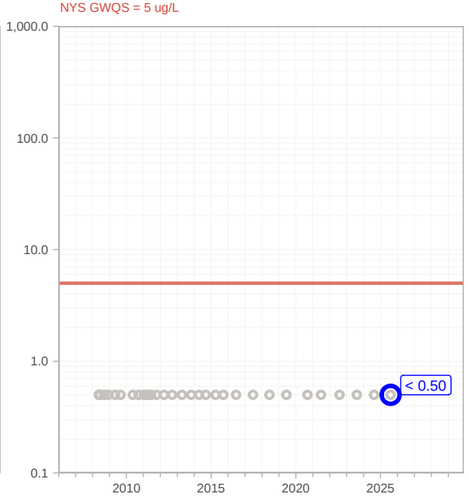
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

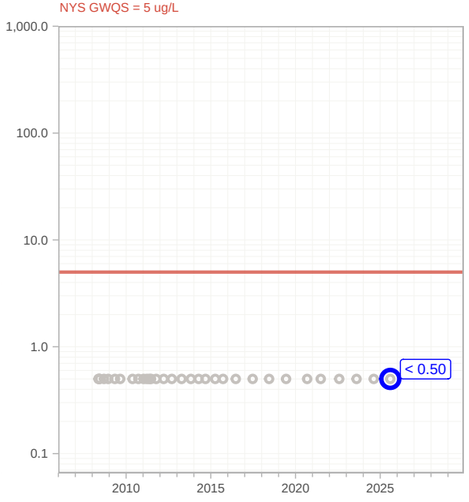
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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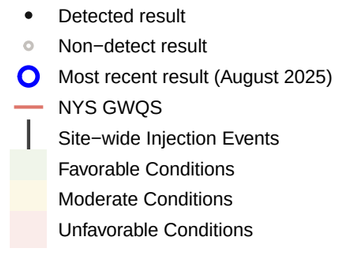

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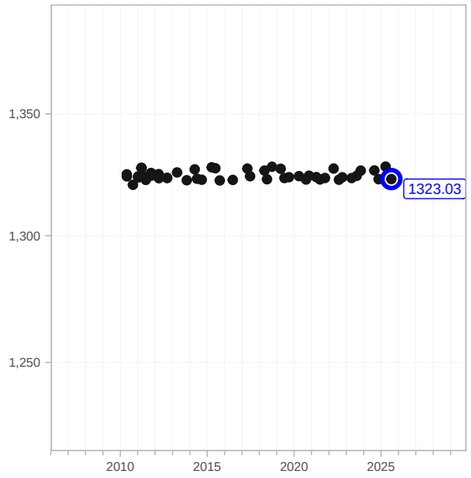
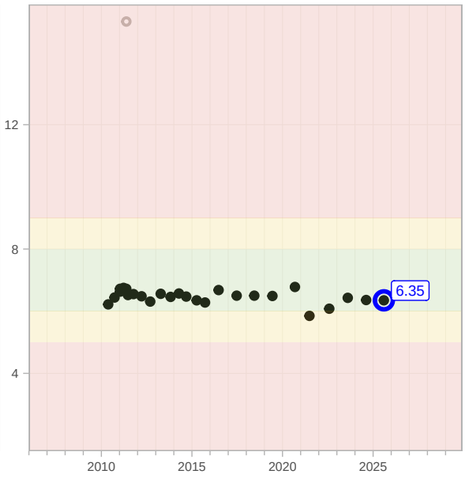
Groundwater Elevation (ft amsl)



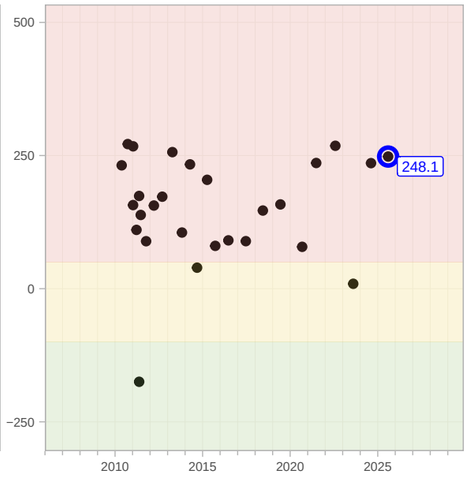
All | N = 49; ND = 0; %ND = 0; M−K = stable

pH (SU)



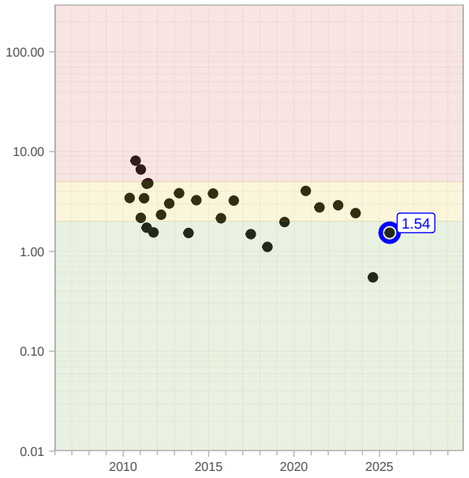
All | N = 27; ND = 1; %ND = 3.7; M−K = probably decreasing

Oxidation/Reduction Potential (mV)



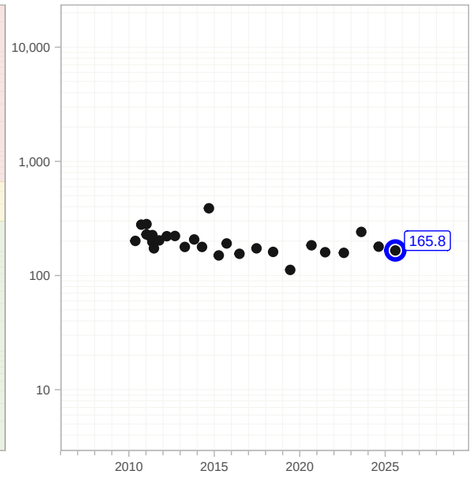
All | N = 27; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



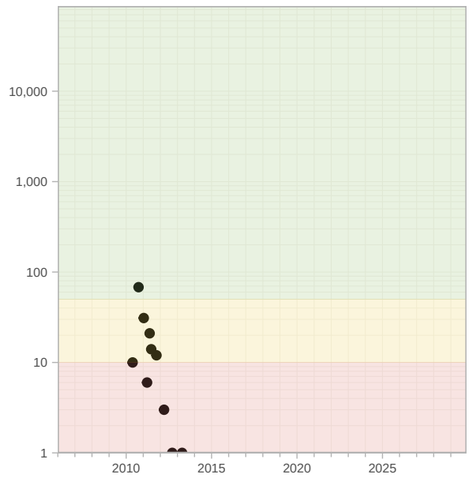
All | N = 26; ND = 0; %ND = 0; M−K = decreasing

Specific Conductance (uS/cm)



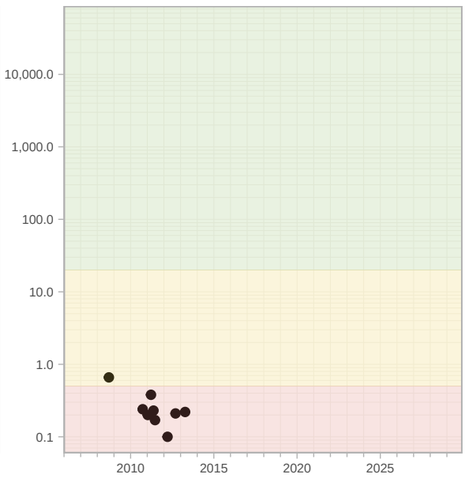
All | N = 27; ND = 0; %ND = 0; M−K = strong decreasing

Sulfide (ug/L)



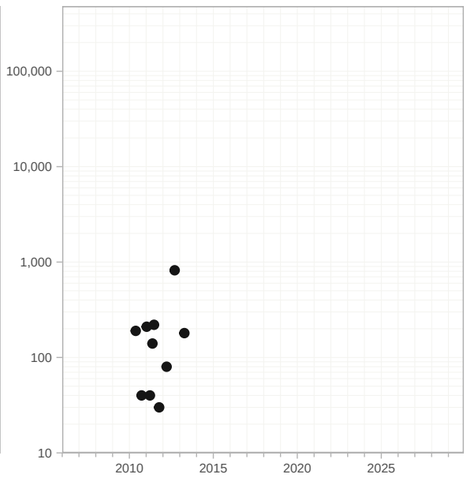
All | N = 10; ND = 0; %ND = 0; M−K = decreasing

Methane (ug/L)



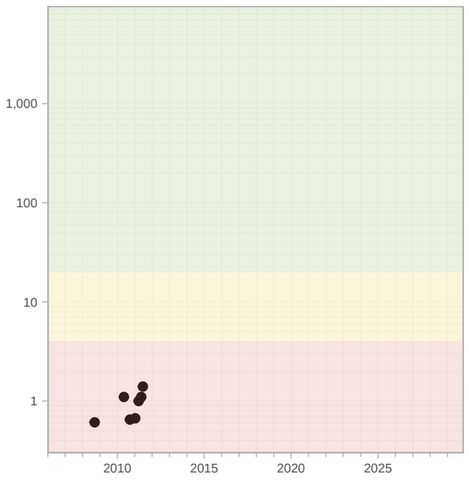
All | N = 9; ND = 0; %ND = 0; M−K = stable

Iron − Ferrous (ug/L)



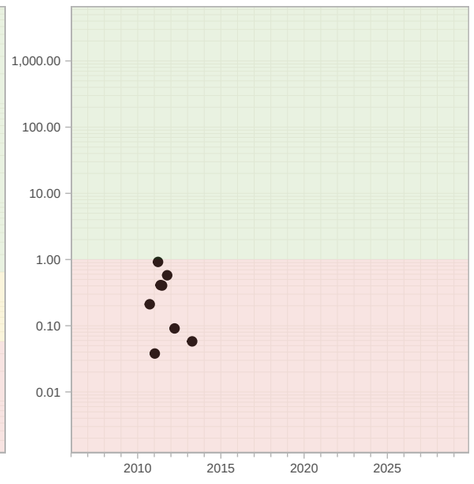
All | N = 10; ND = 0; %ND = 0; M−K = no trend

Total Organic Carbon (mg/L)



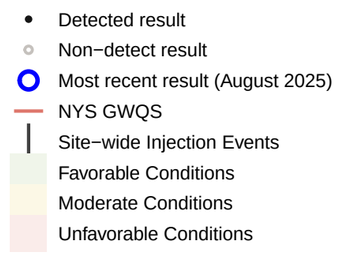
All | N = 7; ND = 0; %ND = 0; M−K = increasing

Total Volatile Fatty Acids (mg/L)



All | N = 8; ND = 0; %ND = 0; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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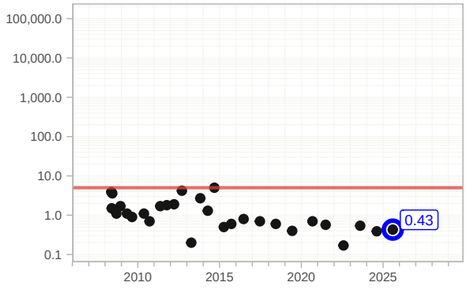
Trichloroethene (TCE) (ug/L)

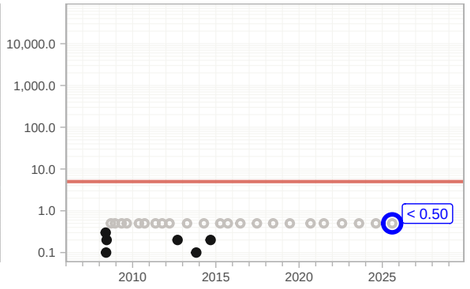
NYS GWQS = 5 ug/L



All | N = 29; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

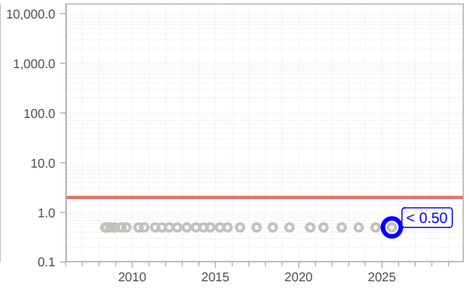
NYS GWQS = 5 ug/L



All | N = 29; ND = 23; %ND = 79.3; M−K = stable

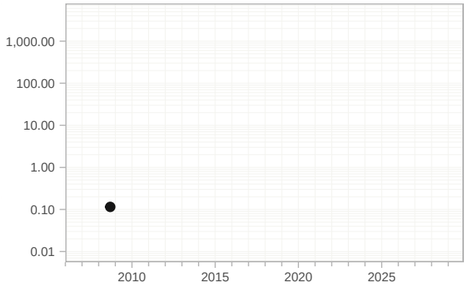
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



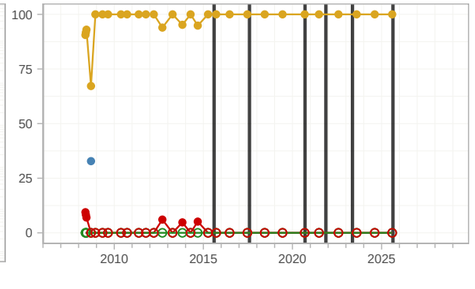
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



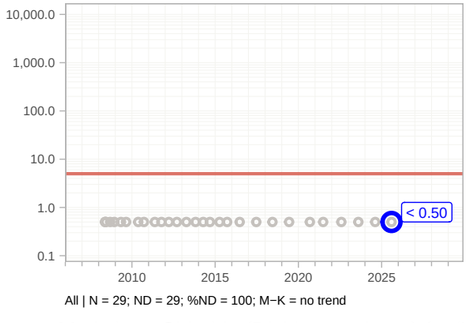
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

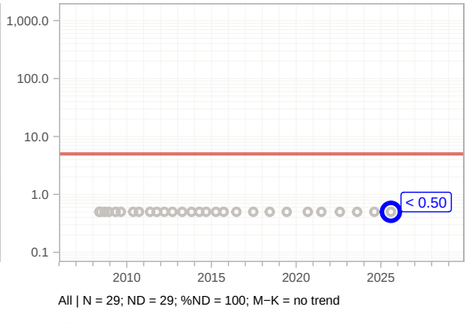
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

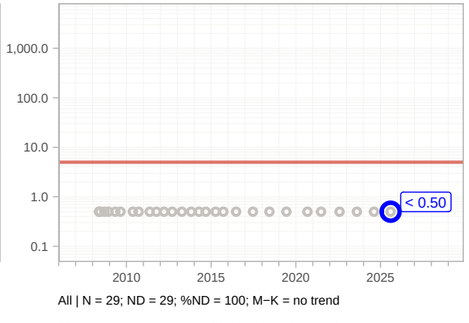
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

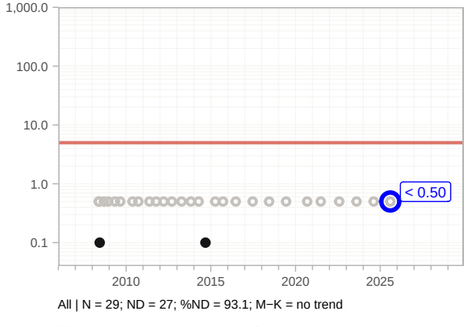
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

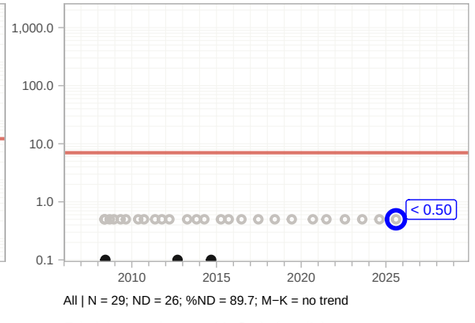
NYS GWQS = 5 ug/L



All | N = 29; ND = 27; %ND = 93.1; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

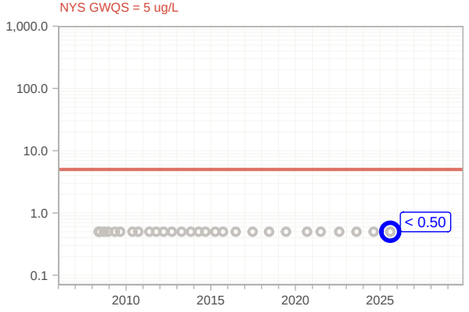
NYS GWQS = 7 ug/L



All | N = 29; ND = 26; %ND = 89.7; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

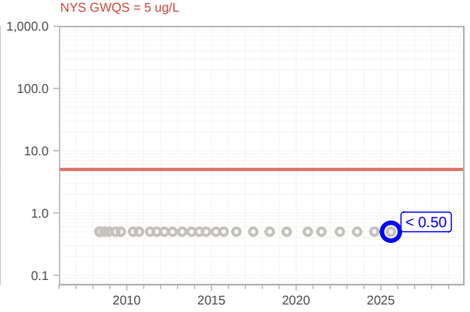
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Chloromethane (ug/L)

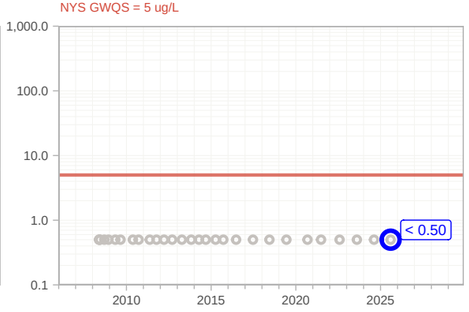
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

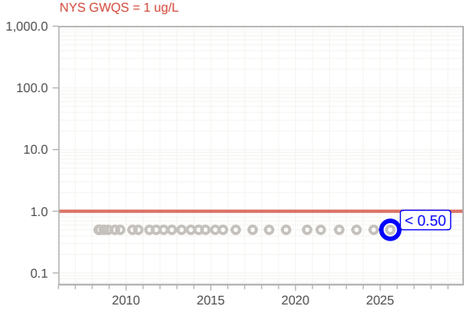
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

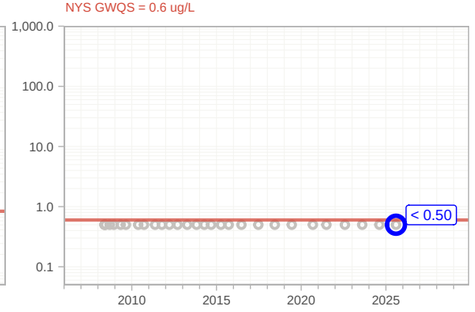
NYS GWQS = 1 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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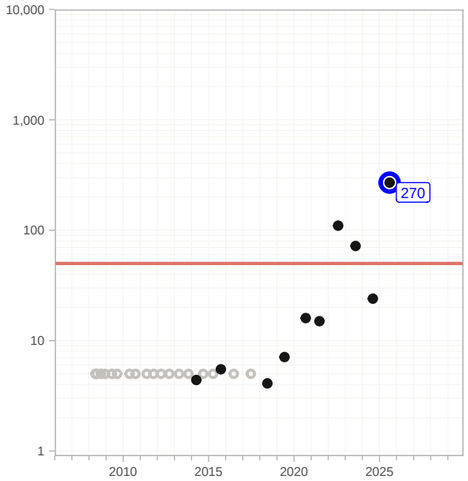
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

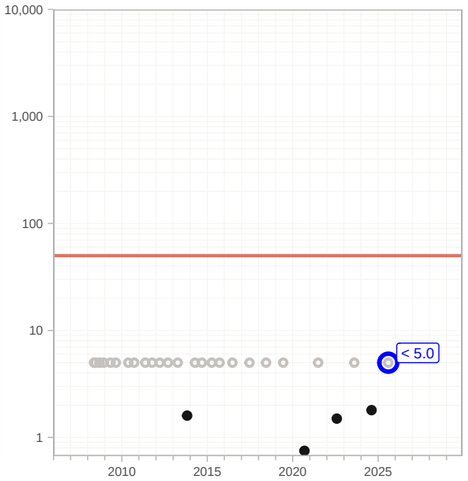
BP−25A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



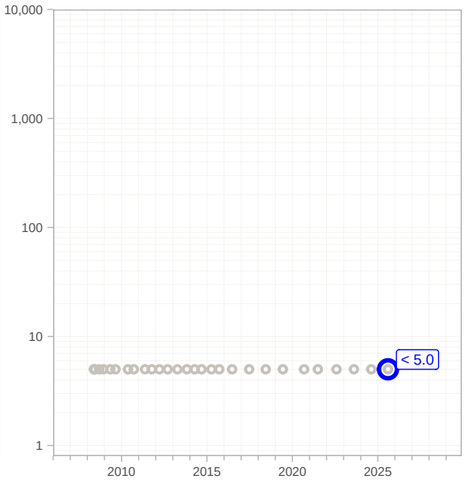
All | N = 29; ND = 19; %ND = 65.5; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



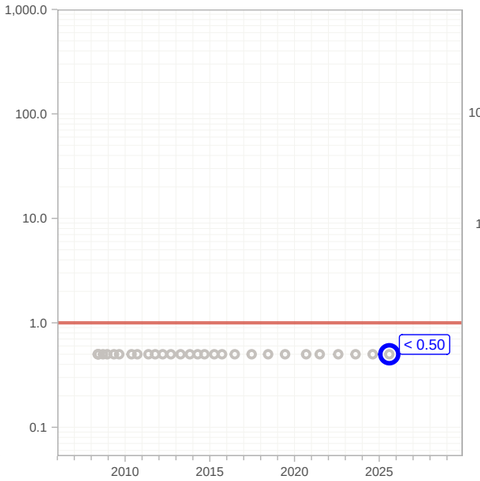
All | N = 29; ND = 25; %ND = 86.2; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



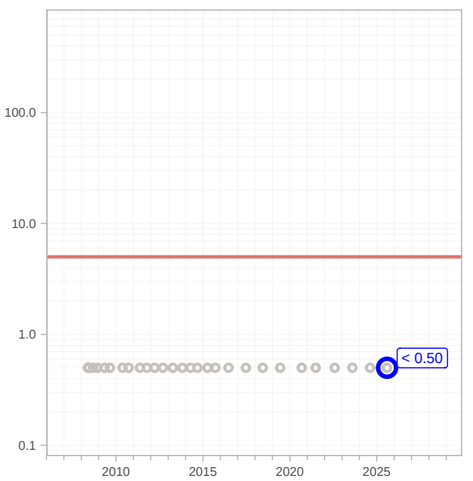
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Benzene (ug/L)



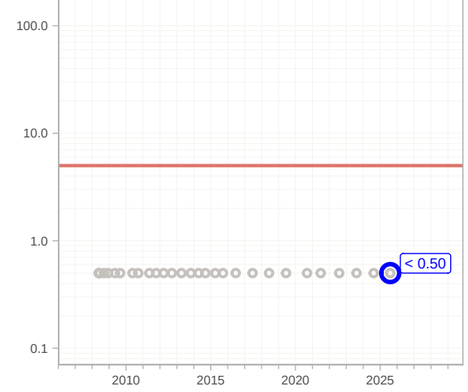
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Toluene (ug/L)



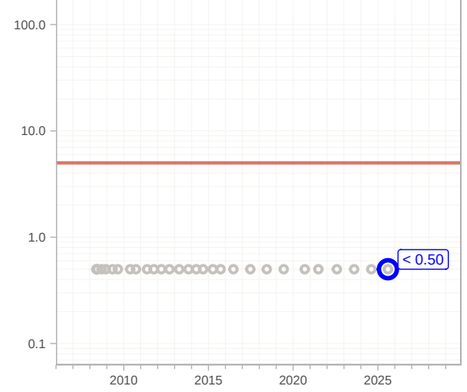
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



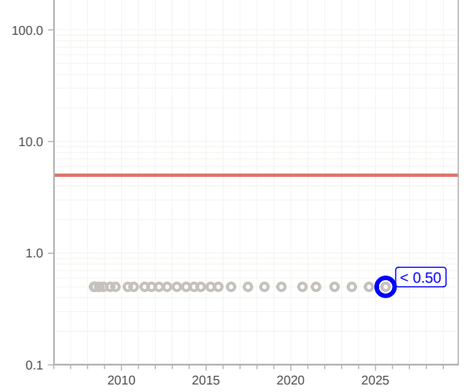
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



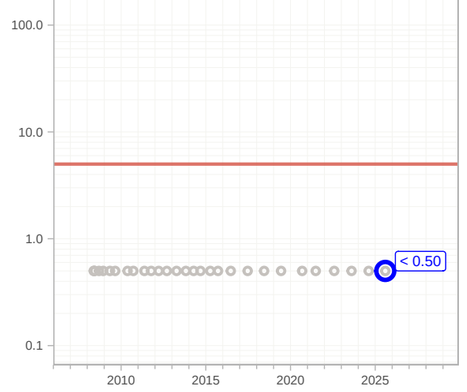
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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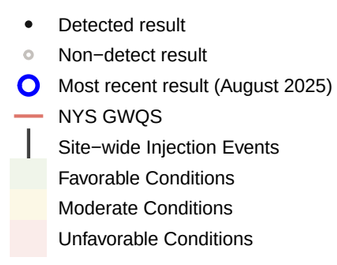
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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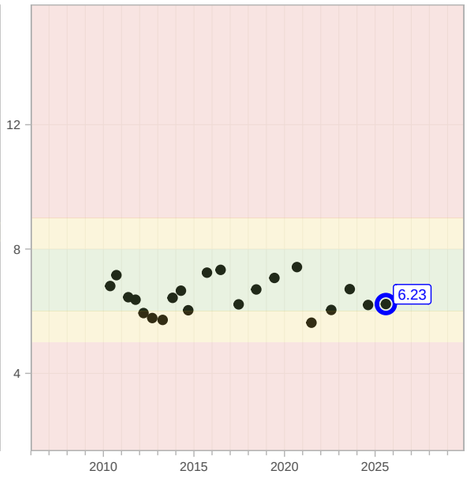
Groundwater Elevation (ft amsl)

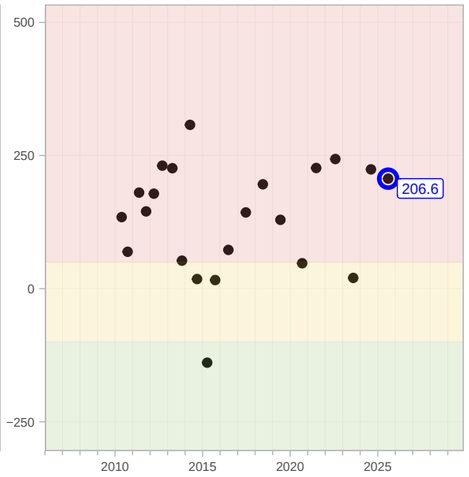
All | N = 43; ND = 0; %ND = 0; M−K = strong decreasing

pH (SU)



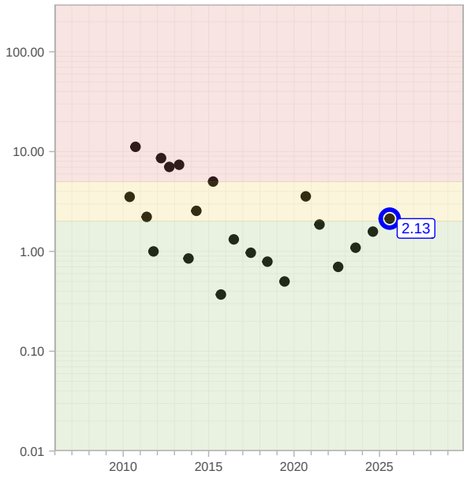
All | N = 21; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



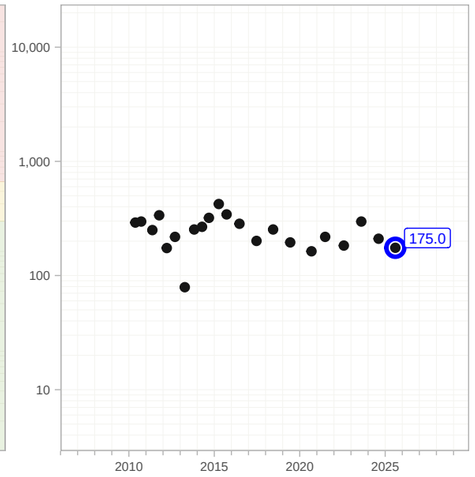
All | N = 22; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



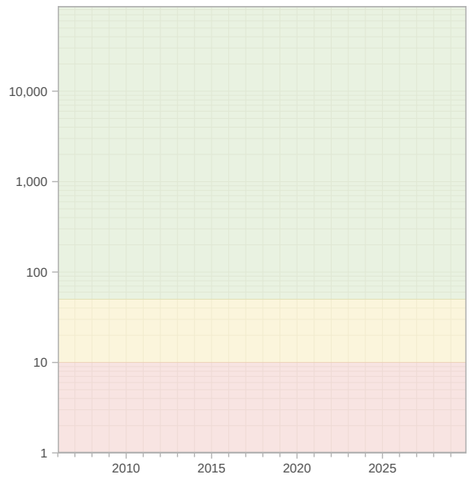
All | N = 21; ND = 0; %ND = 0; M−K = decreasing

Specific Conductance (uS/cm)



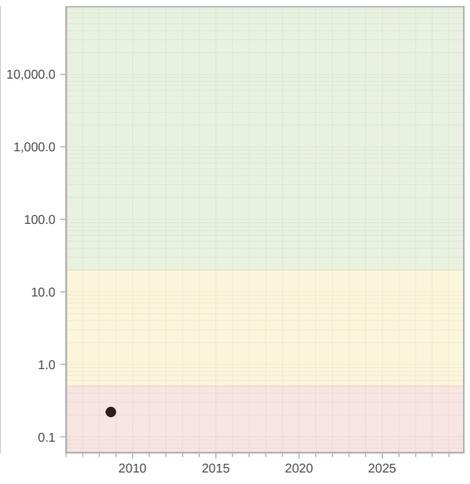
All | N = 22; ND = 0; %ND = 0; M−K = stable

Sulfide



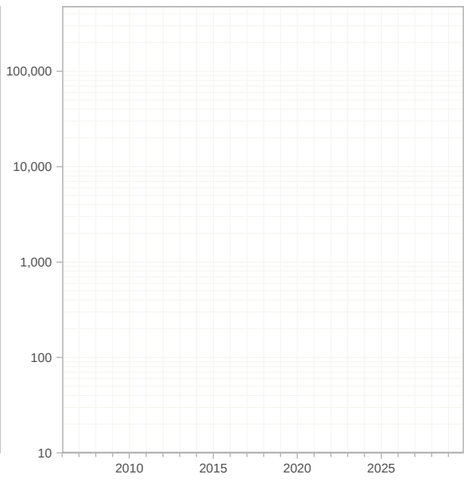
No Data

Methane (ug/L)



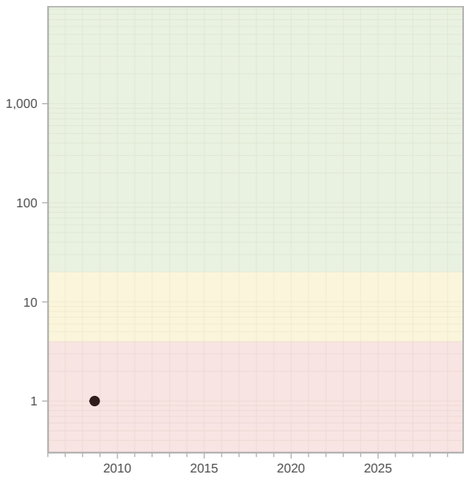
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



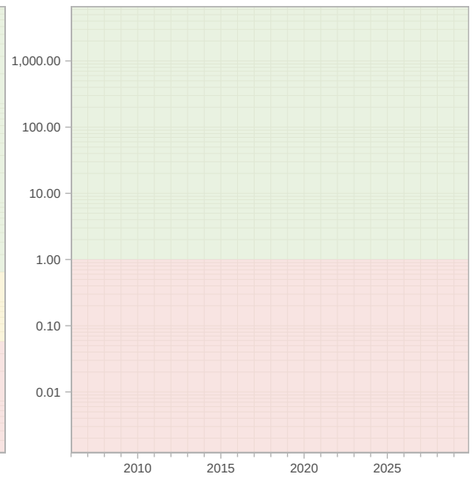
No Data

Total Organic Carbon (mg/L)



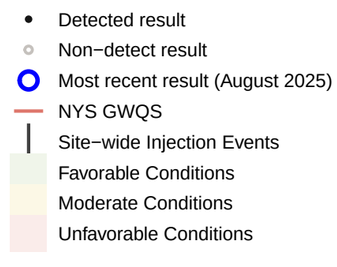
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

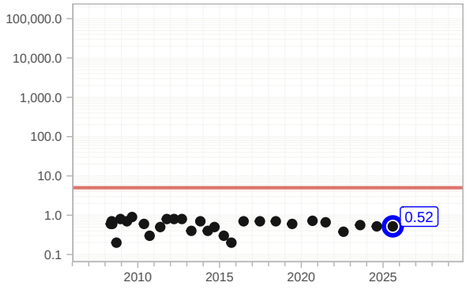
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−26A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

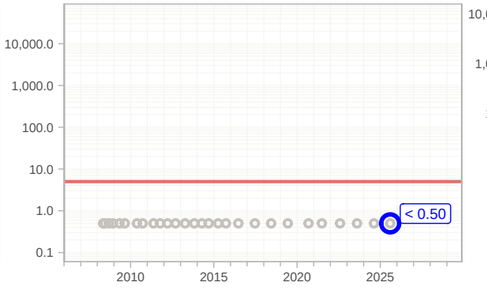
NYS GWQS = 5 ug/L



All | N = 29; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

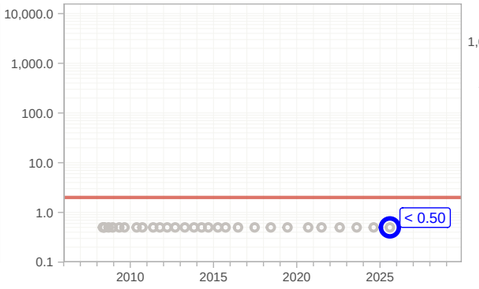
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

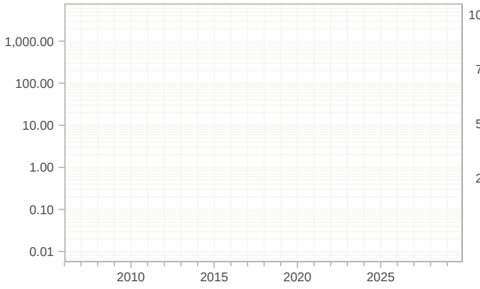
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



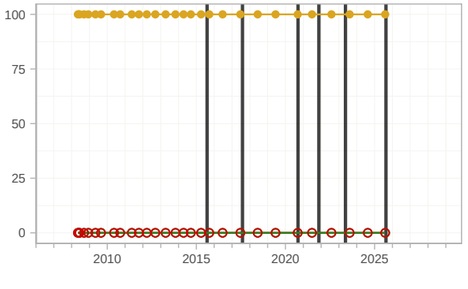
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Ethane + Ethene



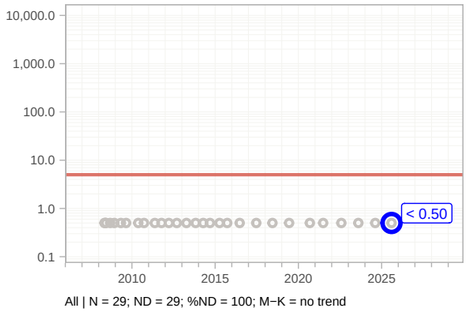
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

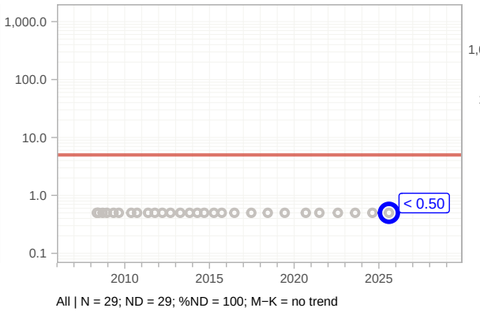
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

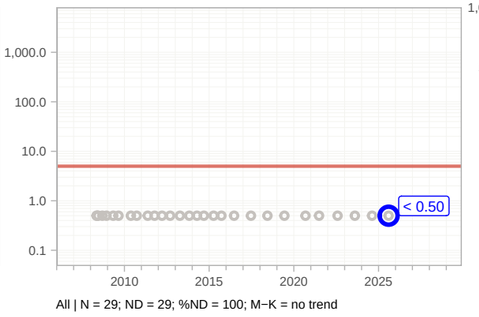
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

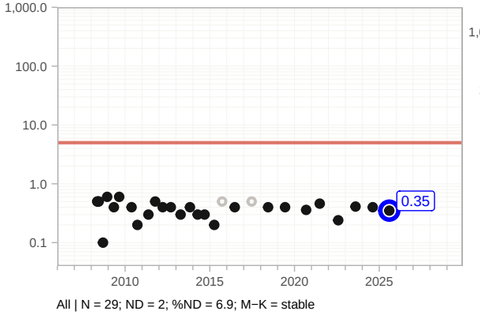
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

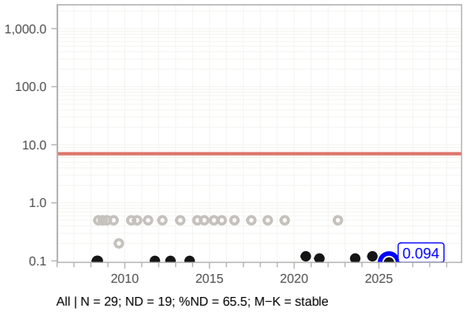
NYS GWQS = 5 ug/L



All | N = 29; ND = 2; %ND = 6.9; M−K = stable

Chloroform (Trichloromethane) (ug/L)

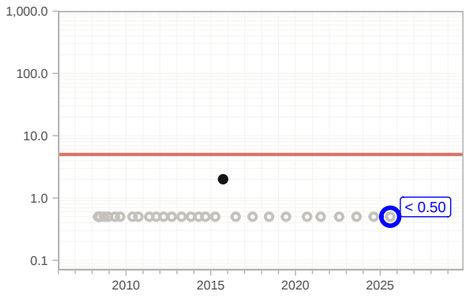
NYS GWQS = 7 ug/L



All | N = 29; ND = 19; %ND = 65.5; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

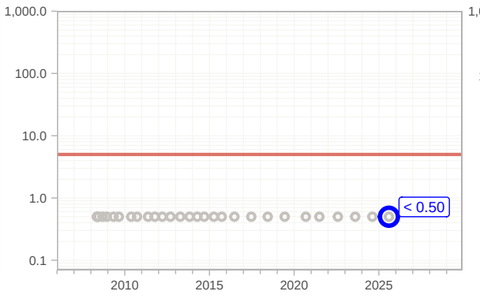
NYS GWQS = 5 ug/L



All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

Chloromethane (ug/L)

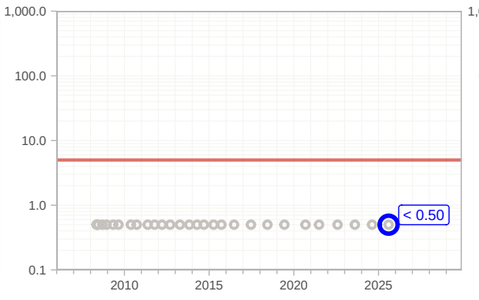
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

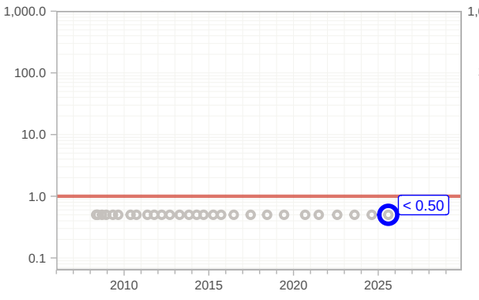
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

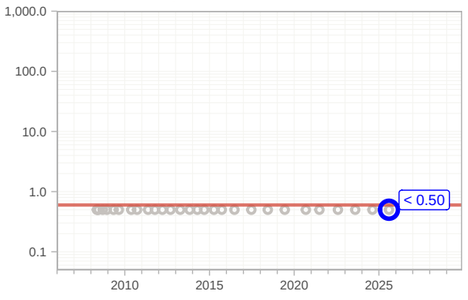
NYS GWQS = 1 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Notes:
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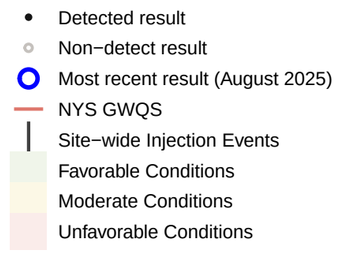
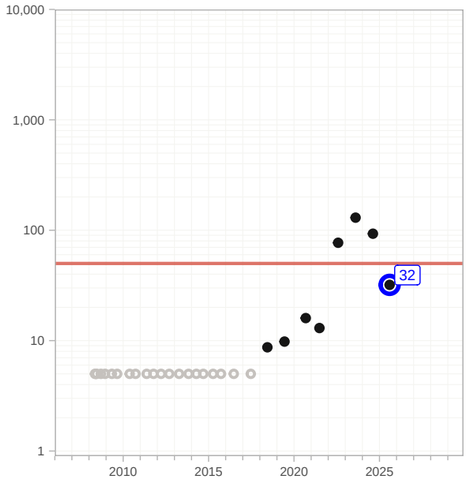


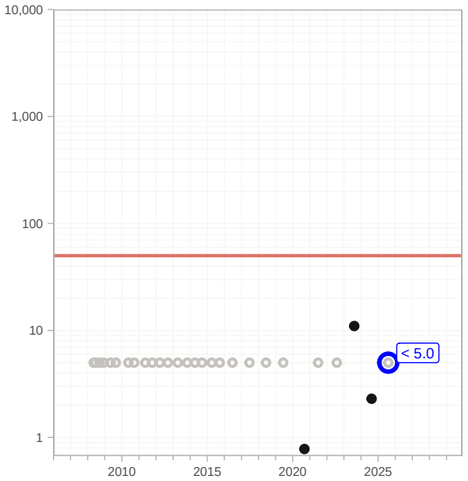
BP−26A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



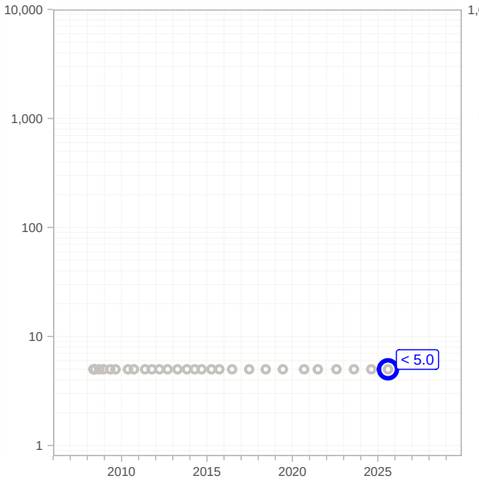
All | N = 29; ND = 21; %ND = 72.4; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



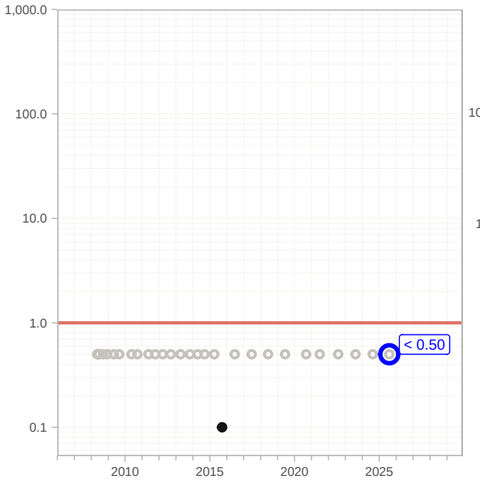
All | N = 29; ND = 26; %ND = 89.7; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



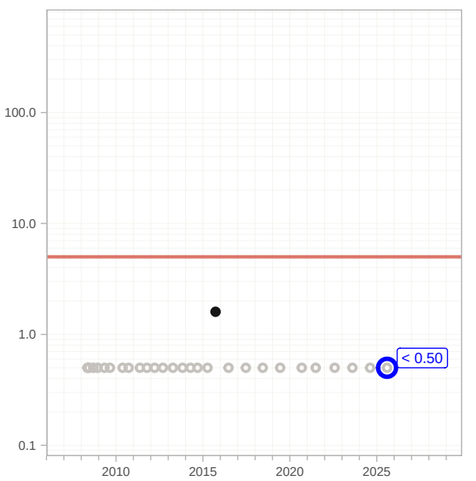
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Benzene (ug/L)



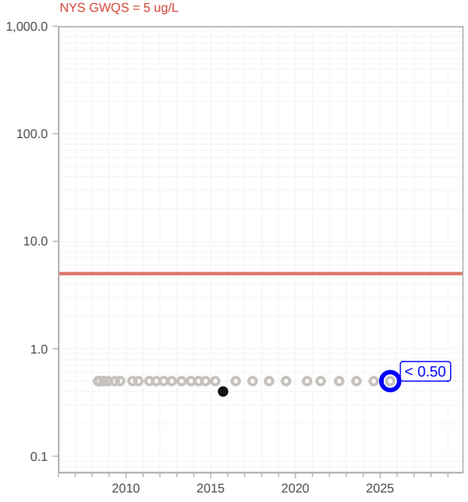
All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

Toluene (ug/L)



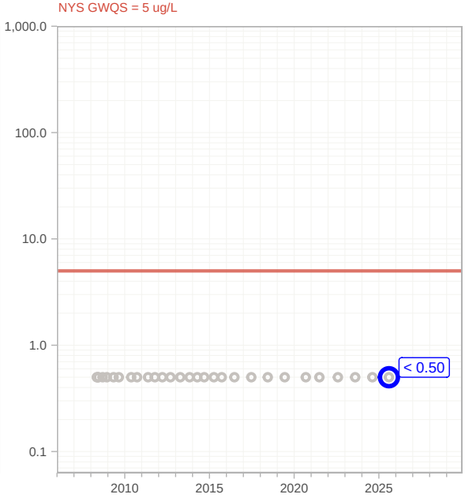
All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

Ethylbenzene (ug/L)



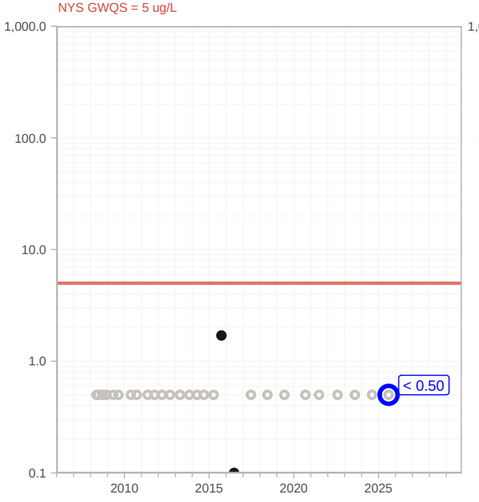
All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



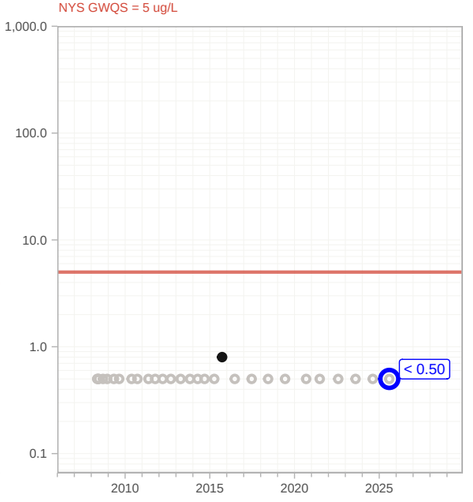
All | N = 29; ND = 29; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 29; ND = 27; %ND = 93.1; M−K = no trend

Xylene (o−) (ug/L)



All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

Notes:
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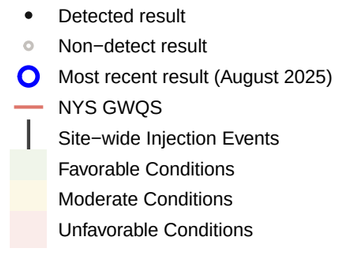

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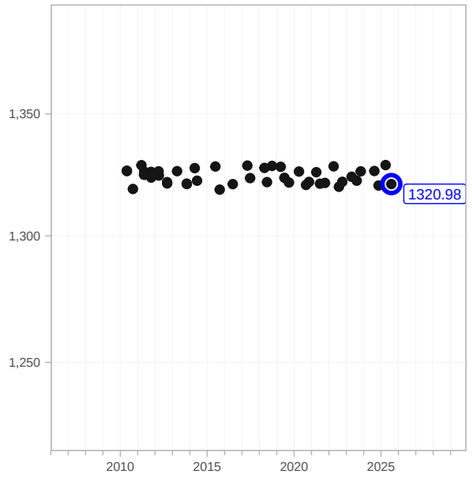
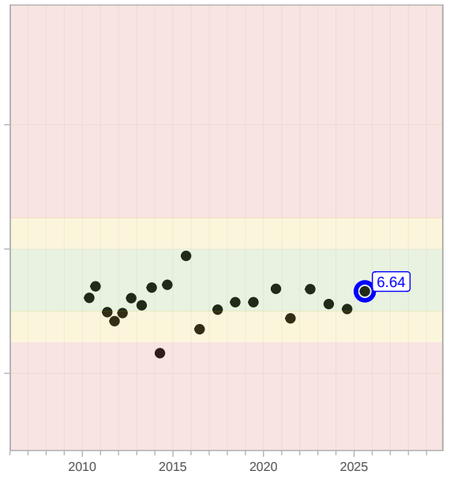
Groundwater Elevation (ft amsl)



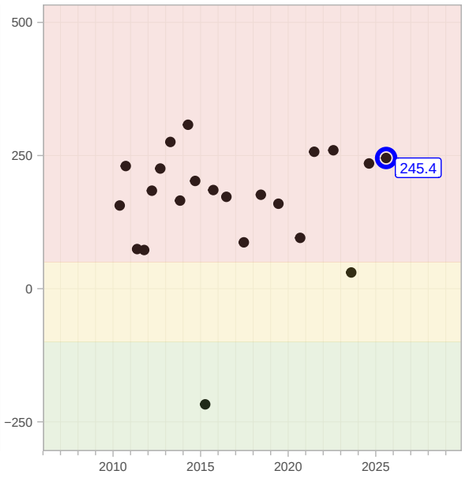
All | N = 44; ND = 0; %ND = 0; M−K = stable

pH (SU)



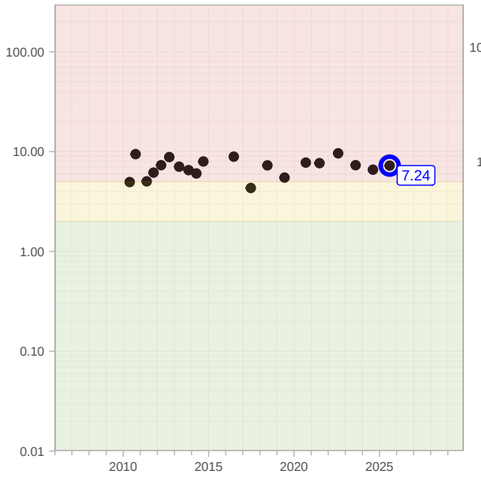
All | N = 21; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



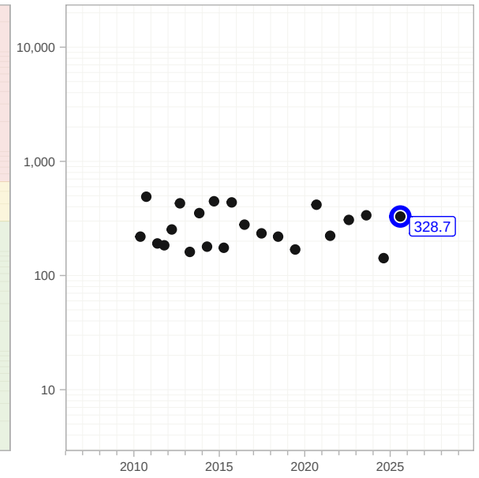
All | N = 22; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



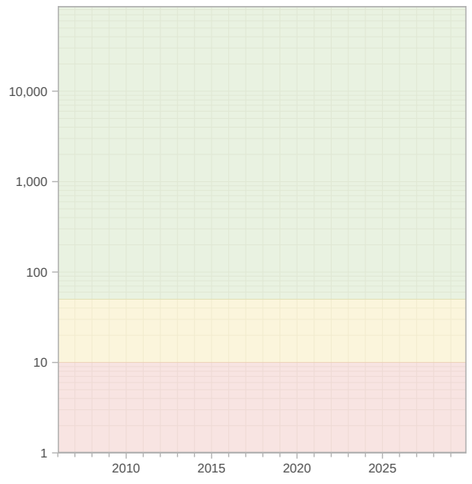
All | N = 20; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



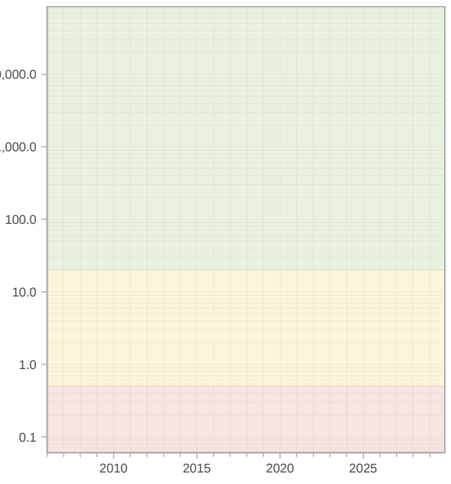
All | N = 22; ND = 0; %ND = 0; M−K = stable

Sulfide



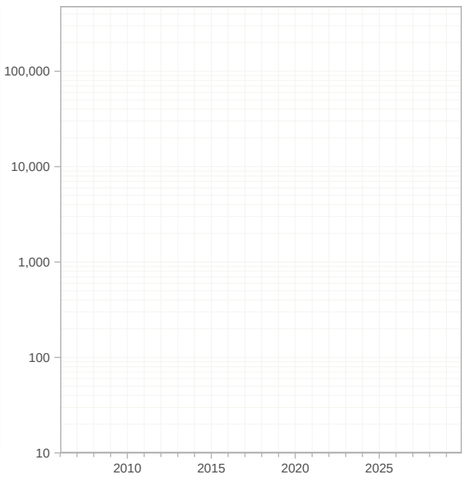
No Data

Methane



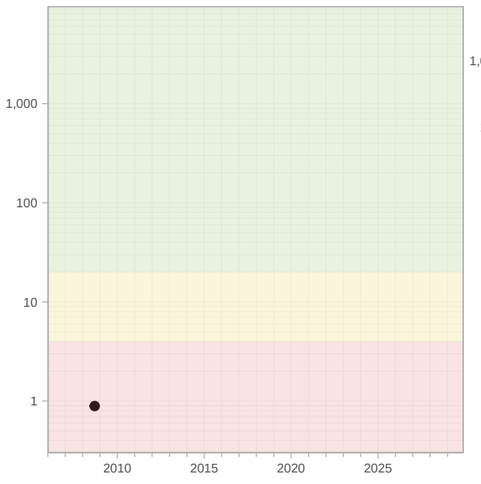
No Data

Iron − Ferrous



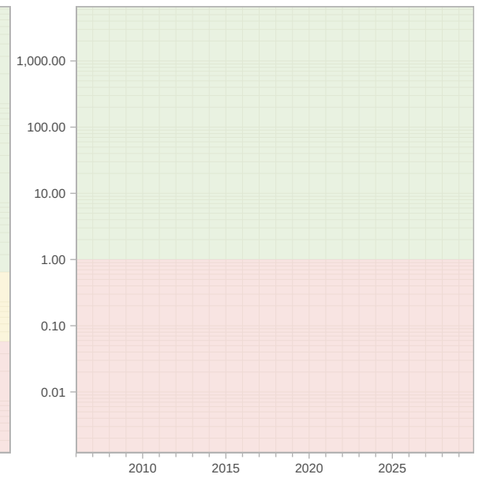
No Data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

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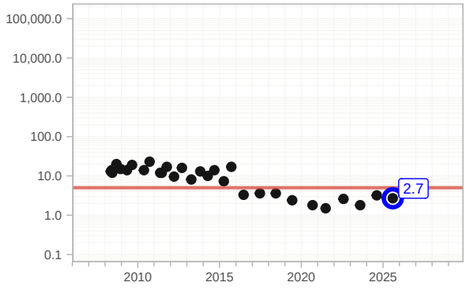
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−27A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

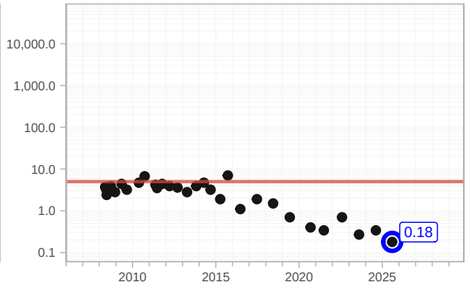
NYS GWQS = 5 ug/L



All | N = 30; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

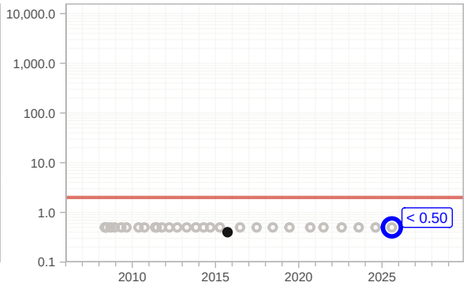
NYS GWQS = 5 ug/L



All | N = 30; ND = 0; %ND = 0; M−K = strong decreasing

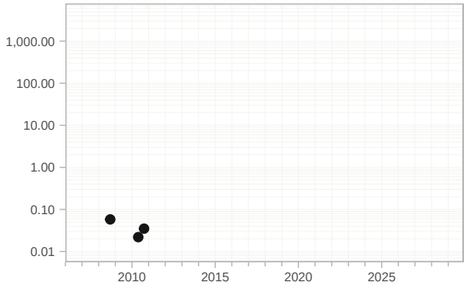
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



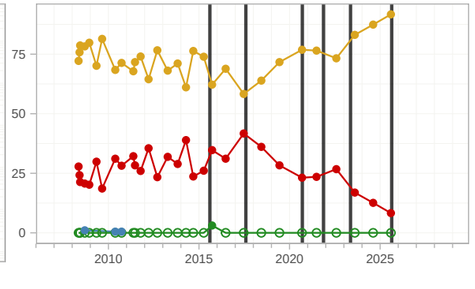
All | N = 30; ND = 29; %ND = 96.7; M−K = no trend

Ethane + Ethene (ug/L)



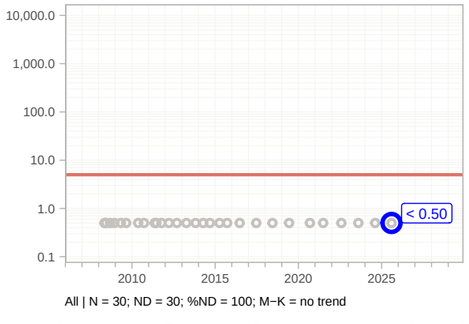
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

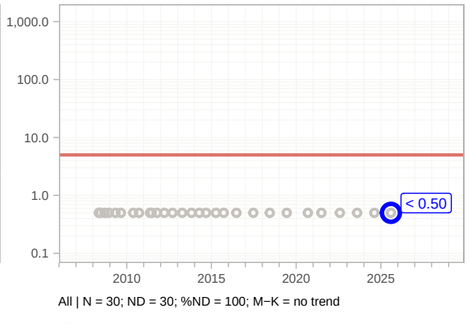
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

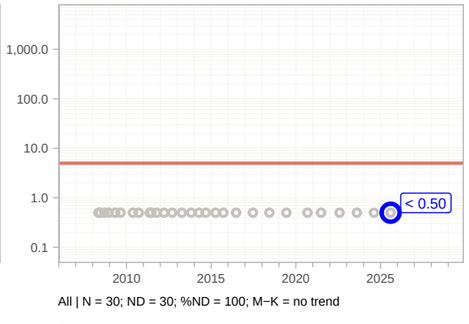
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

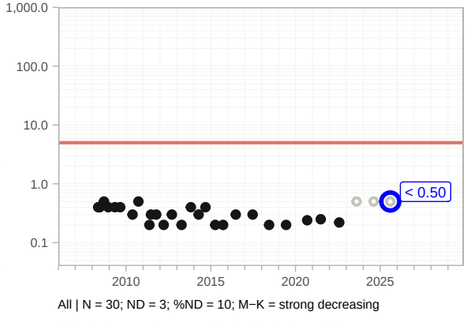
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

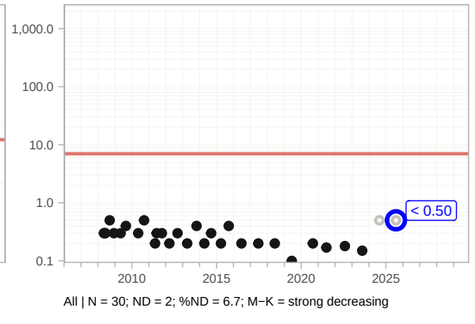
NYS GWQS = 5 ug/L



All | N = 30; ND = 3; %ND = 10; M−K = strong decreasing

Chloroform (Trichloromethane) (ug/L)

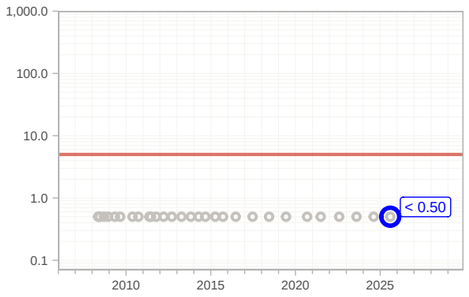
NYS GWQS = 7 ug/L



All | N = 30; ND = 2; %ND = 6.7; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

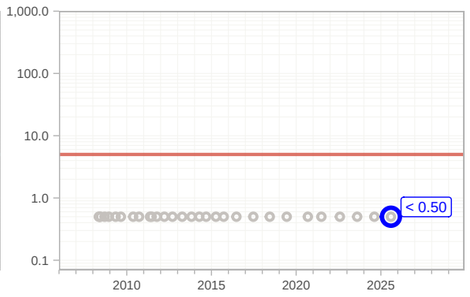
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Chloromethane (ug/L)

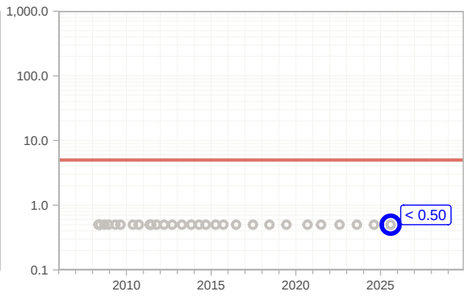
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

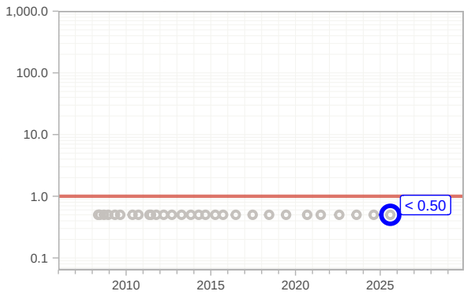
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

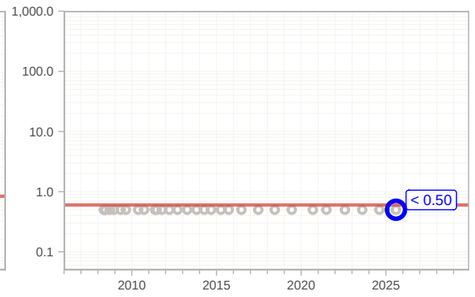
NYS GWQS = 1 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Notes:
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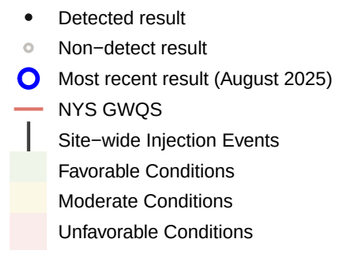
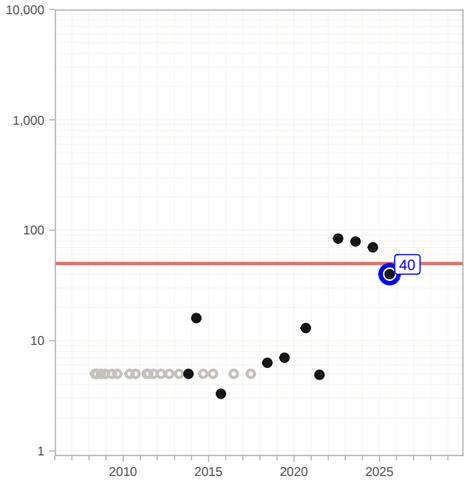


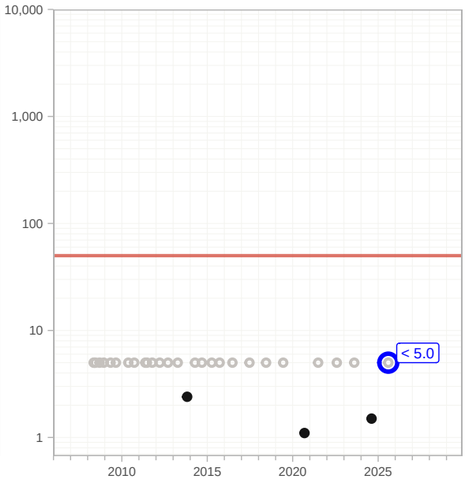
BP−27A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



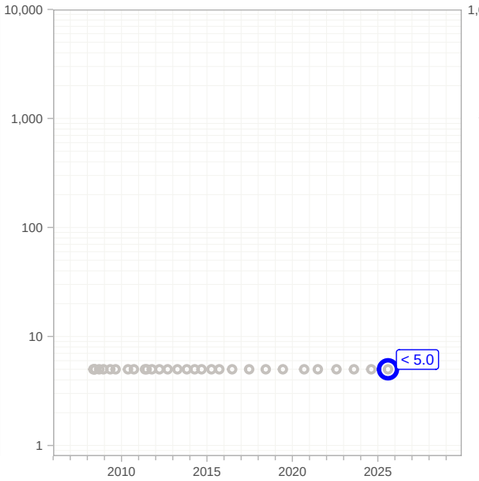
All | N = 30; ND = 19; %ND = 63.3; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



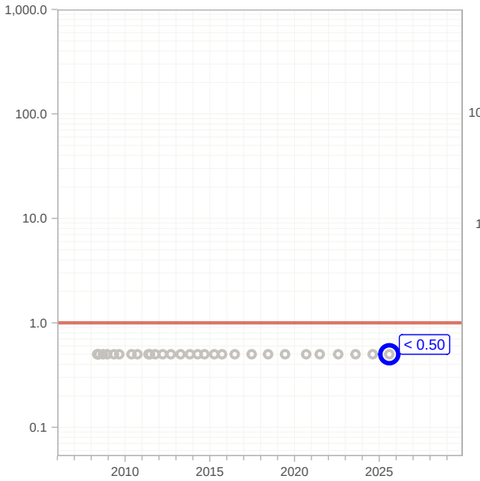
All | N = 30; ND = 27; %ND = 90; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



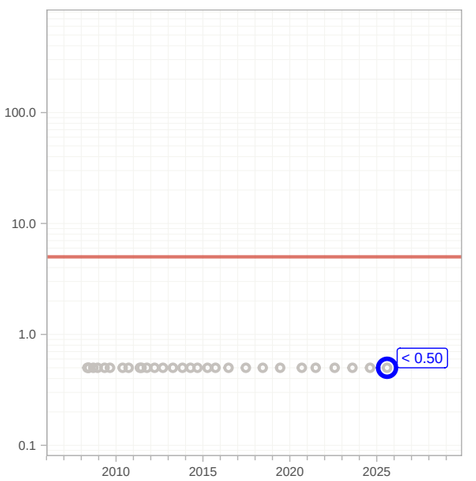
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Benzene (ug/L)



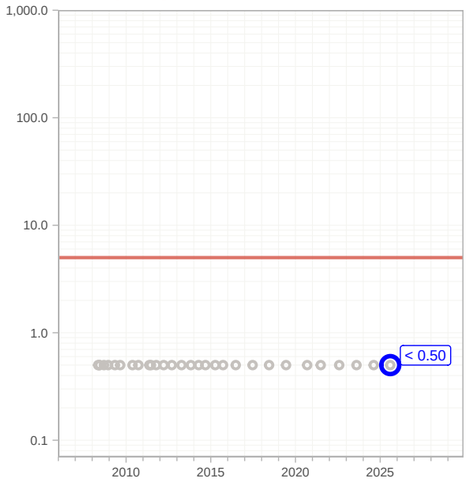
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Toluene (ug/L)



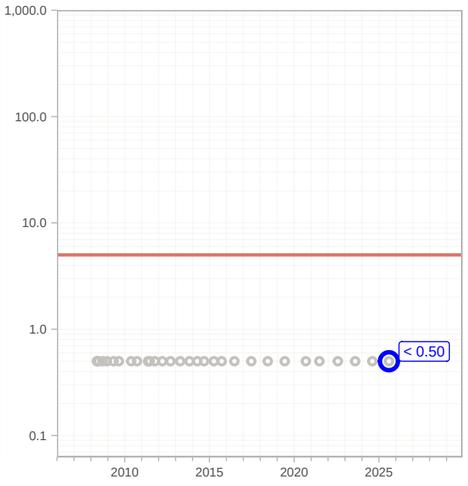
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



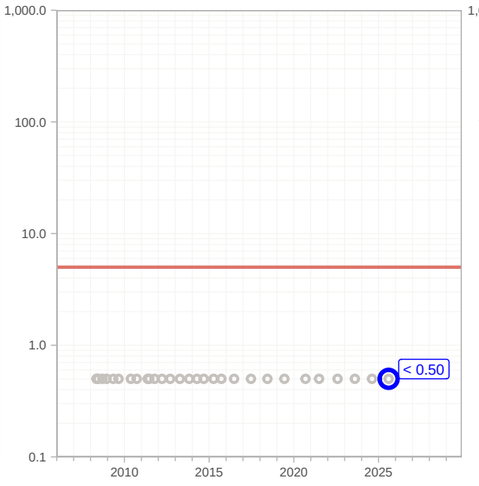
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



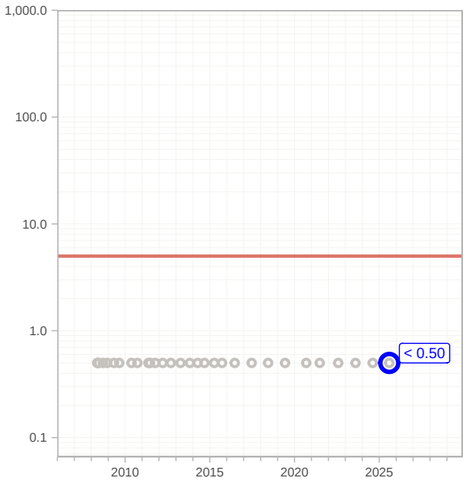
All | N = 30; ND = 30; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 30; ND = 30; %ND = 100; M−K = no trend

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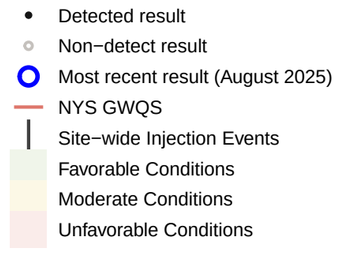
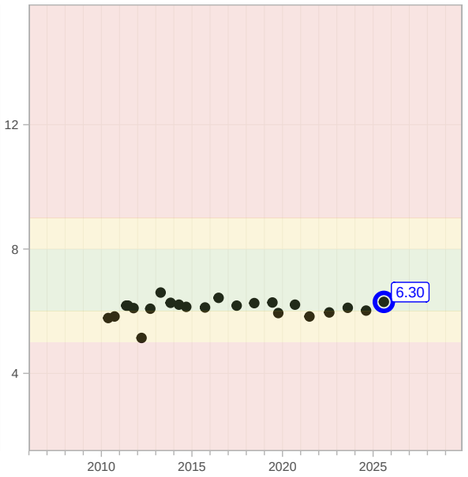


BP−27A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)

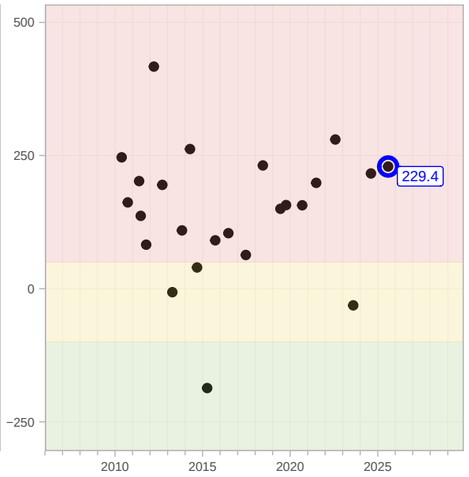
All | N = 45; ND = 0; %ND = 0; M−K = stable

pH (SU)



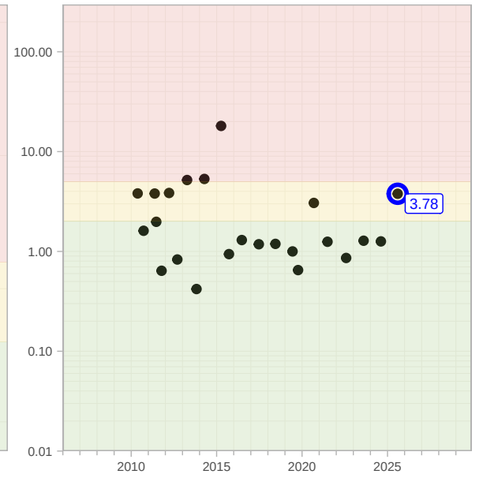
All | N = 23; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



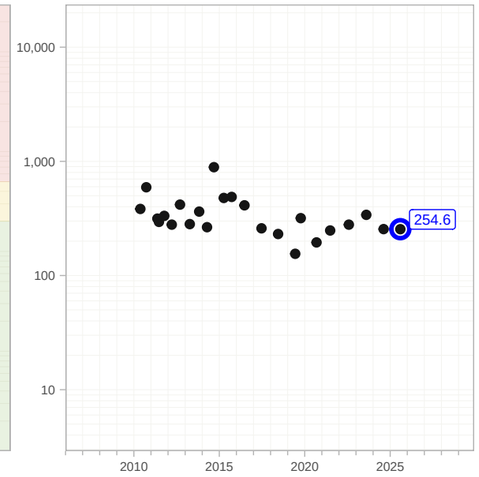
All | N = 24; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



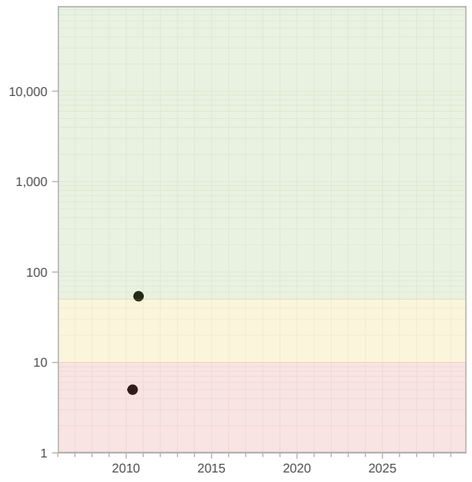
All | N = 23; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



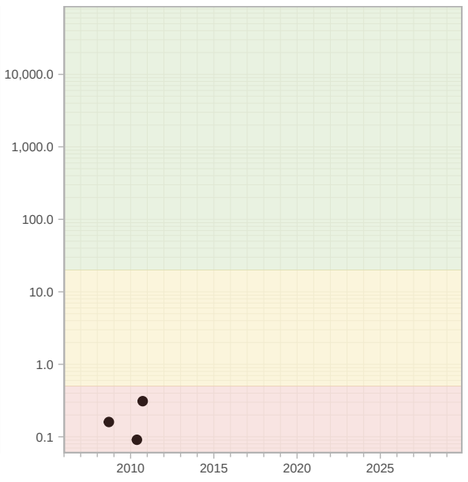
All | N = 24; ND = 0; %ND = 0; M−K = decreasing

Sulfide (ug/L)



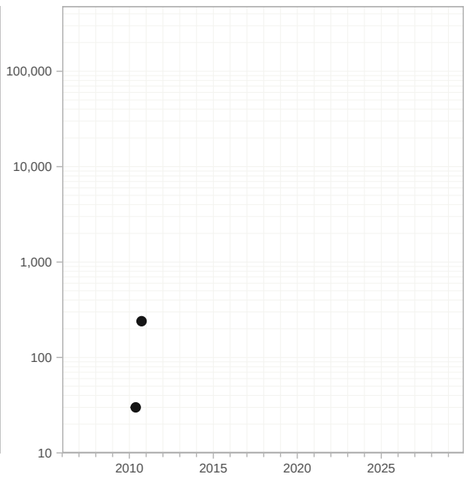
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



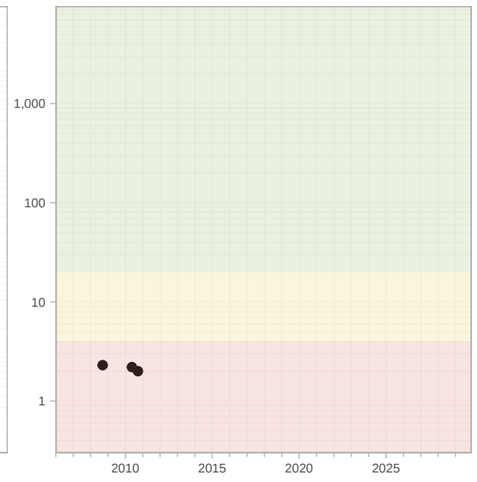
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



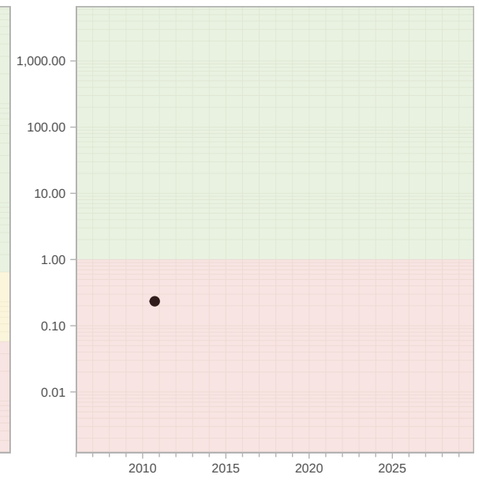
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Notes:
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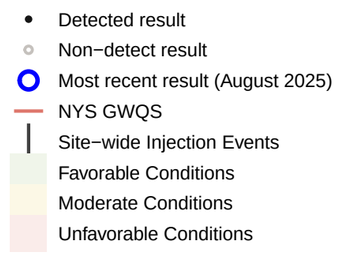
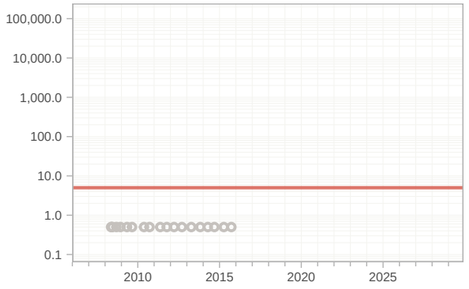


BP−28A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

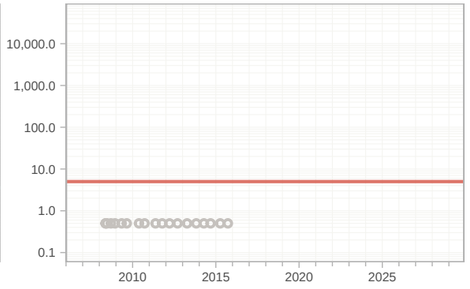
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

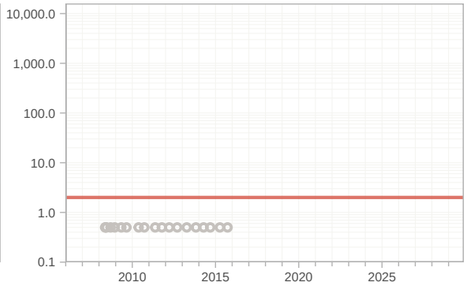
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

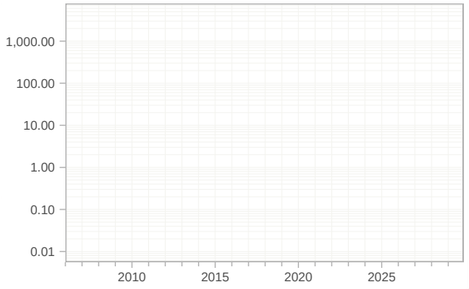
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



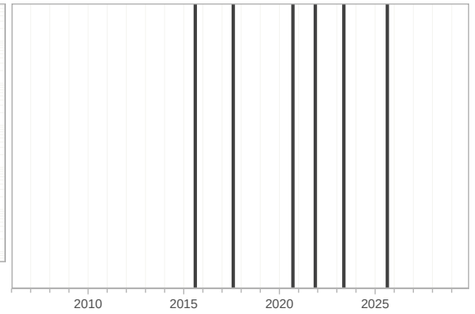
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Ethane + Ethene



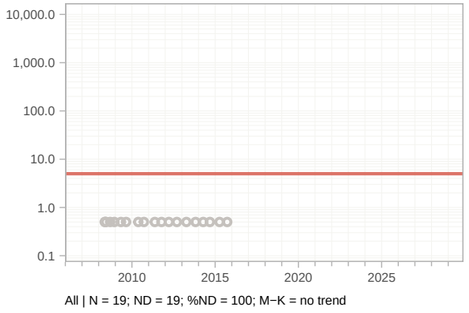
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

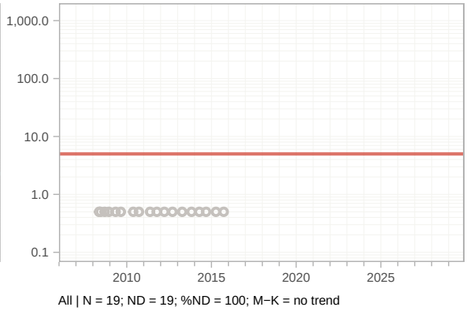
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

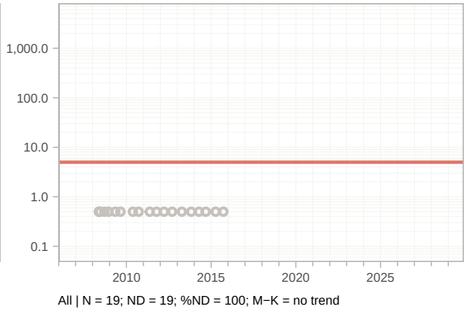
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

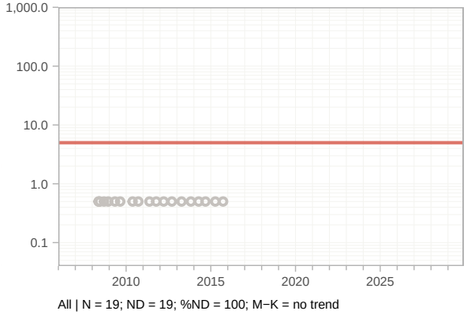
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

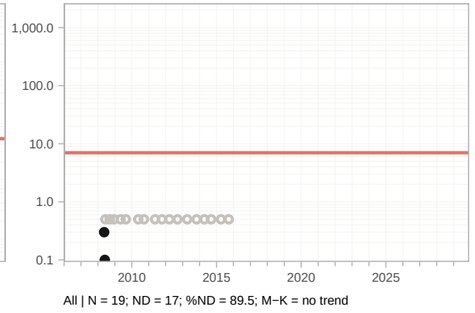
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

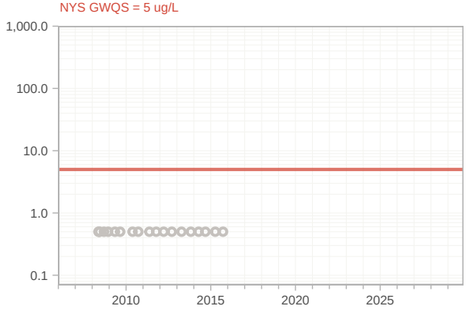
NYS GWQS = 7 ug/L



All | N = 19; ND = 17; %ND = 89.5; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

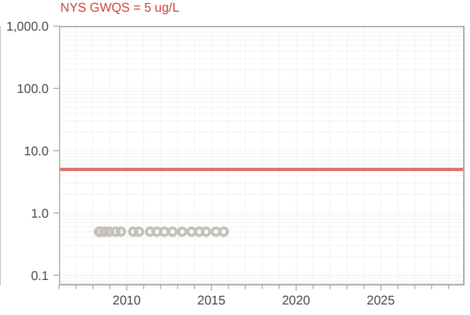
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloromethane (ug/L)

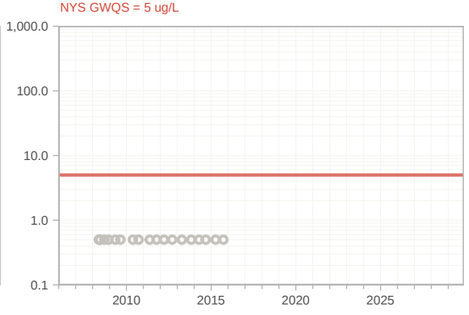
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

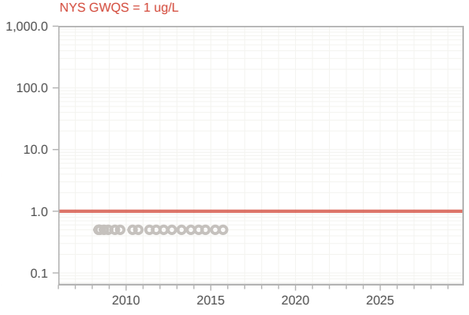
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

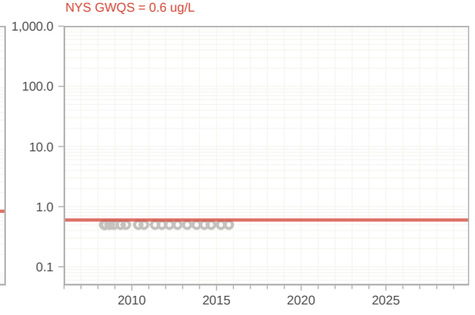
NYS GWQS = 1 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
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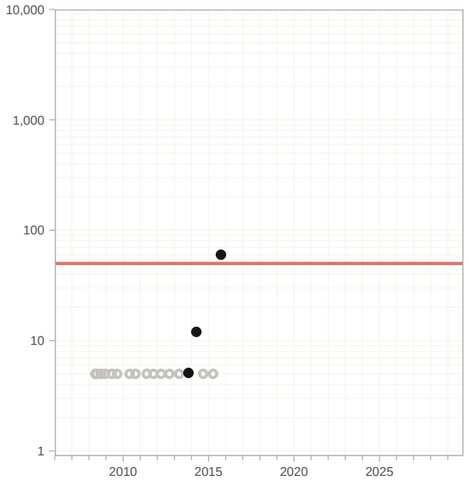
- Unfavorable Conditions

BP−28A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

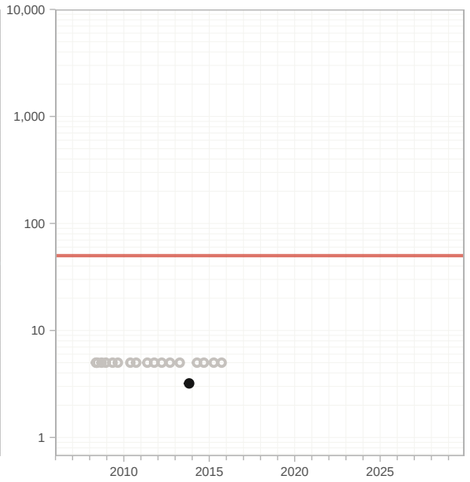
NYS GWQS = 50 ug/L



All | N = 19; ND = 16; %ND = 84.2; M−K = strong increasing

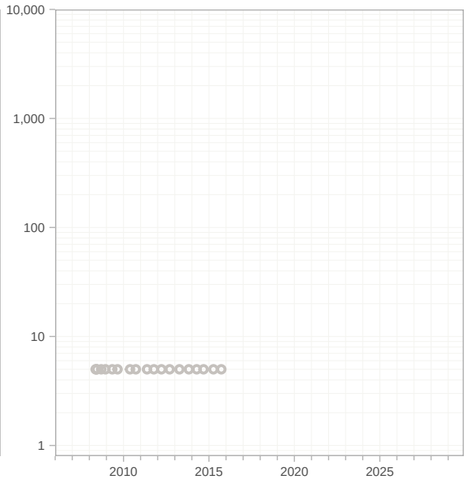
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

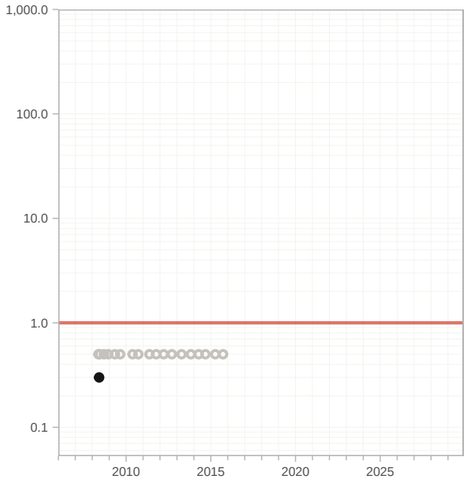
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Benzene (ug/L)

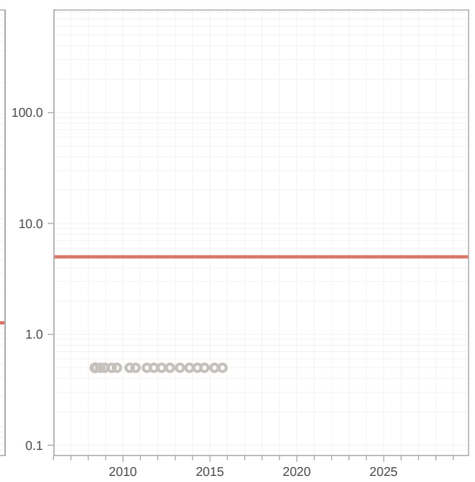
NYS GWQS = 1 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Toluene (ug/L)

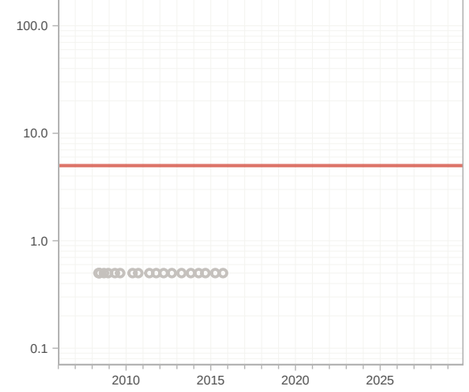
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)

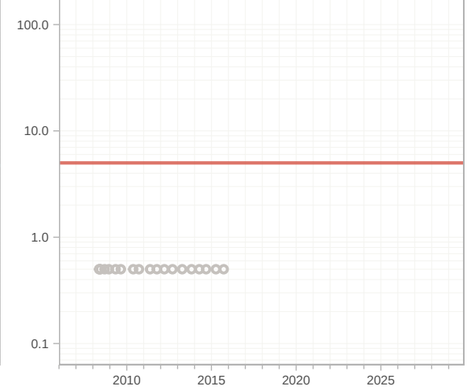
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

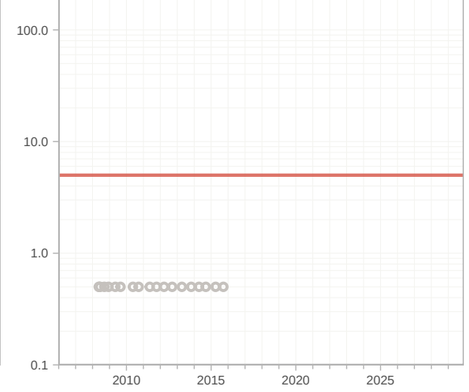
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

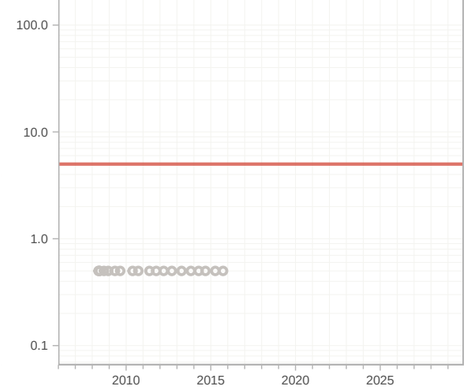
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

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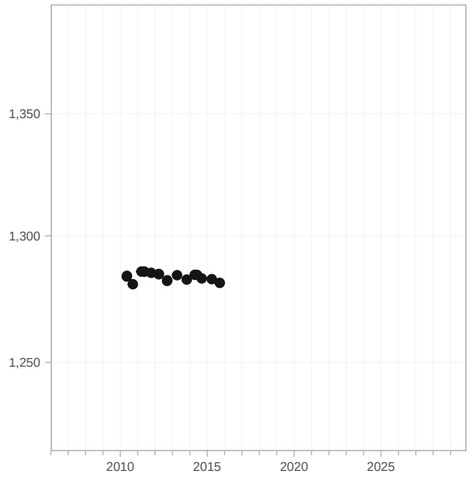
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

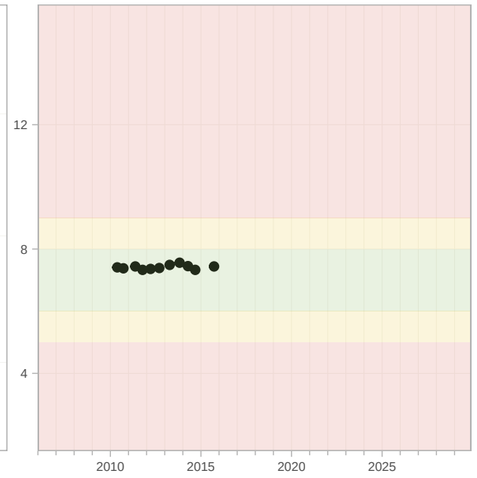
BP−28A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



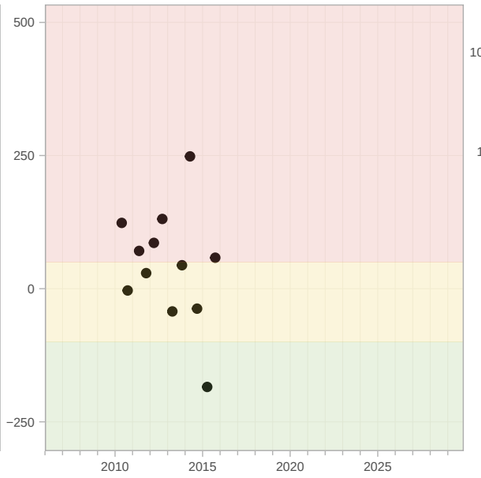
All | N = 18; ND = 0; %ND = 0; M−K = probably decreasing

pH (SU)



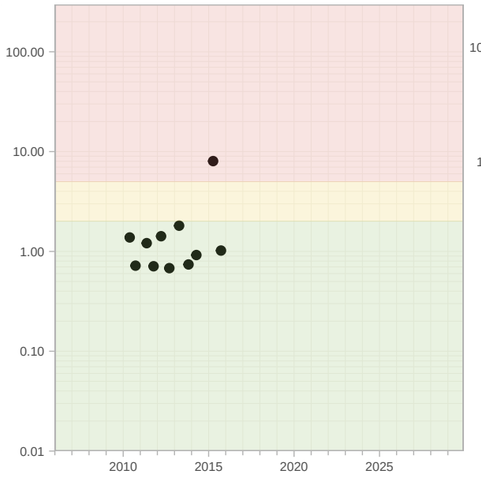
All | N = 11; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



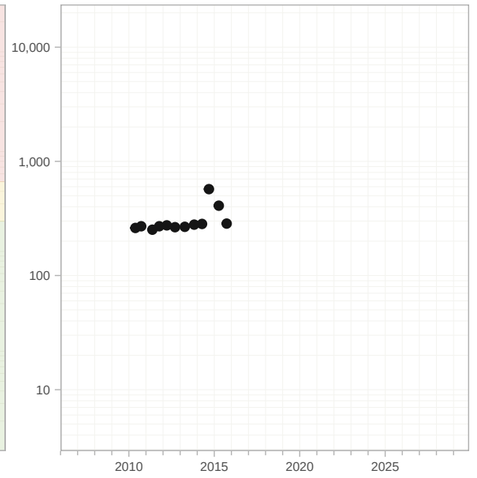
All | N = 12; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



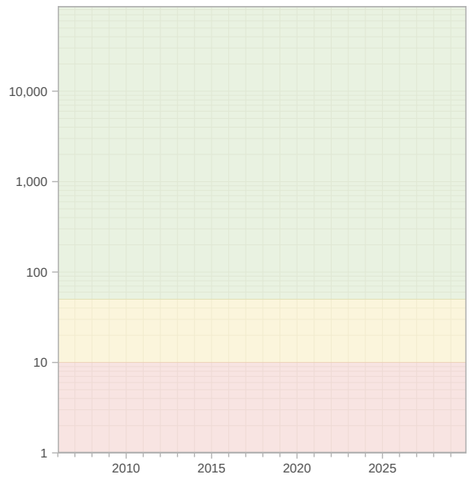
All | N = 11; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



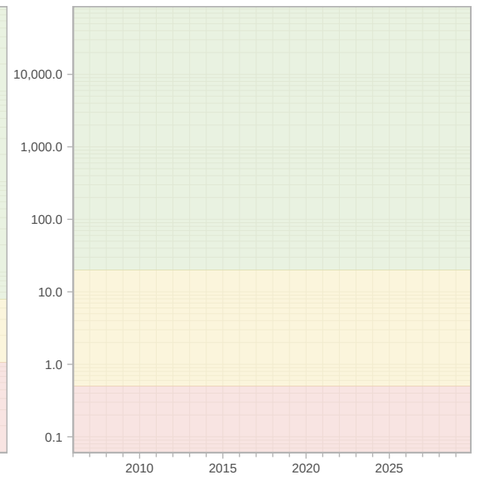
All | N = 12; ND = 0; %ND = 0; M−K = strong increasing

Sulfide



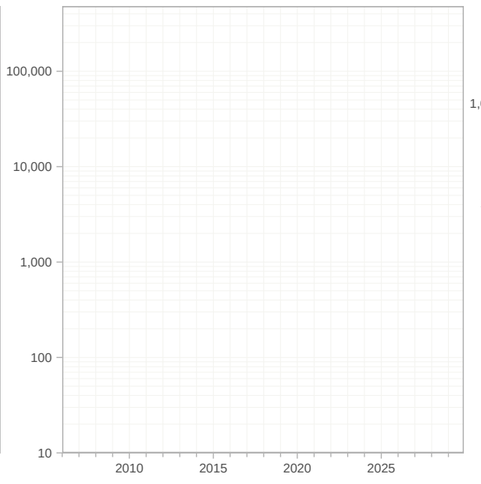
No Data

Methane



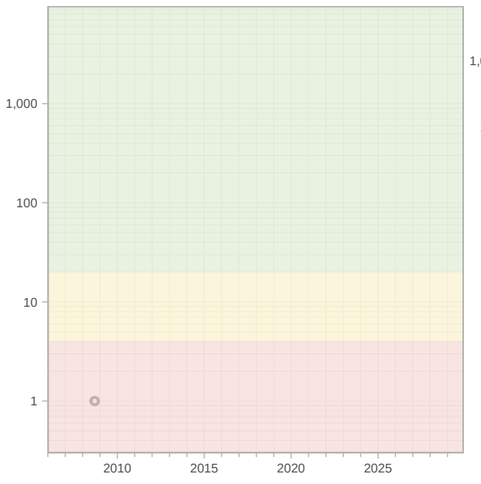
No Data

Iron − Ferrous



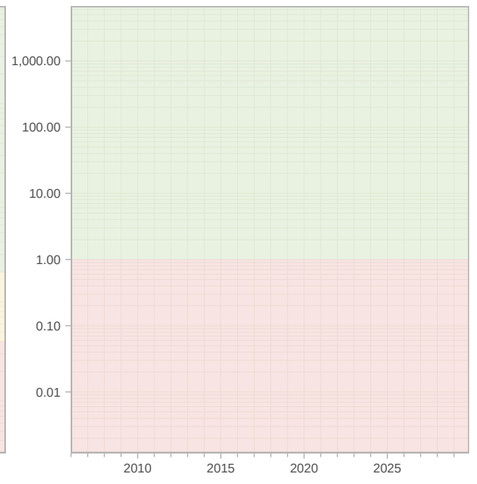
No Data

Total Organic Carbon (mg/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Total Volatile Fatty Acids



No Data

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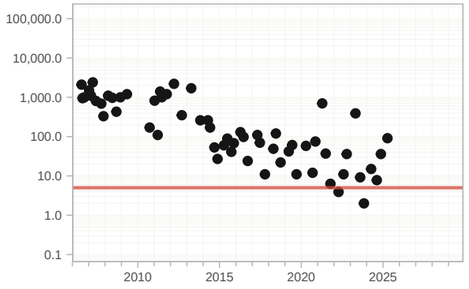
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−2A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

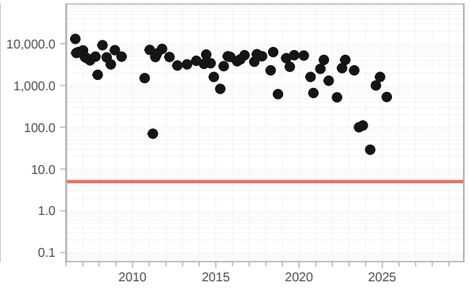
NYS GWQS = 5 ug/L



All | N = 60; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

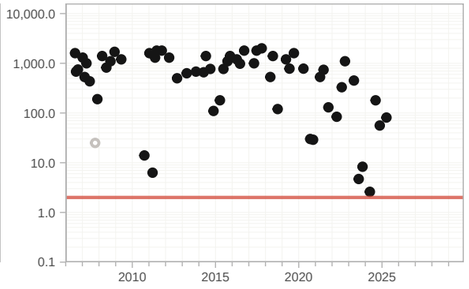
NYS GWQS = 5 ug/L



All | N = 60; ND = 0; %ND = 0; M−K = strong decreasing

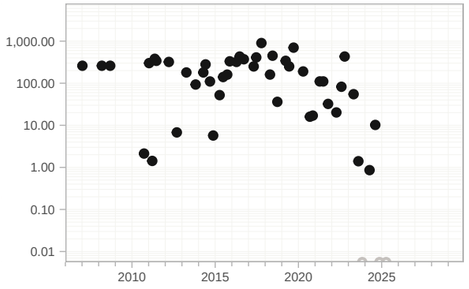
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



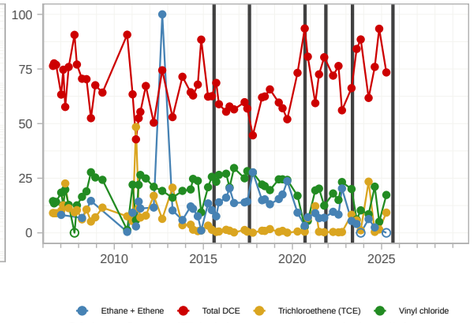
All | N = 60; ND = 1; %ND = 1.7; M−K = decreasing

Ethane + Ethene (ug/L)



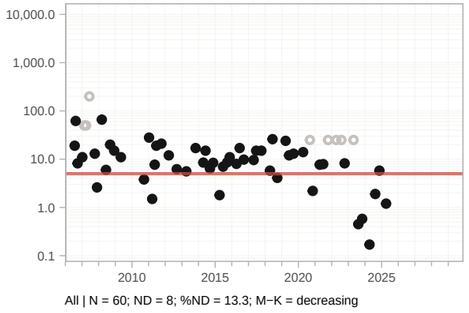
All | N = 48; ND = 3; %ND = 6.2; M−K = decreasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

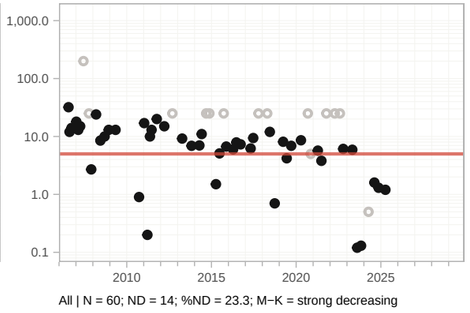
NYS GWQS = 5 ug/L



All | N = 60; ND = 8; %ND = 13.3; M−K = decreasing

Dichloroethene (1,1−) (ug/L)

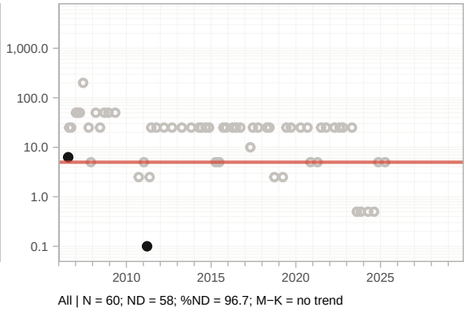
NYS GWQS = 5 ug/L



All | N = 60; ND = 14; %ND = 23.3; M−K = strong decreasing

Tetrachloroethene (PCE) (ug/L)

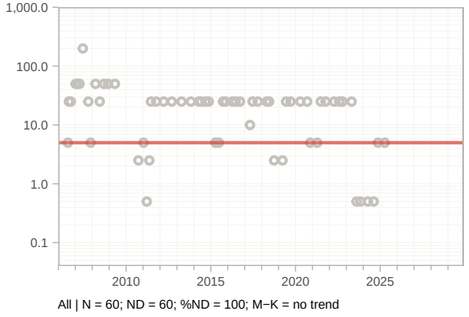
NYS GWQS = 5 ug/L



All | N = 60; ND = 58; %ND = 96.7; M−K = no trend

Carbon tetrachloride (ug/L)

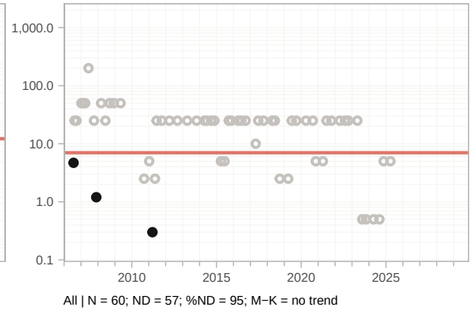
NYS GWQS = 5 ug/L



All | N = 60; ND = 60; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

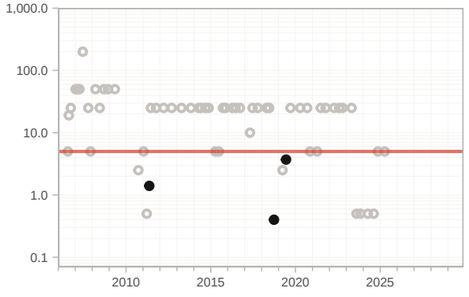
NYS GWQS = 7 ug/L



All | N = 60; ND = 57; %ND = 95; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

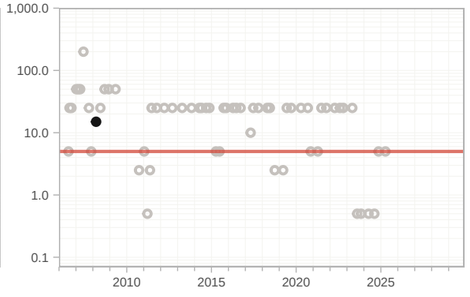
NYS GWQS = 5 ug/L



All | N = 60; ND = 57; %ND = 95; M−K = no trend

Chloromethane (ug/L)

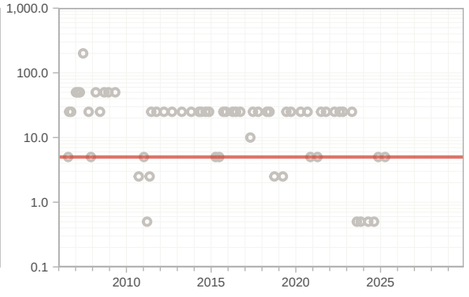
NYS GWQS = 5 ug/L



All | N = 60; ND = 59; %ND = 98.3; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

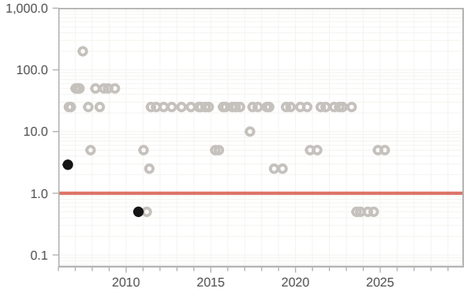
NYS GWQS = 5 ug/L



All | N = 60; ND = 60; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

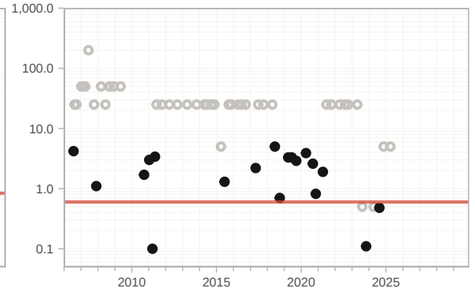
NYS GWQS = 1 ug/L



All | N = 60; ND = 58; %ND = 96.7; M−K = no trend

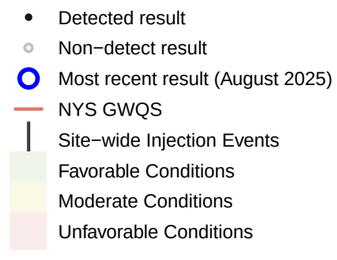
Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 60; ND = 41; %ND = 68.3; M−K = no trend

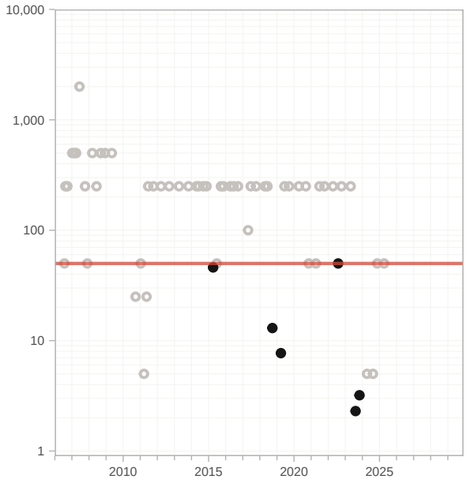
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−2A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

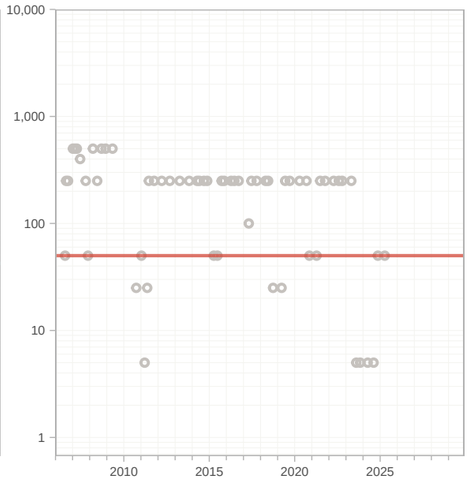
NYS GWQS = 50 ug/L



All | N = 60; ND = 54; %ND = 90; M−K = no trend

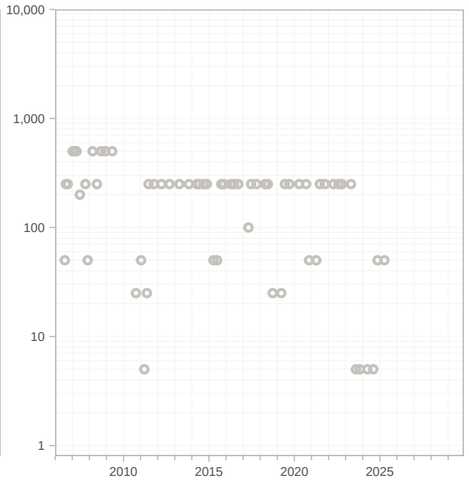
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 60; ND = 60; %ND = 100; M−K = no trend

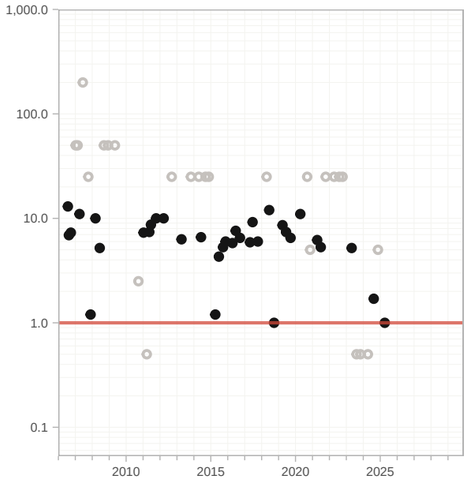
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 60; ND = 60; %ND = 100; M−K = no trend

Benzene (ug/L)

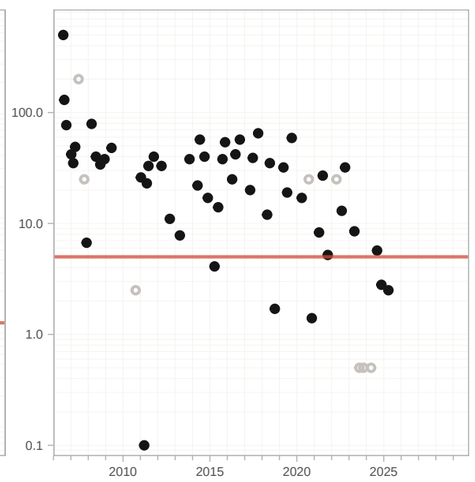
NYS GWQS = 1 ug/L



All | N = 60; ND = 25; %ND = 41.7; M−K = stable

Toluene (ug/L)

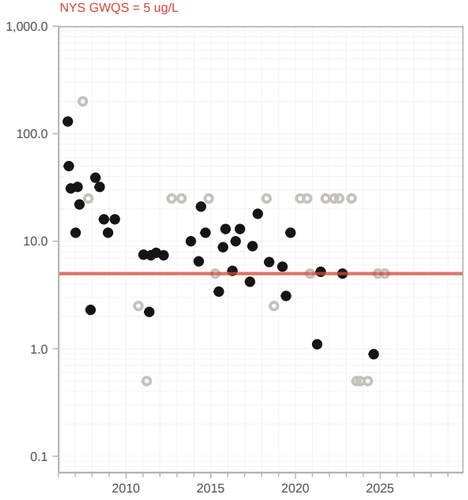
NYS GWQS = 5 ug/L



All | N = 60; ND = 8; %ND = 13.3; M−K = strong decreasing

Ethylbenzene (ug/L)

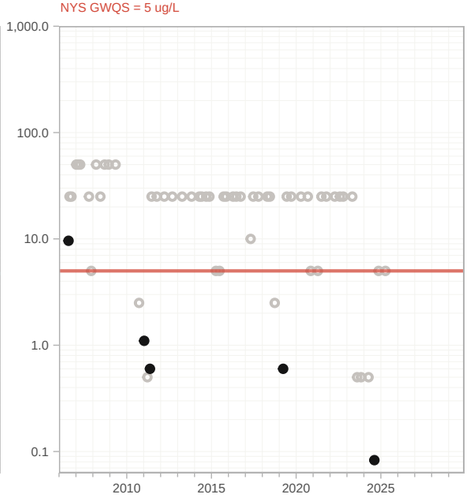
NYS GWQS = 5 ug/L



All | N = 60; ND = 22; %ND = 36.7; M−K = strong decreasing

Isopropylbenzene (Cumene) (ug/L)

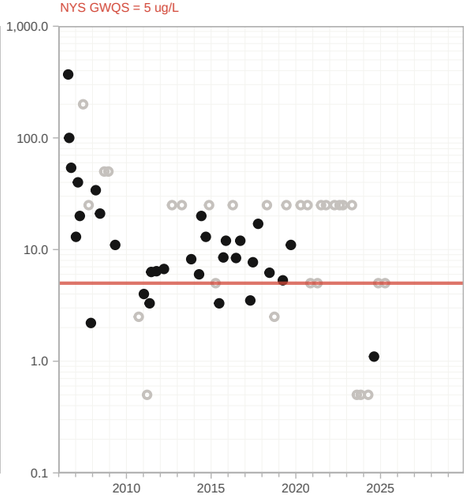
NYS GWQS = 5 ug/L



All | N = 59; ND = 54; %ND = 91.5; M−K = no trend

Xylene (m,p−) (ug/L)

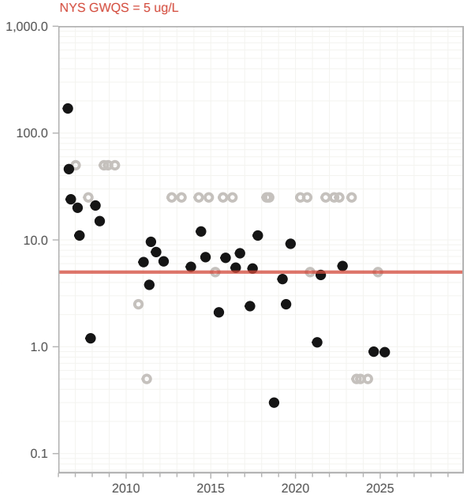
NYS GWQS = 5 ug/L



All | N = 60; ND = 29; %ND = 48.3; M−K = strong decreasing

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 59; ND = 27; %ND = 45.8; M−K = strong decreasing

Notes:
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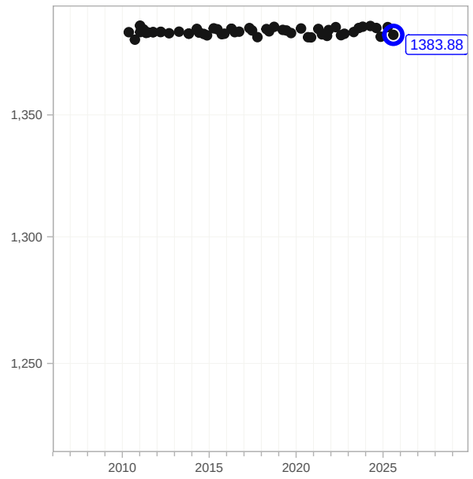
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

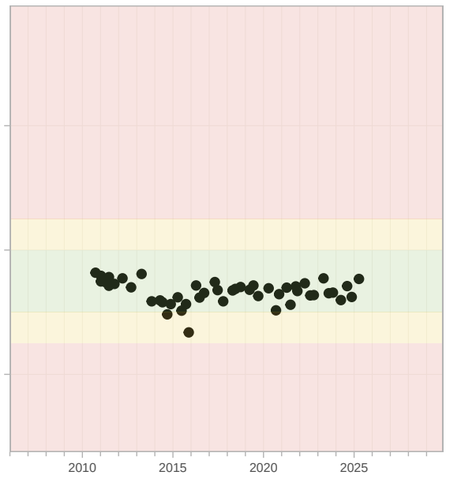
BP−2A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



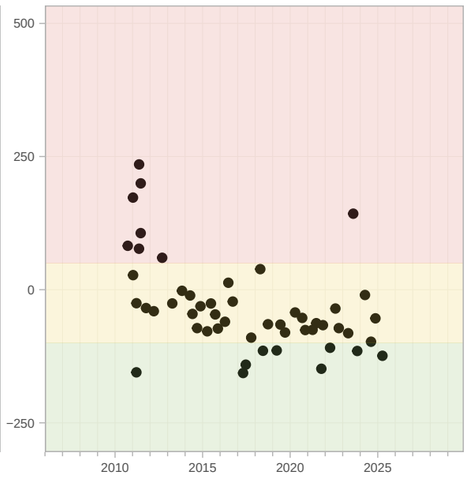
All | N = 58; ND = 0; %ND = 0; M−K = stable

pH (SU)



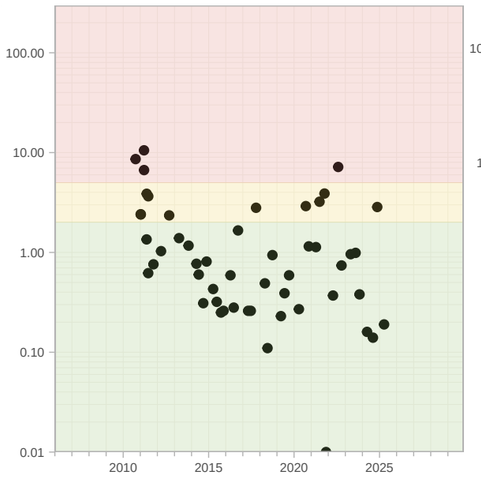
All | N = 51; ND = 0; %ND = 0; M−K = probably decreasing

Oxidation/Reduction Potential (mV)



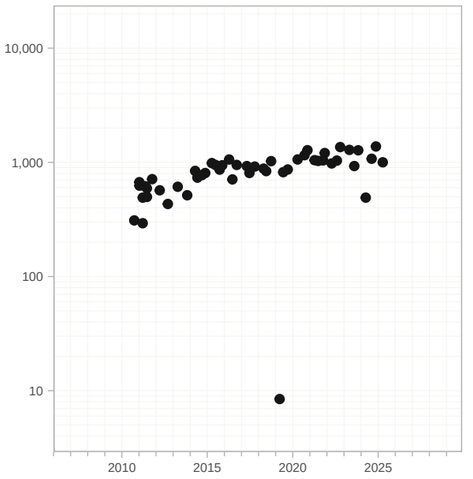
All | N = 51; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



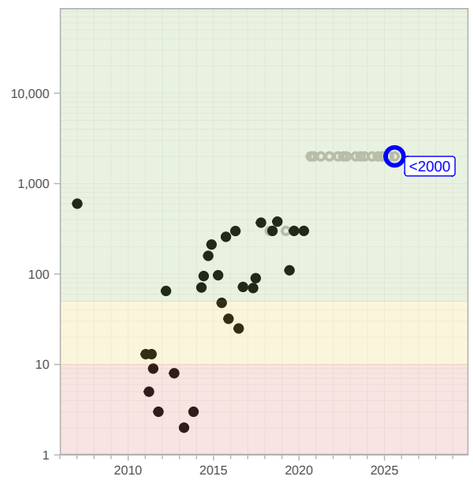
All | N = 51; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)



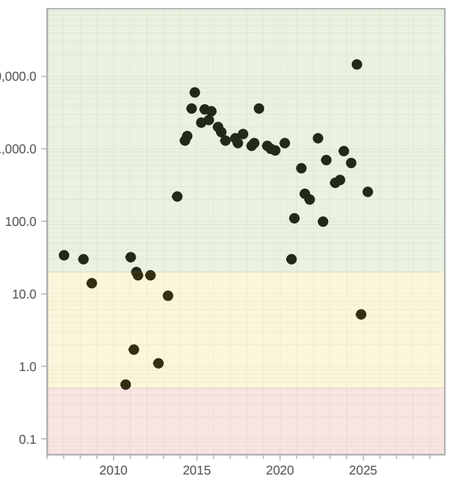
All | N = 51; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



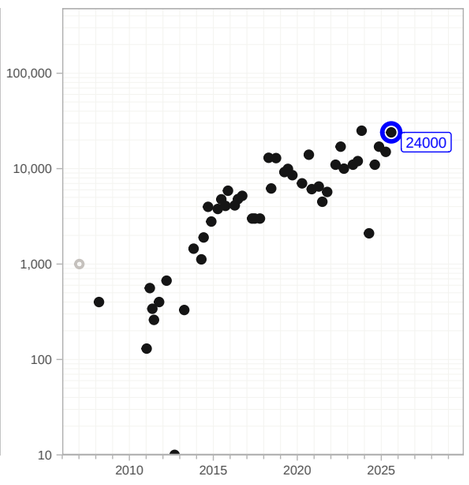
All | N = 46; ND = 17; %ND = 37; M−K = probably increasing

Methane (ug/L)



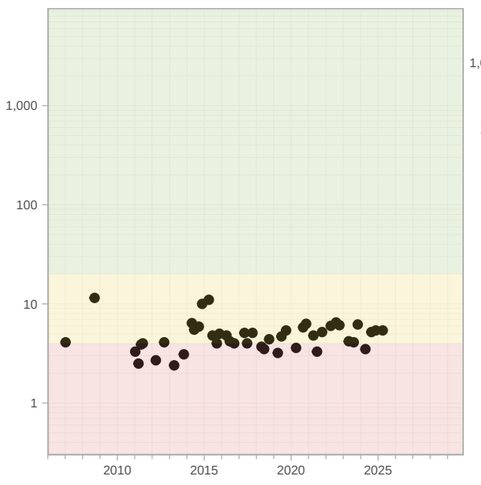
All | N = 48; ND = 0; %ND = 0; M−K = no trend

Iron − Ferrous (ug/L)



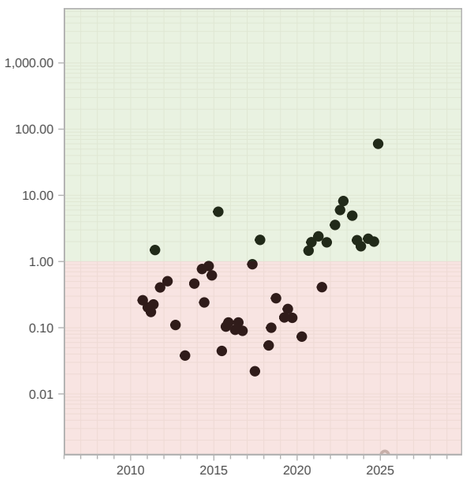
All | N = 48; ND = 1; %ND = 2.1; M−K = strong increasing

Total Organic Carbon (mg/L)



All | N = 46; ND = 0; %ND = 0; M−K = probably increasing

Total Volatile Fatty Acids (mg/L)



All | N = 46; ND = 1; %ND = 2.2; M−K = strong increasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
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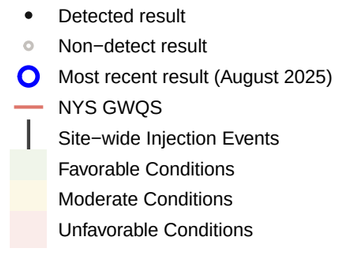
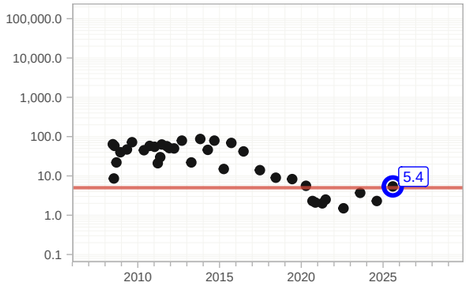
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−30A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

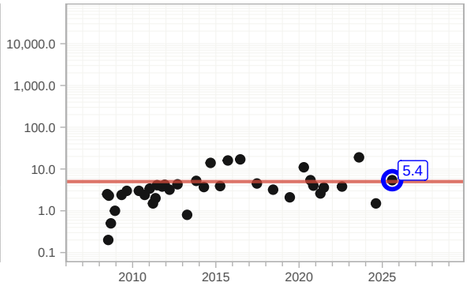
NYS GWQS = 5 ug/L



All | N = 36; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

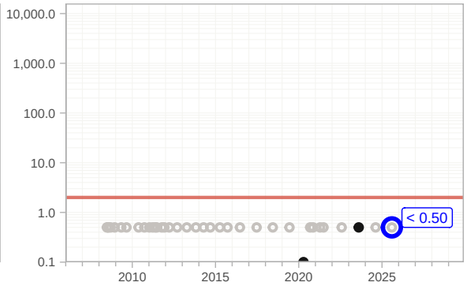
NYS GWQS = 5 ug/L



All | N = 36; ND = 0; %ND = 0; M−K = strong increasing

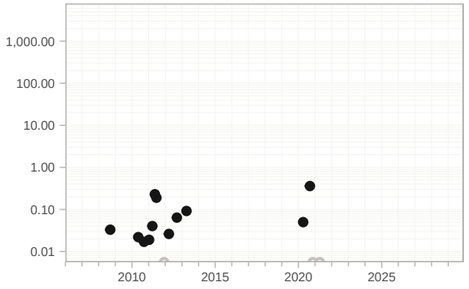
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



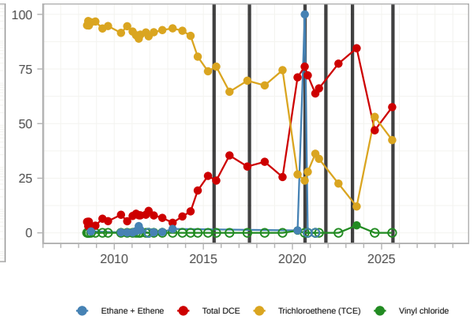
All | N = 36; ND = 34; %ND = 94.4; M−K = probably increasing

Ethane + Ethene (ug/L)



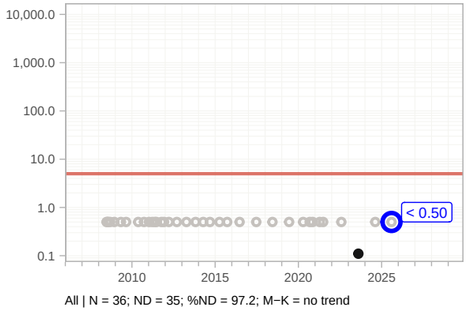
All | N = 15; ND = 3; %ND = 20; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

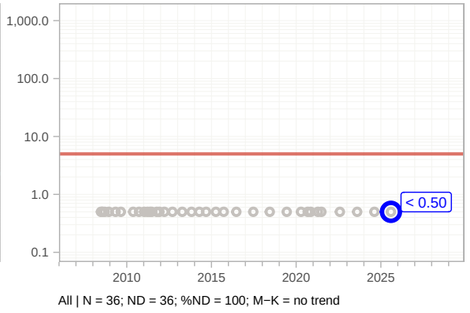
NYS GWQS = 5 ug/L



All | N = 36; ND = 35; %ND = 97.2; M−K = no trend

Dichloroethene (1,1−) (ug/L)

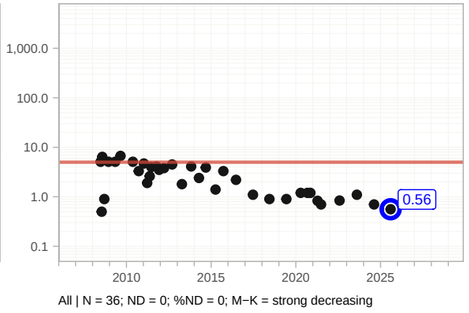
NYS GWQS = 5 ug/L



All | N = 36; ND = 36; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

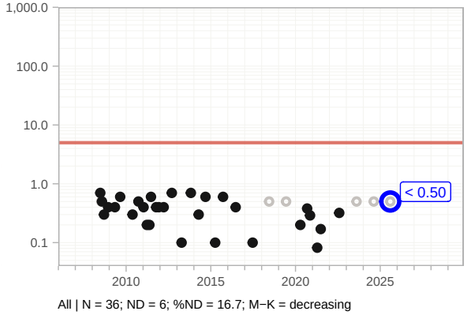
NYS GWQS = 5 ug/L



All | N = 36; ND = 0; %ND = 0; M−K = strong decreasing

Carbon tetrachloride (ug/L)

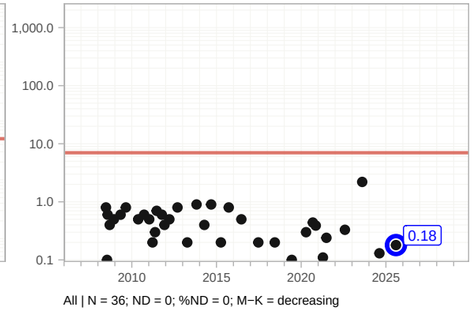
NYS GWQS = 5 ug/L



All | N = 36; ND = 6; %ND = 16.7; M−K = decreasing

Chloroform (Trichloromethane) (ug/L)

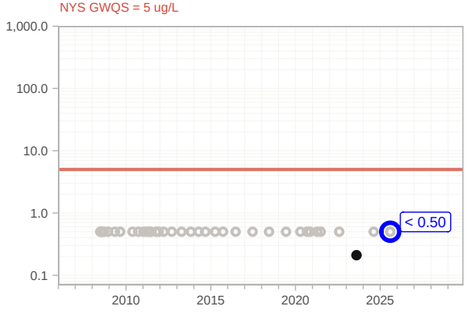
NYS GWQS = 7 ug/L



All | N = 36; ND = 0; %ND = 0; M−K = decreasing

Methylene Chloride (Dichloromethane) (ug/L

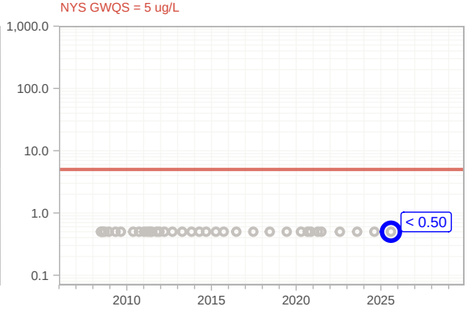
NYS GWQS = 5 ug/L



All | N = 36; ND = 35; %ND = 97.2; M−K = no trend

Chloromethane (ug/L)

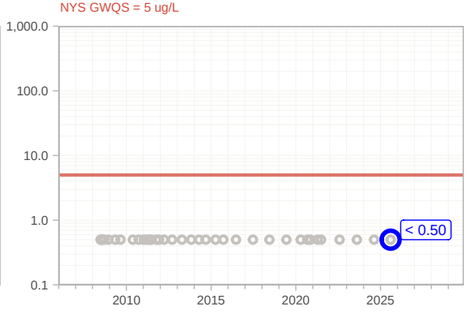
NYS GWQS = 5 ug/L



All | N = 36; ND = 36; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

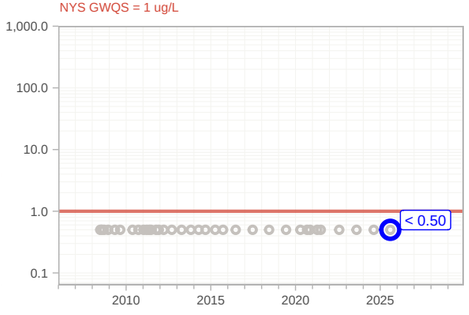
NYS GWQS = 5 ug/L



All | N = 36; ND = 36; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

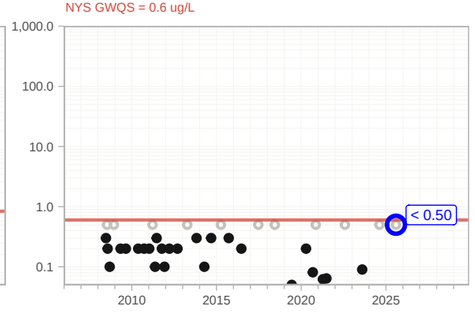
NYS GWQS = 1 ug/L



All | N = 36; ND = 36; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 36; ND = 11; %ND = 30.6; M−K = stable

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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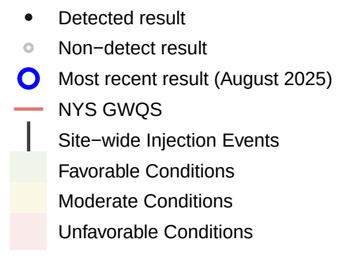
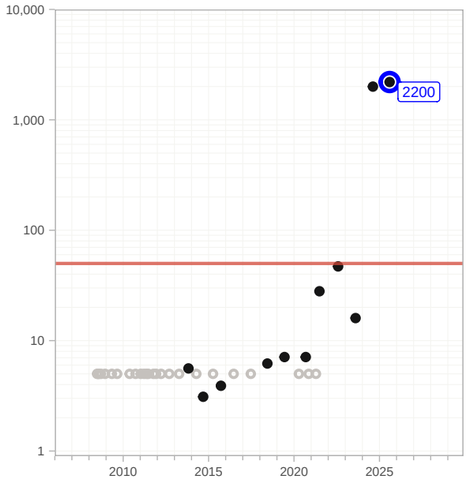


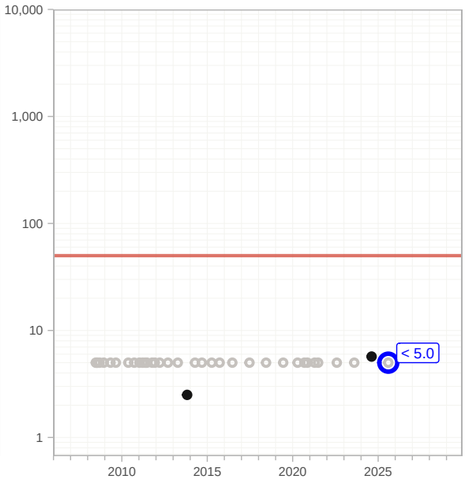
BP−30A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



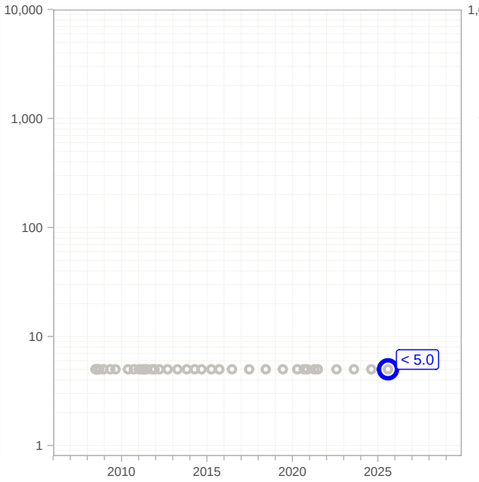
All | N = 36; ND = 25; %ND = 69.4; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



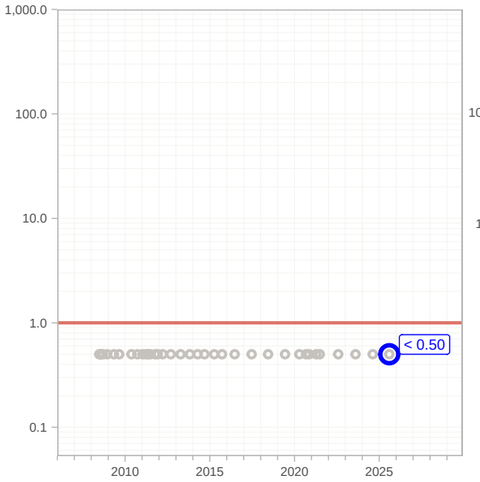
All | N = 36; ND = 34; %ND = 94.4; M−K = probably increasing

Methyl−2−pentanone (4−) (MIBK) (ug/L)



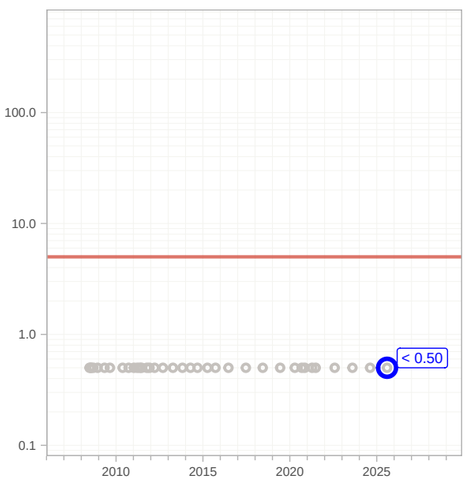
All | N = 36; ND = 36; %ND = 100; M−K = no trend

Benzene (ug/L)



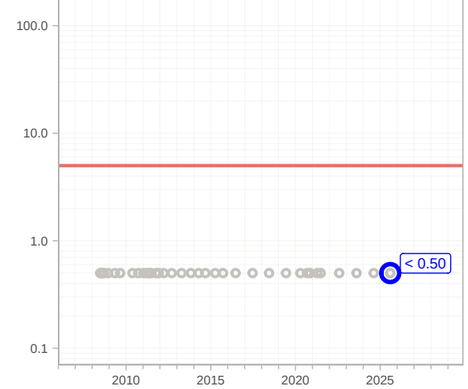
All | N = 36; ND = 36; %ND = 100; M−K = no trend

Toluene (ug/L)



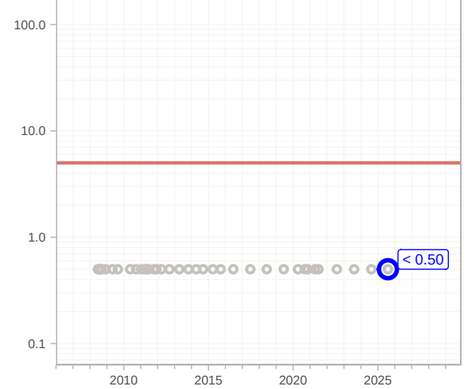
All | N = 36; ND = 36; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



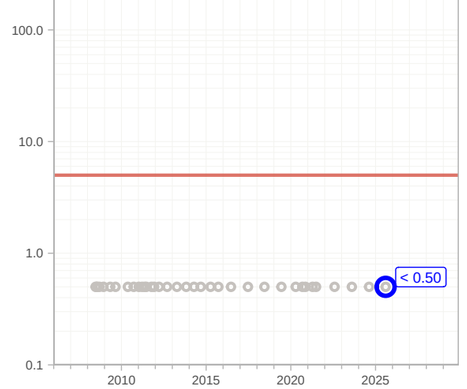
All | N = 36; ND = 36; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



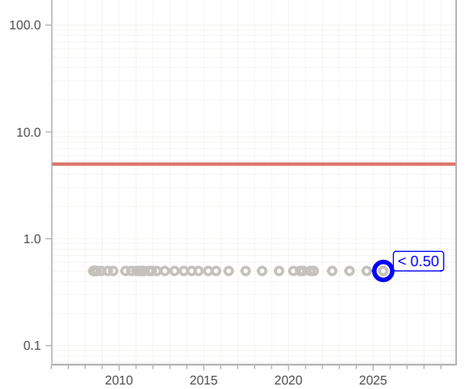
All | N = 36; ND = 36; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 36; ND = 36; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 36; ND = 36; %ND = 100; M−K = no trend

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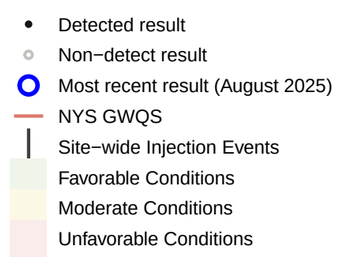
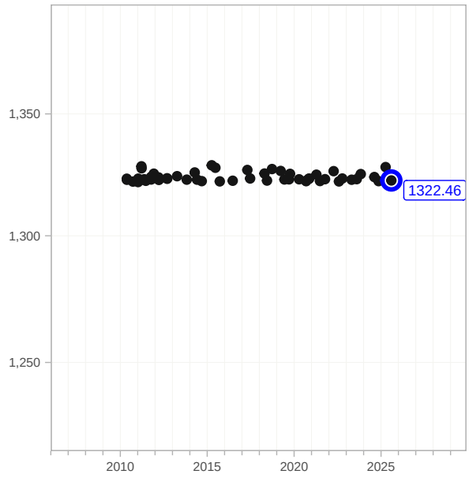


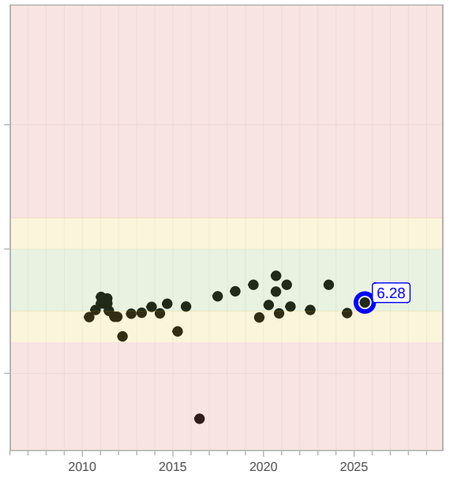
BP−30A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



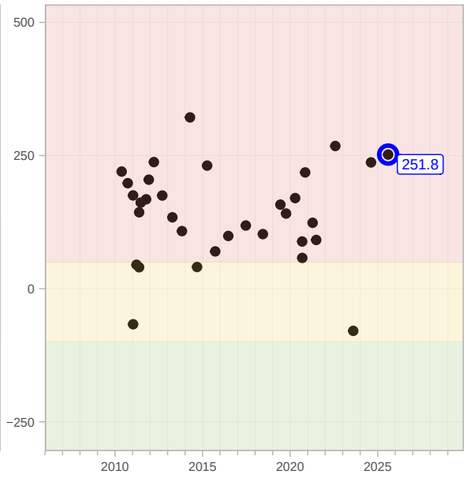
All | N = 53; ND = 0; %ND = 0; M−K = stable

pH (SU)



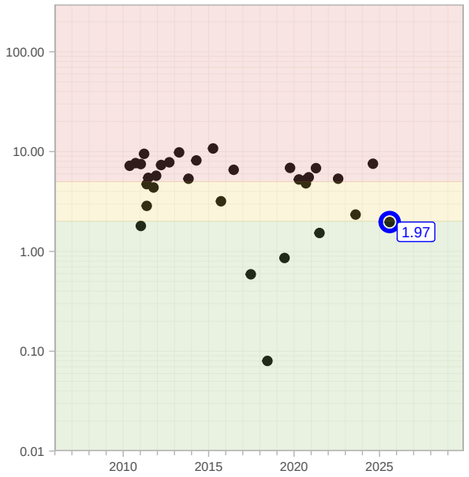
All | N = 33; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



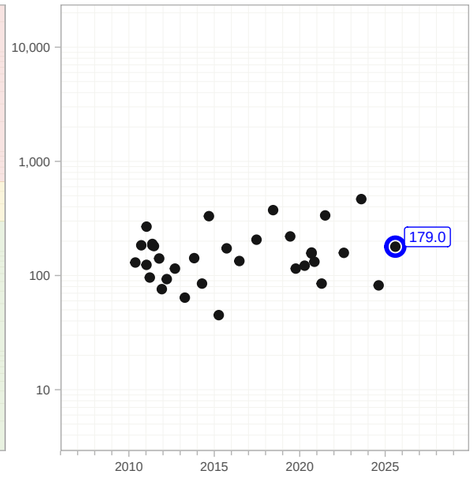
All | N = 33; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



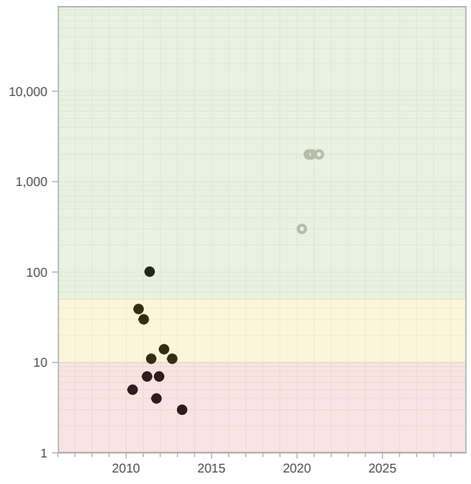
All | N = 32; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



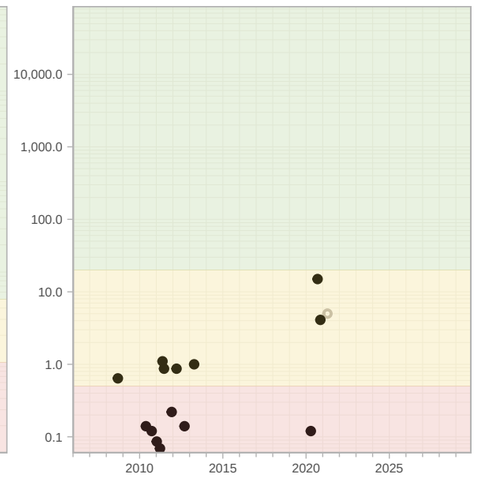
All | N = 33; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



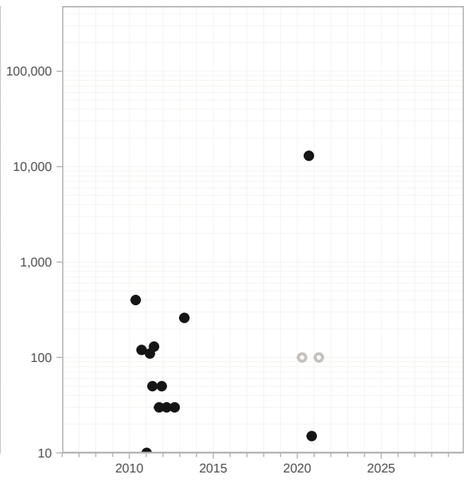
All | N = 15; ND = 4; %ND = 26.7; M−K = no trend

Methane (ug/L)



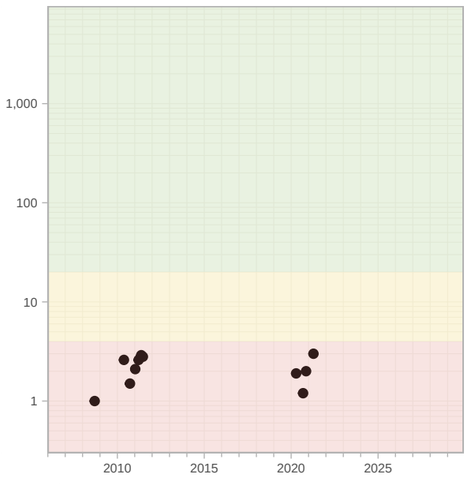
All | N = 15; ND = 1; %ND = 6.7; M−K = no trend

Iron − Ferrous (ug/L)



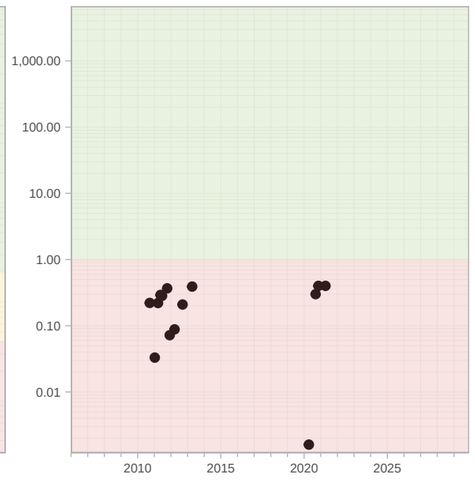
All | N = 15; ND = 2; %ND = 13.3; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 11; ND = 0; %ND = 0; M−K = stable

Total Volatile Fatty Acids (mg/L)



All | N = 14; ND = 0; %ND = 0; M−K = stable

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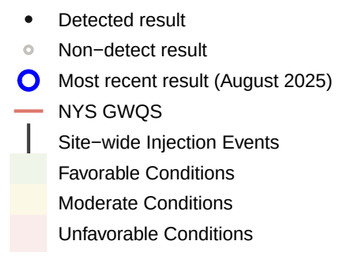
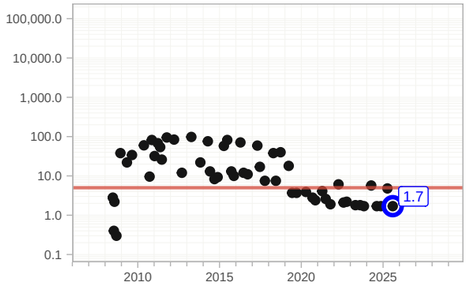


BP−31A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

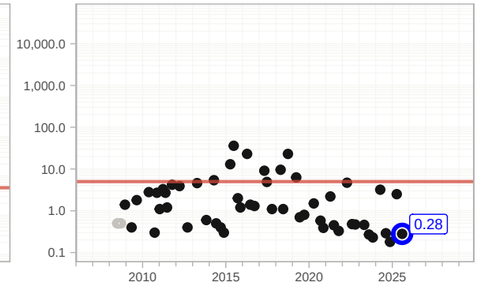
NYS GWQS = 5 ug/L



All | N = 56; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

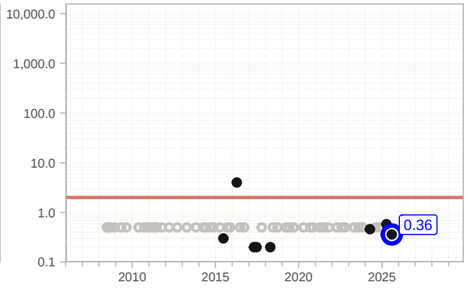
NYS GWQS = 5 ug/L



All | N = 56; ND = 4; %ND = 7.1; M−K = no trend

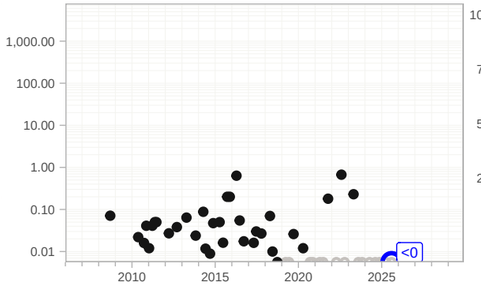
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



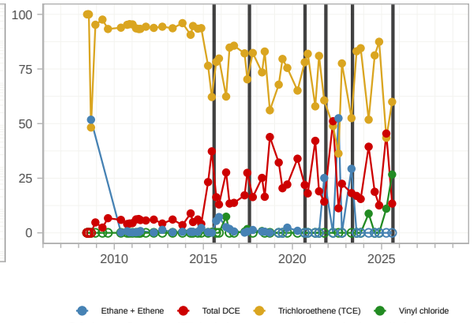
All | N = 56; ND = 48; %ND = 85.7; M−K = no trend

Ethane + Ethene (ug/L)



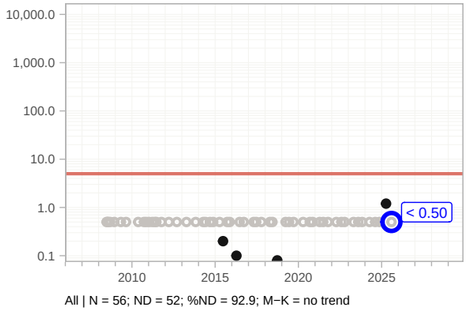
All | N = 49; ND = 15; %ND = 30.6; M−K = strong decreasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

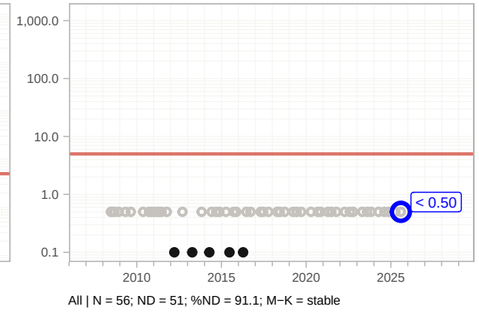
NYS GWQS = 5 ug/L



All | N = 56; ND = 52; %ND = 92.9; M−K = no trend

Dichloroethene (1,1−) (ug/L)

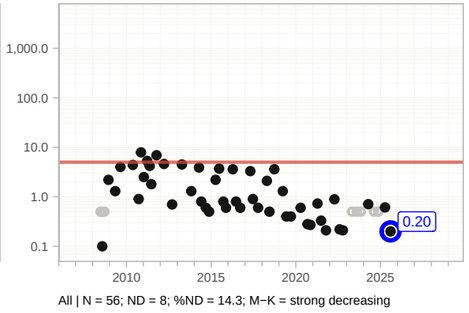
NYS GWQS = 5 ug/L



All | N = 56; ND = 51; %ND = 91.1; M−K = stable

Tetrachloroethene (PCE) (ug/L)

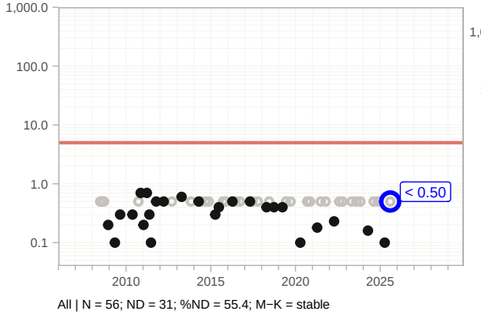
NYS GWQS = 5 ug/L



All | N = 56; ND = 8; %ND = 14.3; M−K = strong decreasing

Carbon tetrachloride (ug/L)

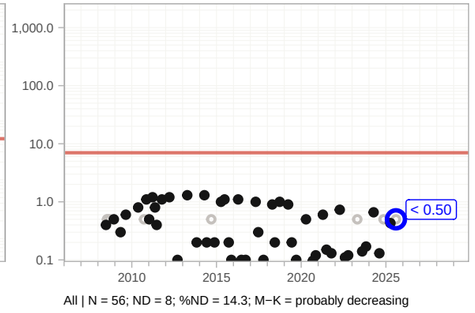
NYS GWQS = 5 ug/L



All | N = 56; ND = 31; %ND = 55.4; M−K = stable

Chloroform (Trichloromethane) (ug/L)

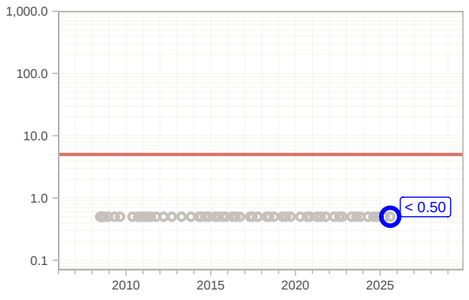
NYS GWQS = 7 ug/L



All | N = 56; ND = 8; %ND = 14.3; M−K = probably decreasing

Methylene Chloride (Dichloromethane) (ug/L

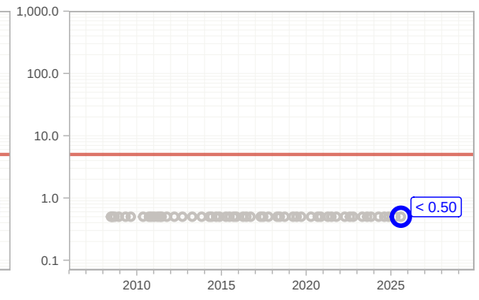
NYS GWQS = 5 ug/L



All | N = 56; ND = 56; %ND = 100; M−K = no trend

Chloromethane (ug/L)

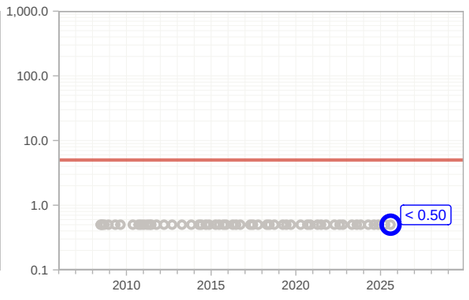
NYS GWQS = 5 ug/L



All | N = 56; ND = 56; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

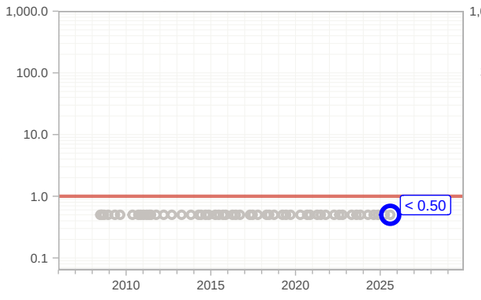
NYS GWQS = 5 ug/L



All | N = 56; ND = 56; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

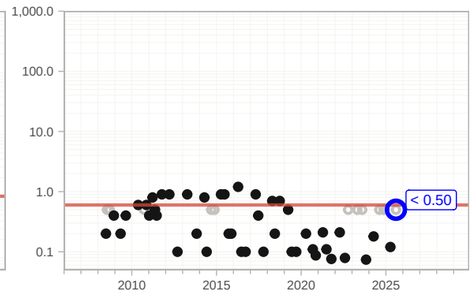
NYS GWQS = 1 ug/L



All | N = 56; ND = 56; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 56; ND = 12; %ND = 21.4; M−K = decreasing

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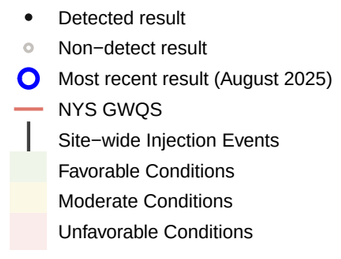

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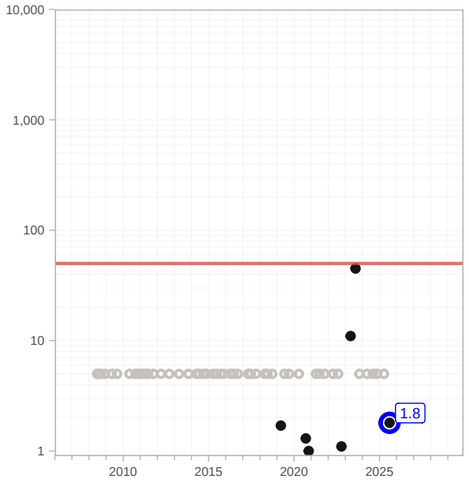
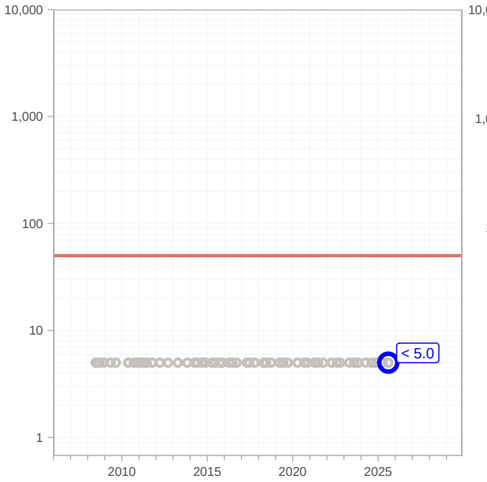
Acetone (ug/L)



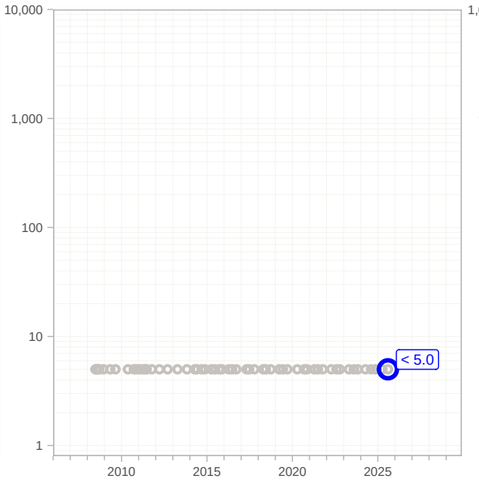
All | N = 56; ND = 49; %ND = 87.5; M−K = no trend

Butanone (2−) (MEK) (ug/L)



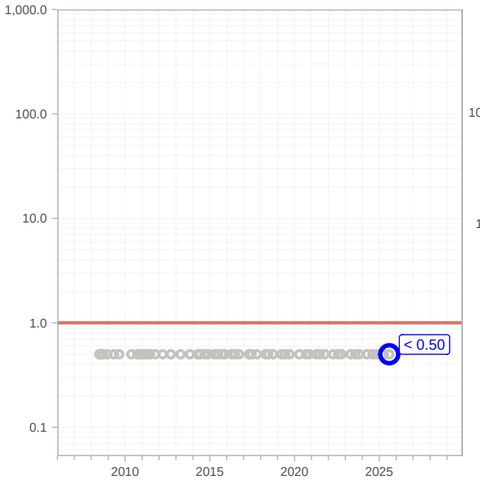
All | N = 56; ND = 56; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



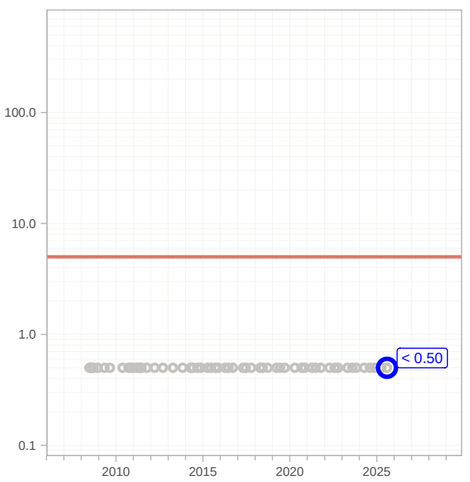
All | N = 56; ND = 56; %ND = 100; M−K = no trend

Benzene (ug/L)



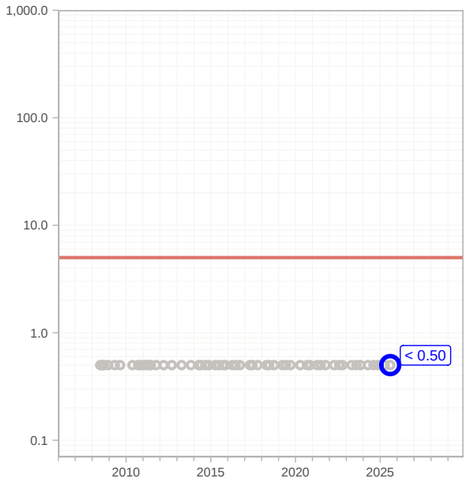
All | N = 56; ND = 56; %ND = 100; M−K = no trend

Toluene (ug/L)



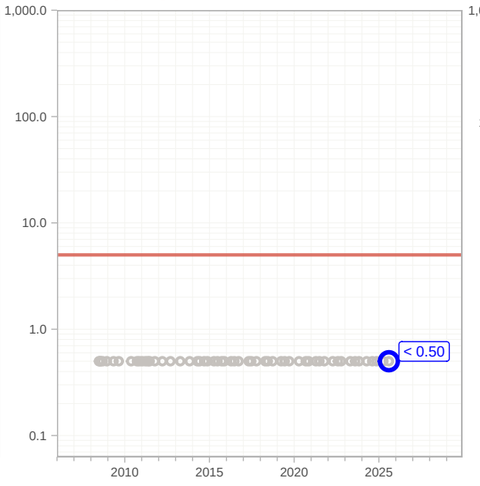
All | N = 56; ND = 56; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



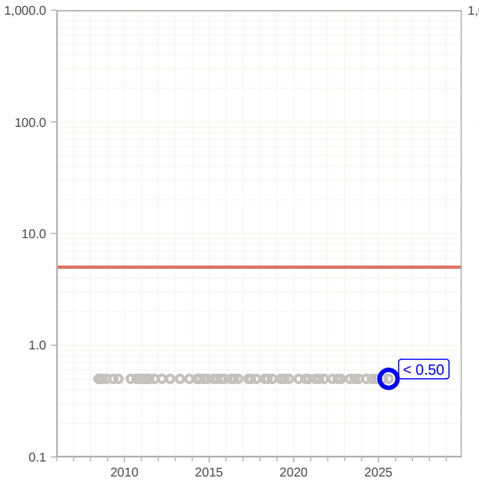
All | N = 56; ND = 56; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



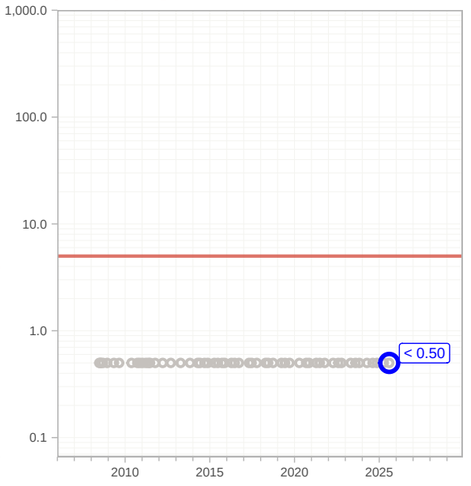
All | N = 56; ND = 56; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



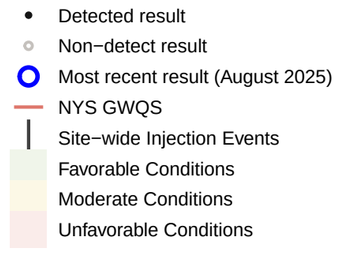
All | N = 56; ND = 56; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



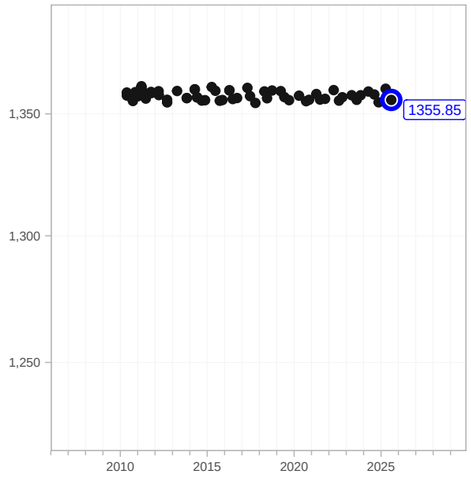
All | N = 56; ND = 56; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



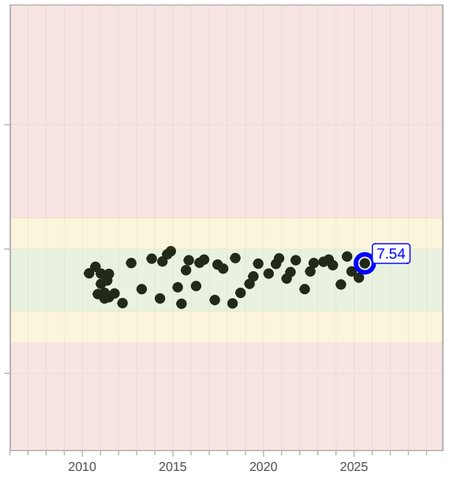
BP−31A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



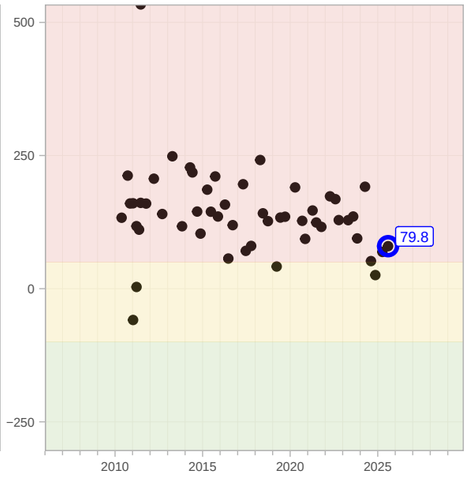
All | N = 60; ND = 0; %ND = 0; M−K = stable

pH (SU)



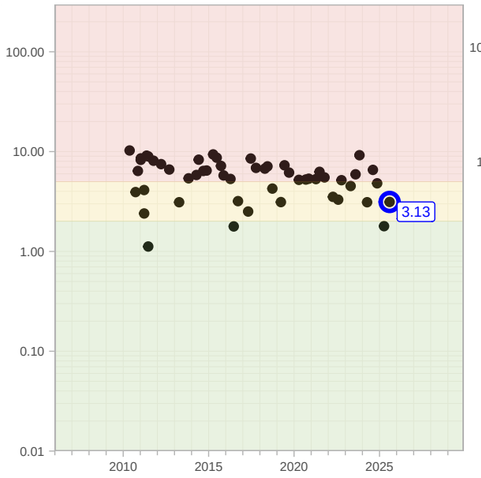
All | N = 52; ND = 0; %ND = 0; M−K = increasing

Oxidation/Reduction Potential (mV)



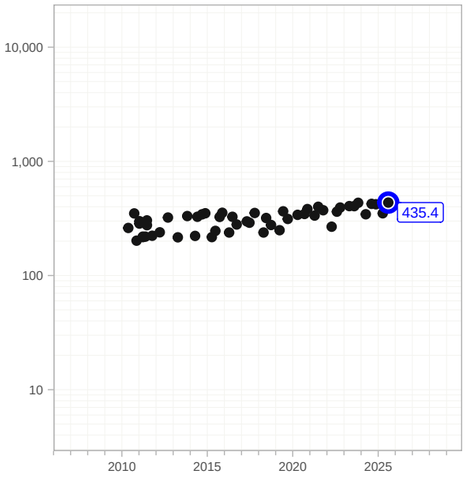
All | N = 52; ND = 0; %ND = 0; M−K = decreasing

Dissolved Oxygen (mg/L)



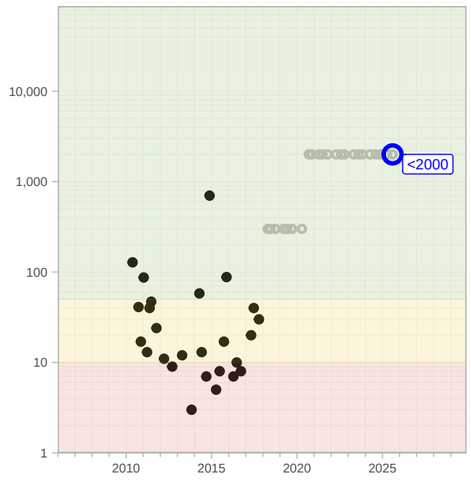
All | N = 52; ND = 0; %ND = 0; M−K = decreasing

Specific Conductance (uS/cm)



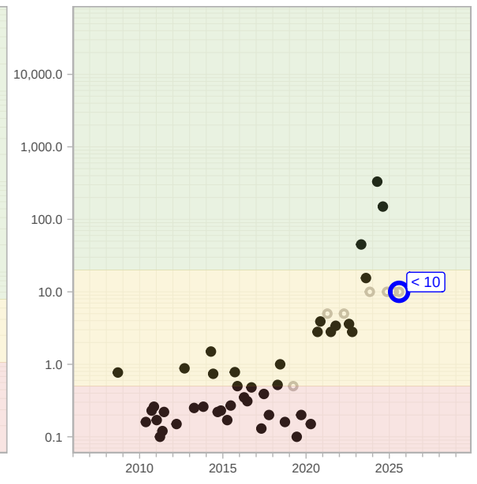
All | N = 52; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



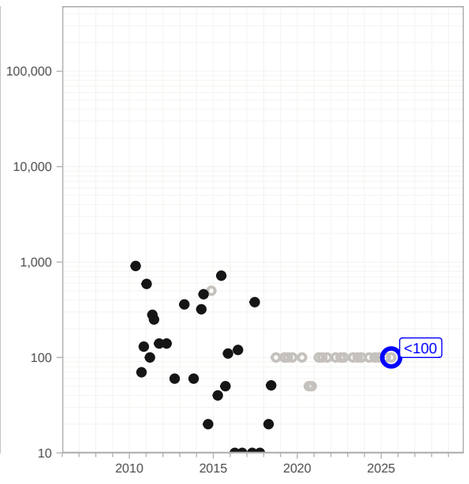
All | N = 49; ND = 23; %ND = 46.9; M−K = no trend

Methane (ug/L)



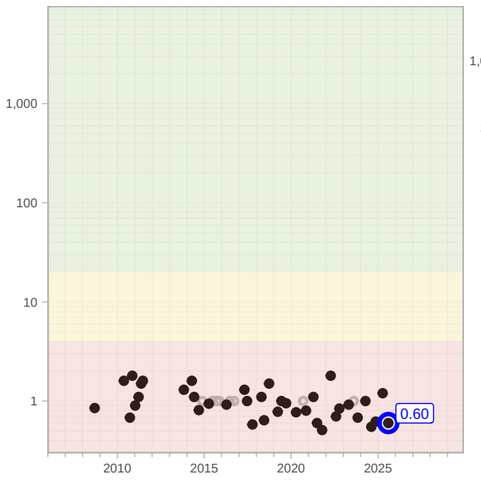
All | N = 49; ND = 7; %ND = 14.3; M−K = strong increasing

Iron − Ferrous (ug/L)



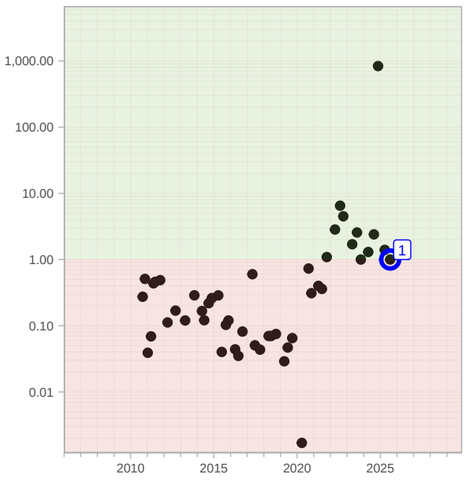
All | N = 49; ND = 22; %ND = 44.9; M−K = strong decreasing

Total Organic Carbon (mg/L)



All | N = 46; ND = 8; %ND = 17.4; M−K = decreasing

Total Volatile Fatty Acids (mg/L)



All | N = 48; ND = 0; %ND = 0; M−K = strong increasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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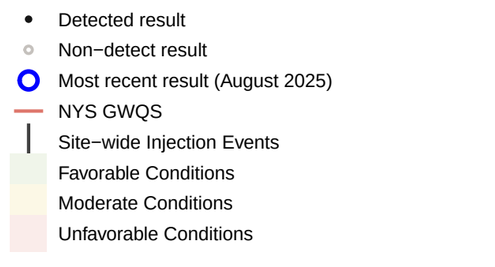
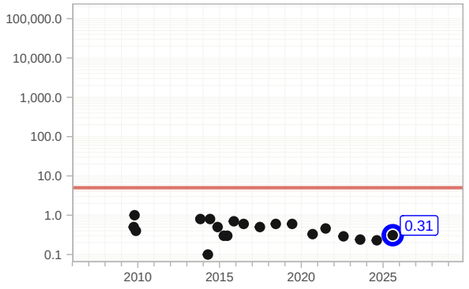
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−32A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

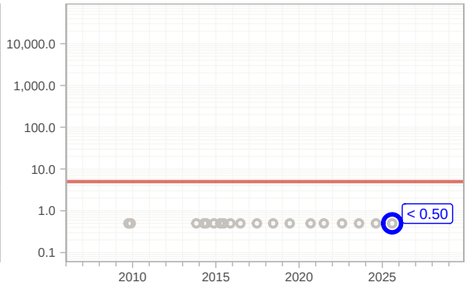
NYS GWQS = 5 ug/L



All | N = 20; ND = 0; %ND = 0; M−K = decreasing

Dichloroethene (cis−1,2−) (ug/L)

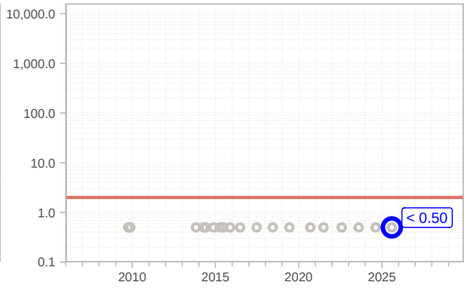
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

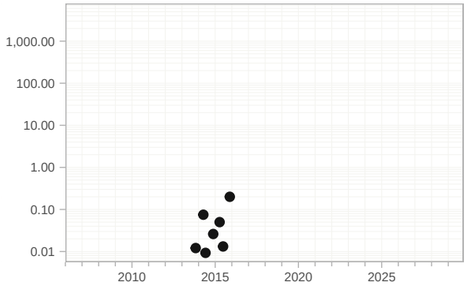
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



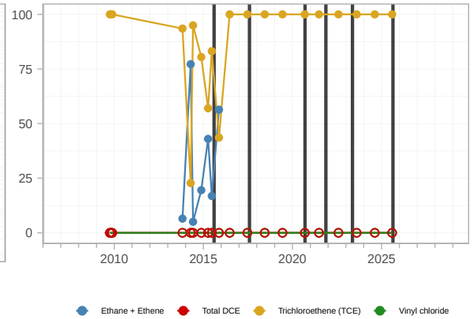
All | N = 20; ND = 20; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



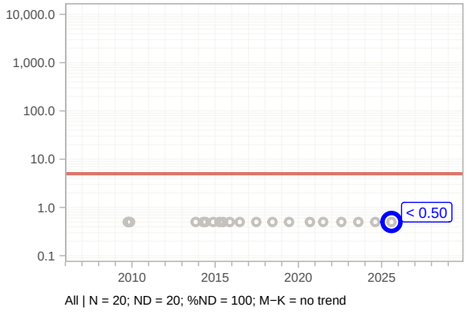
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

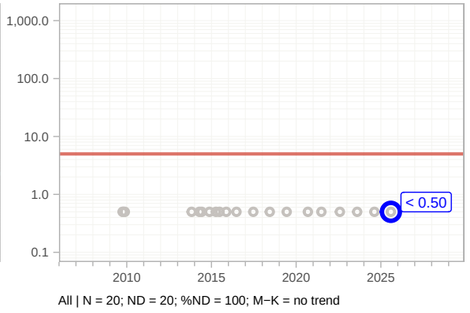
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

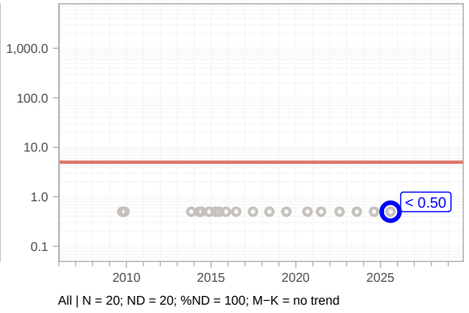
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

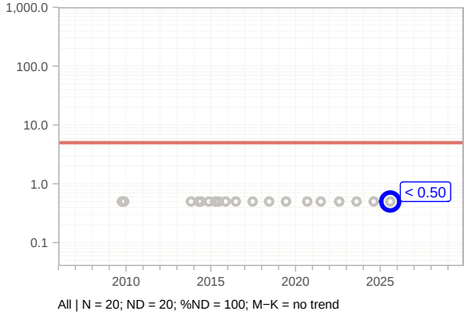
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

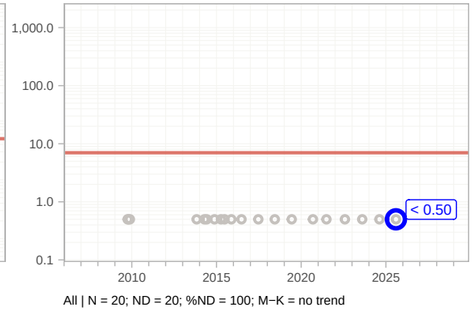
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

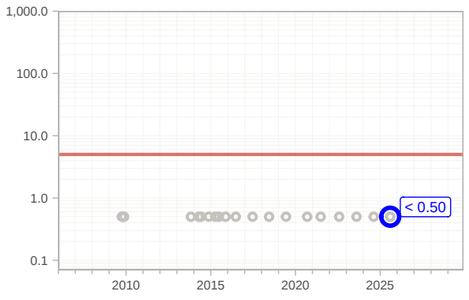
NYS GWQS = 7 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

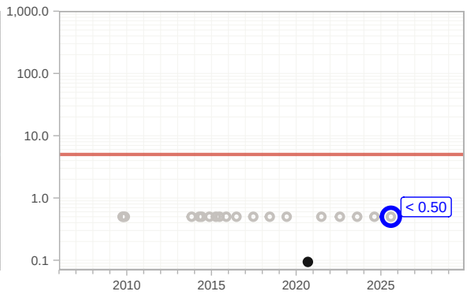
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Chloromethane (ug/L)

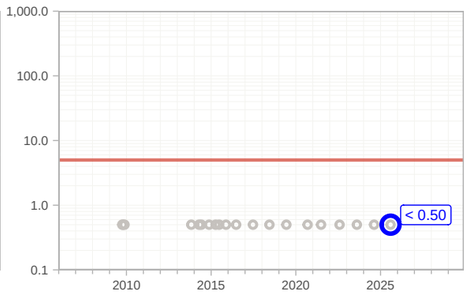
NYS GWQS = 5 ug/L



All | N = 20; ND = 19; %ND = 95; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

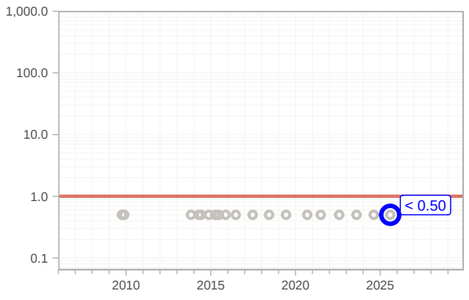
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

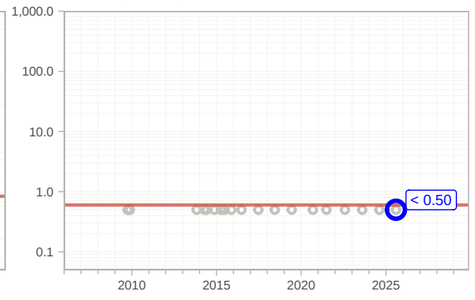
NYS GWQS = 1 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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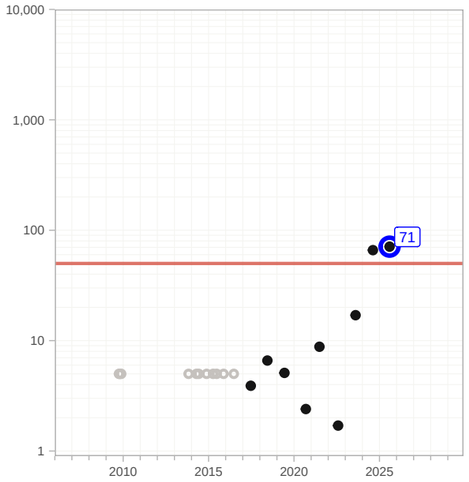
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−32A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

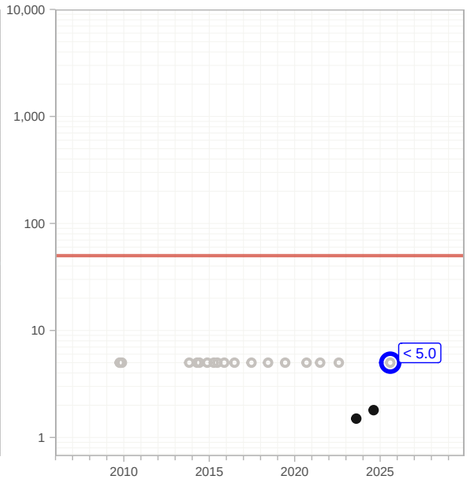
NYS GWQS = 50 ug/L



All | N = 20; ND = 11; %ND = 55; M−K = strong increasing

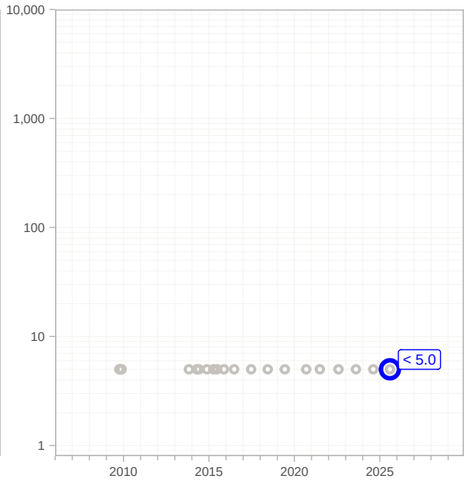
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 20; ND = 18; %ND = 90; M−K = no trend

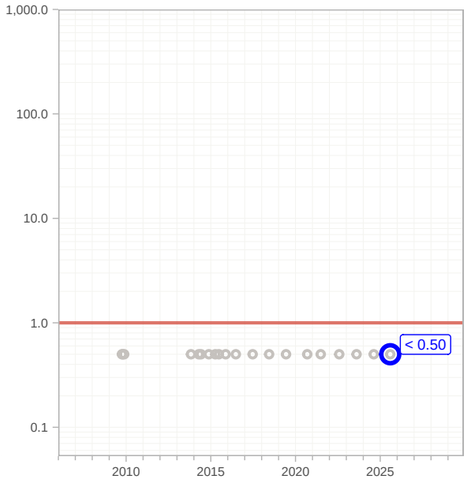
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Benzene (ug/L)

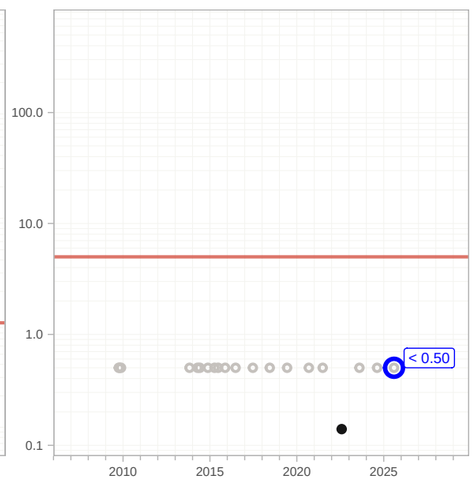
NYS GWQS = 1 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Toluene (ug/L)

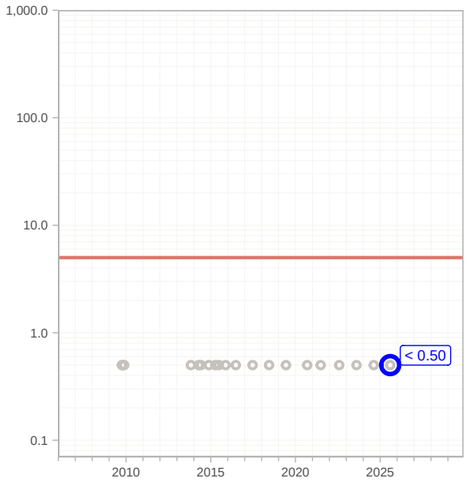
NYS GWQS = 5 ug/L



All | N = 20; ND = 19; %ND = 95; M−K = no trend

Ethylbenzene (ug/L)

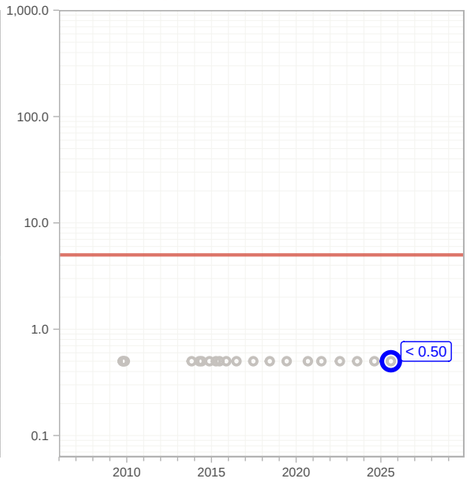
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

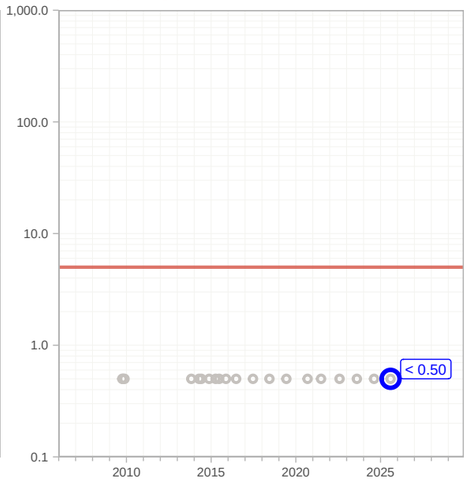
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

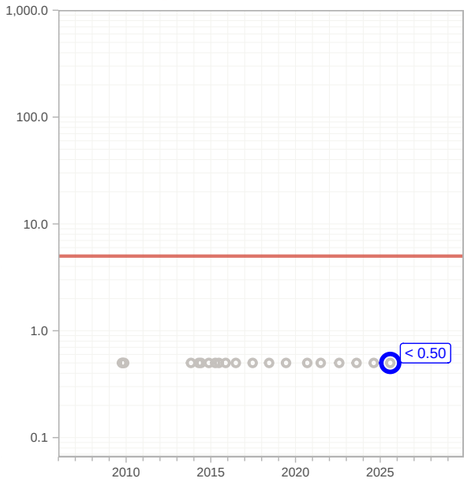
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



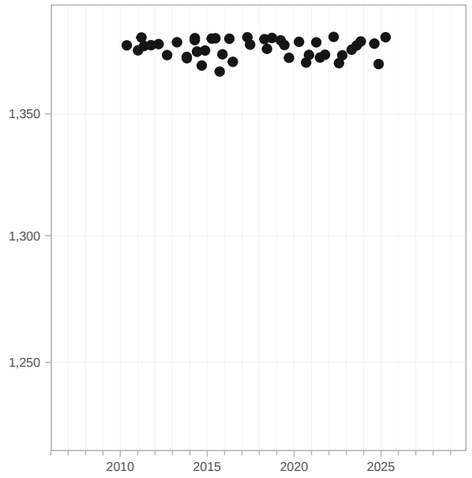
All | N = 20; ND = 20; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

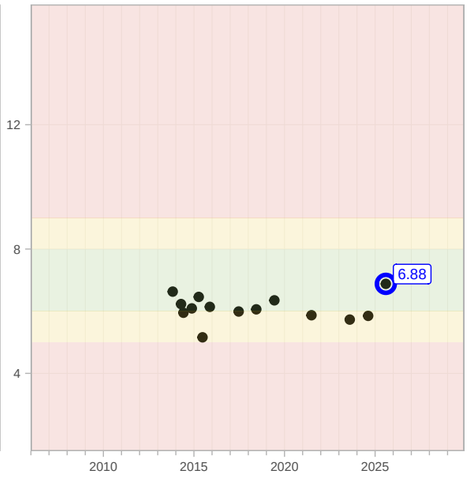
BP−32A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



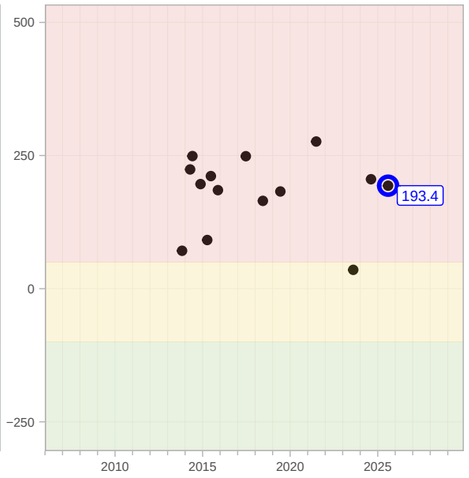
All | N = 45; ND = 0; %ND = 0; M−K = stable

pH (SU)



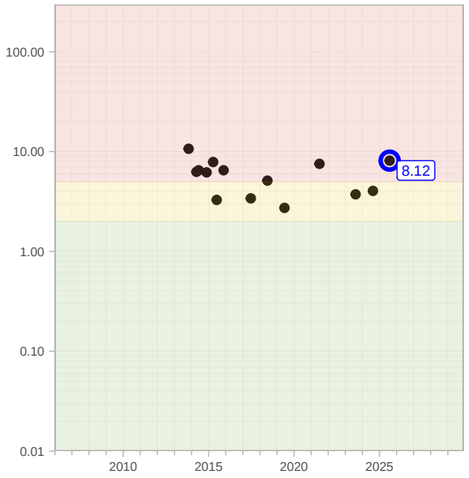
All | N = 14; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



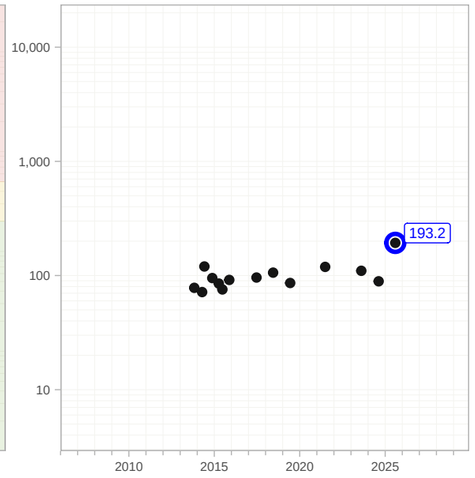
All | N = 14; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



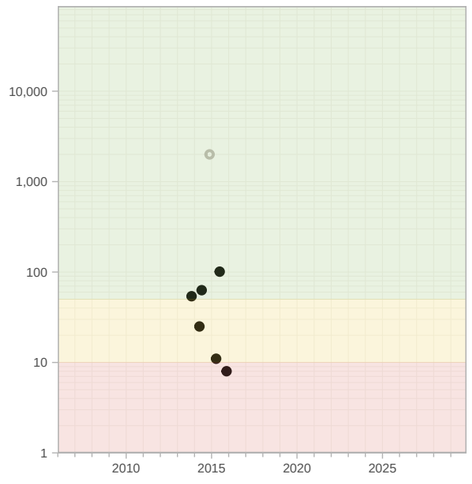
All | N = 14; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



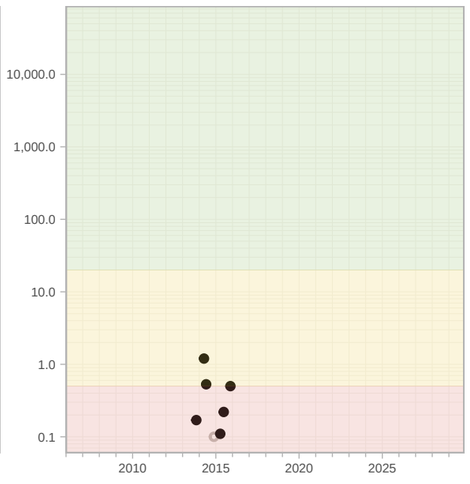
All | N = 14; ND = 0; %ND = 0; M−K = increasing

Sulfide (ug/L)



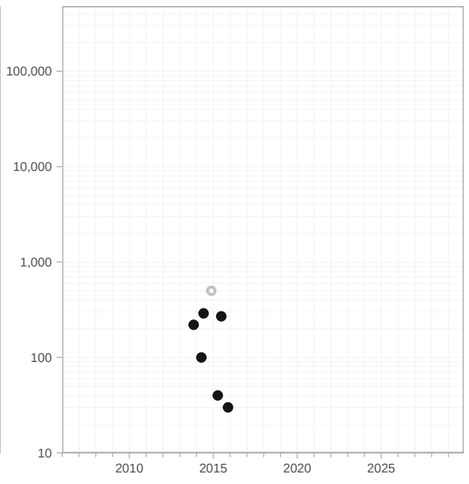
All | N = 7; ND = 1; %ND = 14.3; M−K = no trend

Methane (ug/L)



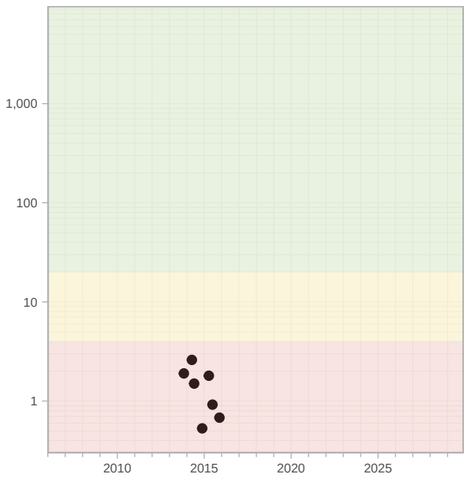
All | N = 7; ND = 1; %ND = 14.3; M−K = no trend

Iron − Ferrous (ug/L)



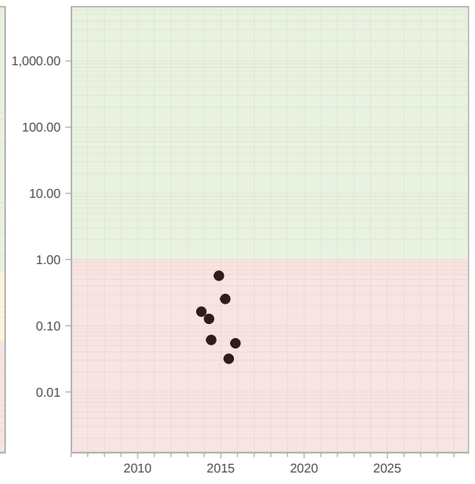
All | N = 7; ND = 1; %ND = 14.3; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 7; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 7; ND = 0; %ND = 0; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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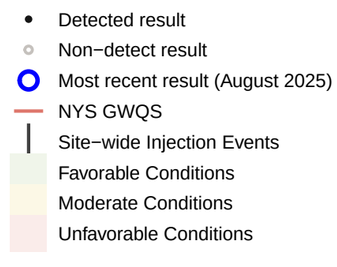
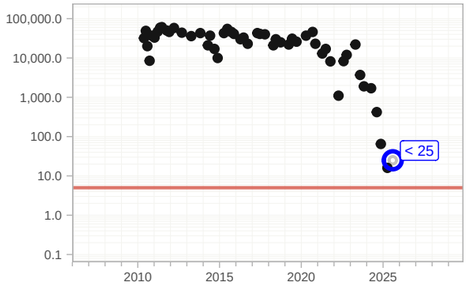
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−34A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

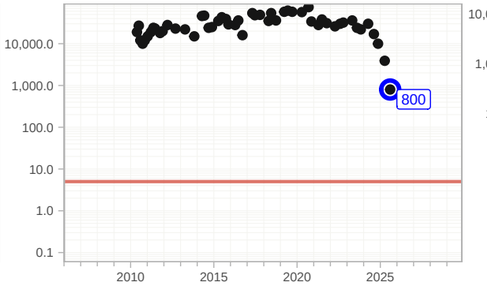
NYS GWQS = 5 ug/L



All | N = 52; ND = 1; %ND = 1.9; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

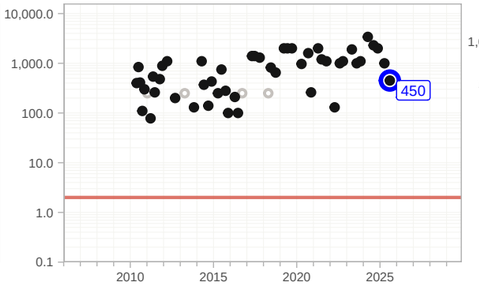
NYS GWQS = 5 ug/L



All | N = 52; ND = 0; %ND = 0; M−K = probably increasing

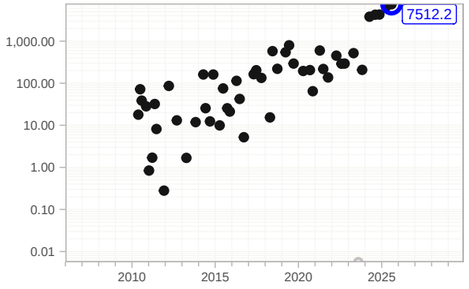
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



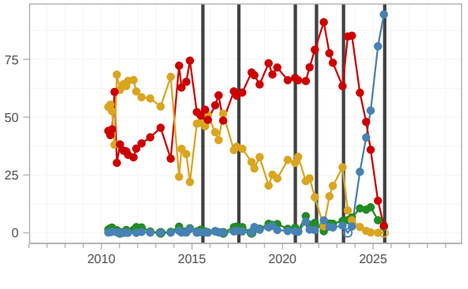
All | N = 52; ND = 4; %ND = 7.7; M−K = strong increasing

Ethane + Ethene (ug/L)



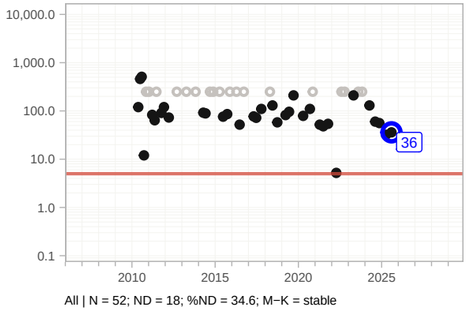
All | N = 50; ND = 1; %ND = 2; M−K = strong increasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

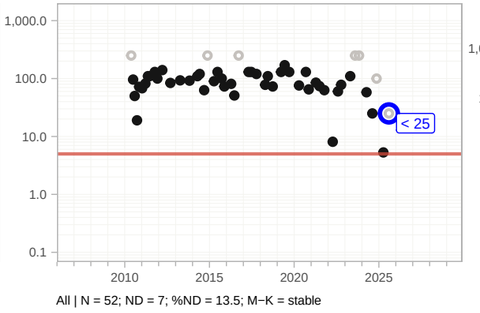
NYS GWQS = 5 ug/L



All | N = 52; ND = 18; %ND = 34.6; M−K = stable

Dichloroethene (1,1−) (ug/L)

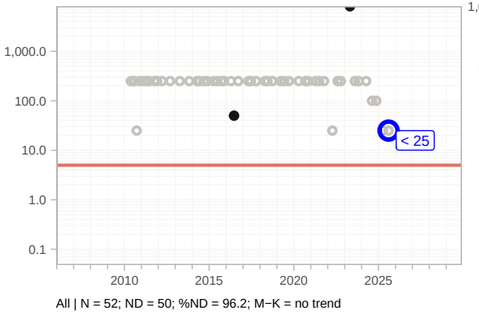
NYS GWQS = 5 ug/L



All | N = 52; ND = 7; %ND = 13.5; M−K = stable

Tetrachloroethene (PCE) (ug/L)

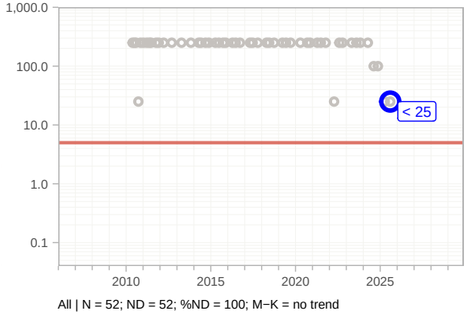
NYS GWQS = 5 ug/L



All | N = 52; ND = 50; %ND = 96.2; M−K = no trend

Carbon tetrachloride (ug/L)

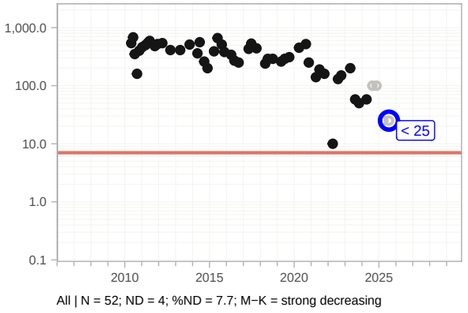
NYS GWQS = 5 ug/L



All | N = 52; ND = 52; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

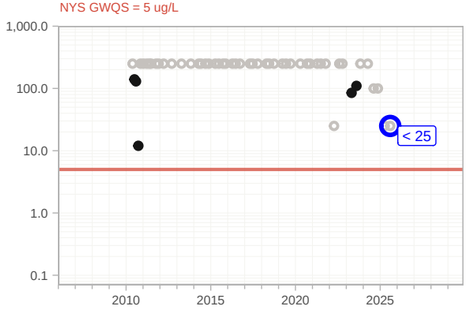
NYS GWQS = 7 ug/L



All | N = 52; ND = 4; %ND = 7.7; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

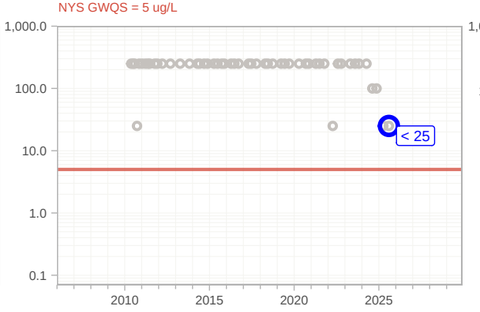
NYS GWQS = 5 ug/L



All | N = 52; ND = 47; %ND = 90.4; M−K = no trend

Chloromethane (ug/L)

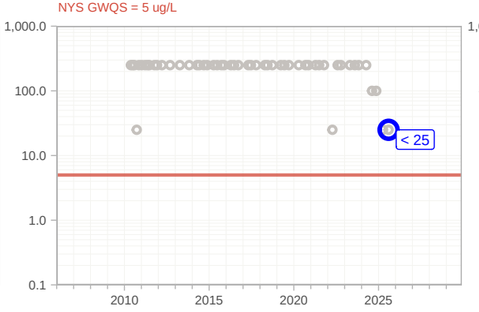
NYS GWQS = 5 ug/L



All | N = 52; ND = 52; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

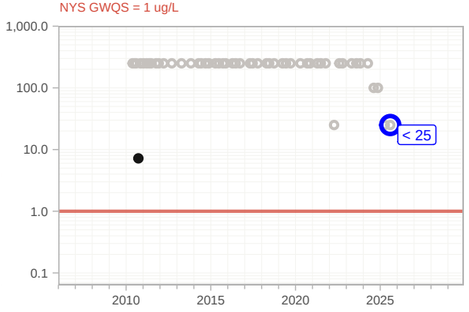
NYS GWQS = 5 ug/L



All | N = 52; ND = 52; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

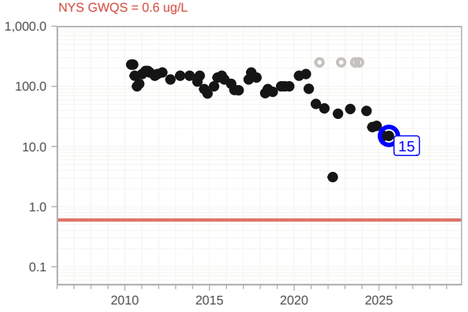
NYS GWQS = 1 ug/L



All | N = 52; ND = 51; %ND = 98.1; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 52; ND = 4; %ND = 7.7; M−K = strong decreasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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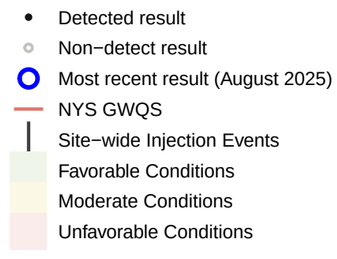
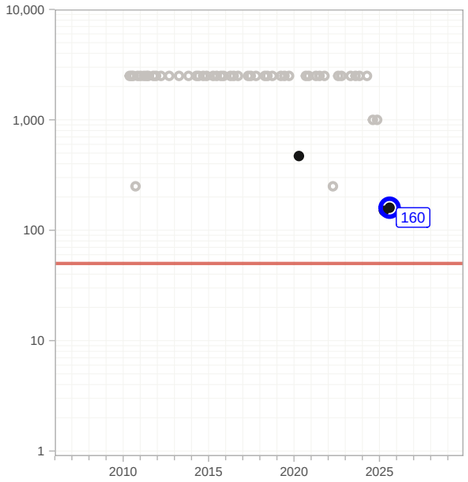


BP−34A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

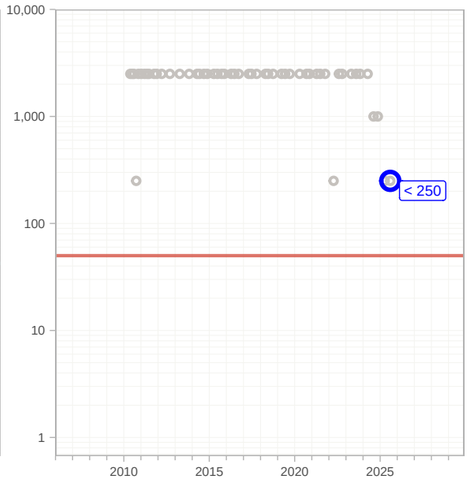
NYS GWQS = 50 ug/L



All | N = 52; ND = 49; %ND = 94.2; M−K = no trend

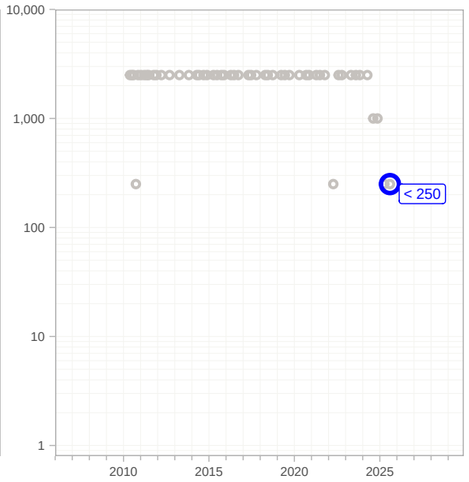
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 52; ND = 52; %ND = 100; M−K = no trend

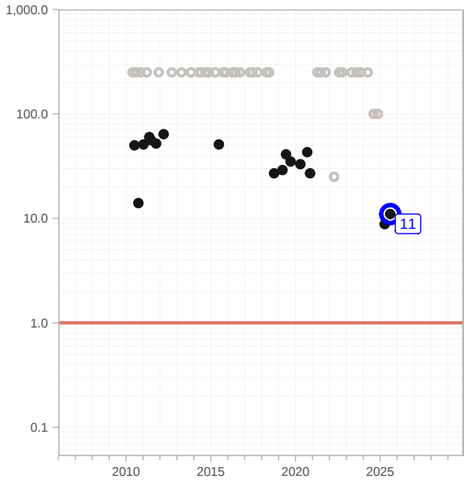
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 52; ND = 52; %ND = 100; M−K = no trend

Benzene (ug/L)

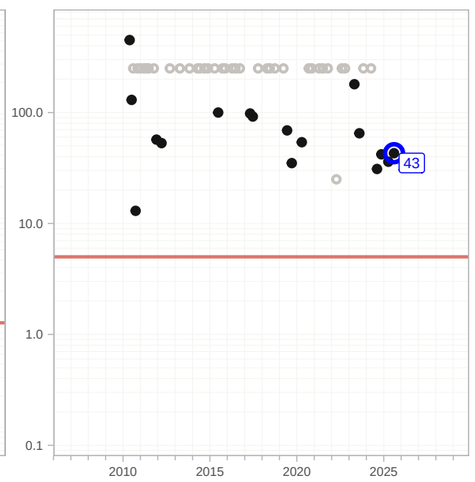
NYS GWQS = 1 ug/L



All | N = 52; ND = 35; %ND = 67.3; M−K = stable

Toluene (ug/L)

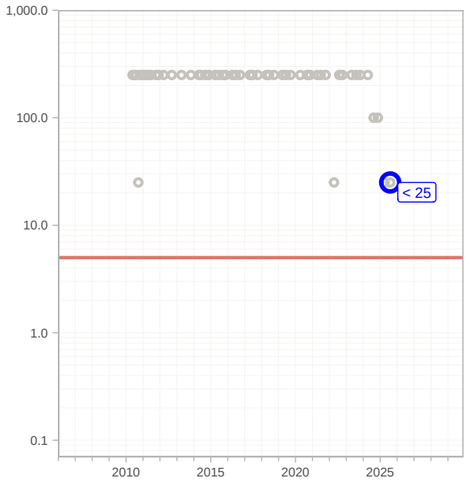
NYS GWQS = 5 ug/L



All | N = 52; ND = 35; %ND = 67.3; M−K = no trend

Ethylbenzene (ug/L)

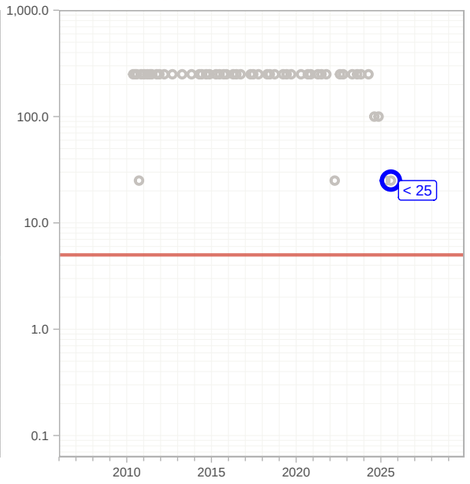
NYS GWQS = 5 ug/L



All | N = 52; ND = 52; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

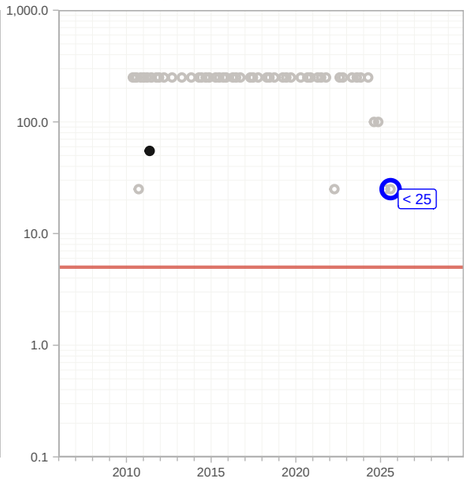
NYS GWQS = 5 ug/L



All | N = 52; ND = 52; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

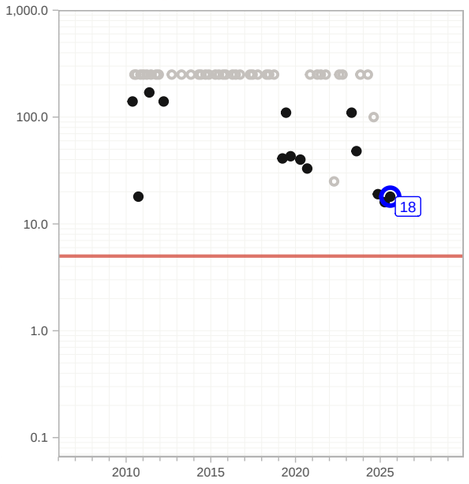
NYS GWQS = 5 ug/L



All | N = 52; ND = 51; %ND = 98.1; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 52; ND = 38; %ND = 73.1; M−K = no trend

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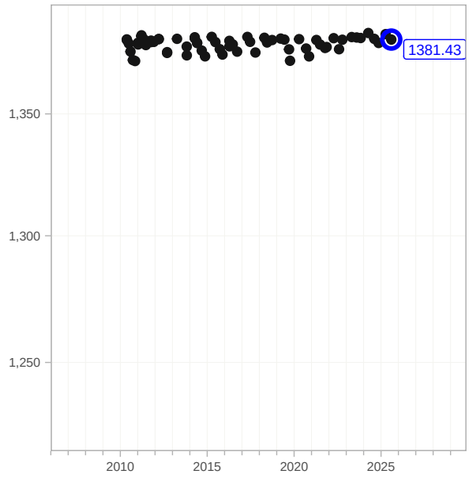
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

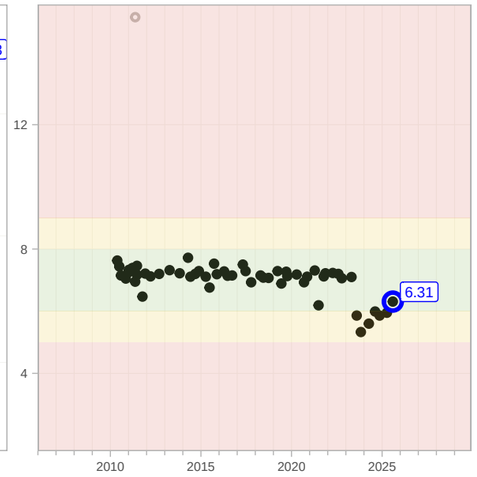
BP−34A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



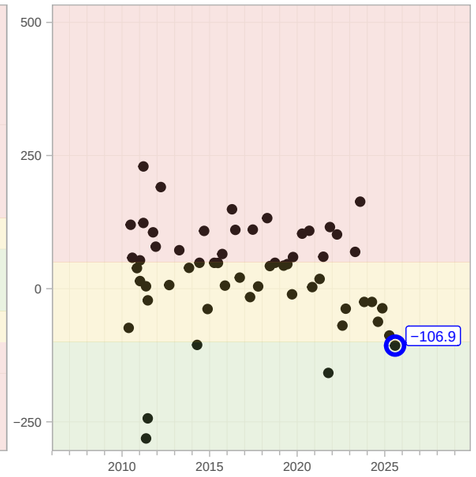
All | N = 65; ND = 0; %ND = 0; M−K = stable

pH (SU)



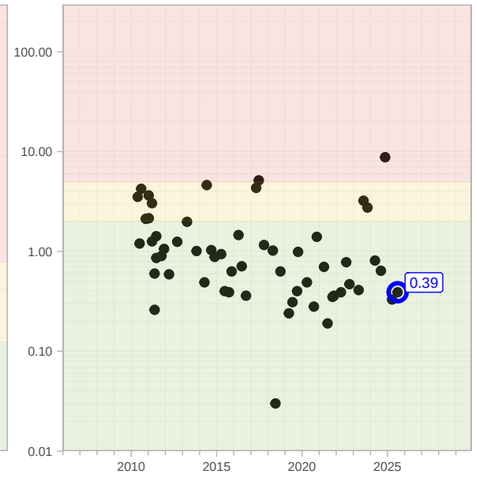
All | N = 57; ND = 1; %ND = 1.8; M−K = strong decreasing

Oxidation/Reduction Potential (mV)



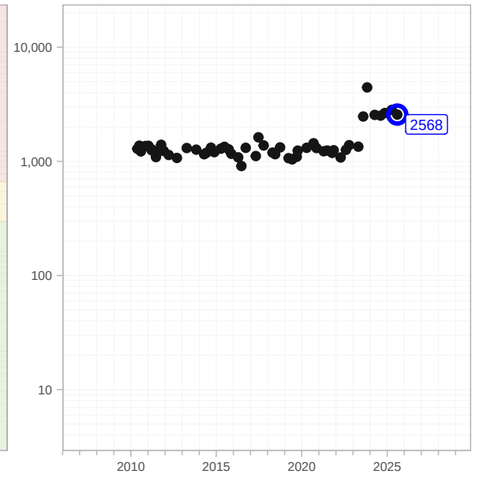
All | N = 57; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



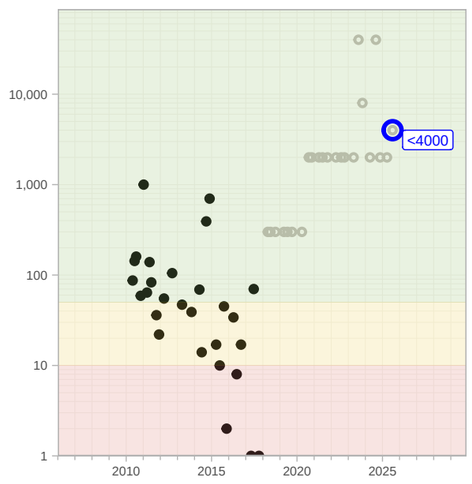
All | N = 57; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)



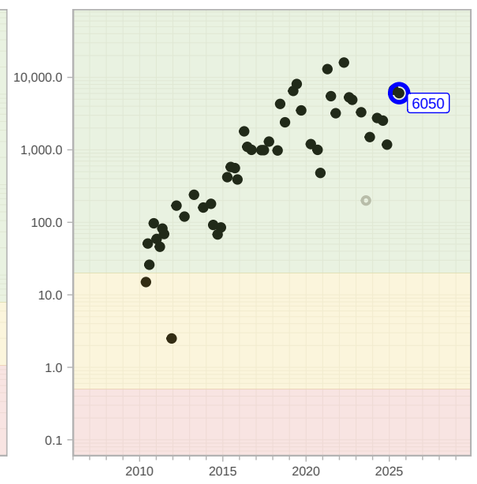
All | N = 57; ND = 0; %ND = 0; M−K = increasing

Sulfide (ug/L)



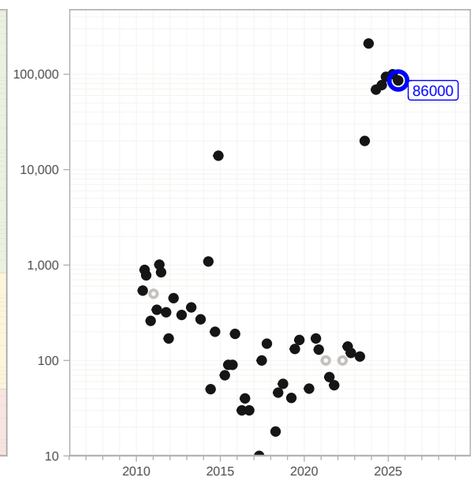
All | N = 51; ND = 23; %ND = 45.1; M−K = probably decreasing

Methane (ug/L)



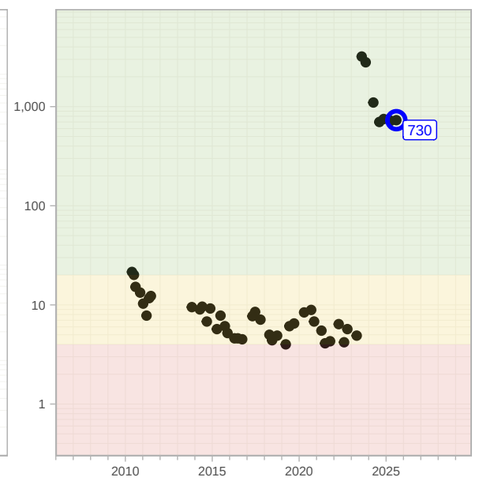
All | N = 50; ND = 1; %ND = 2; M−K = strong increasing

Iron − Ferrous (ug/L)



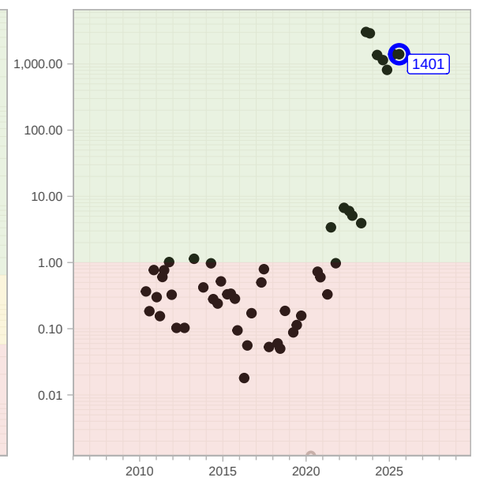
All | N = 51; ND = 3; %ND = 5.9; M−K = no trend

Total Organic Carbon (mg/L)



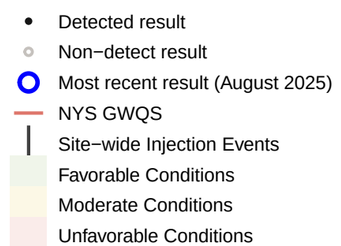
All | N = 46; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 50; ND = 1; %ND = 2; M−K = strong increasing

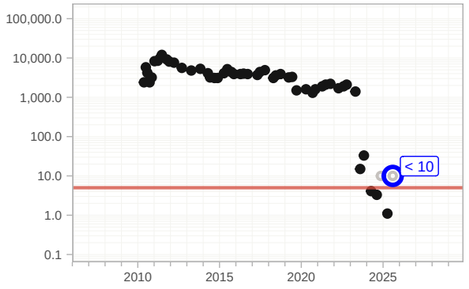
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−35A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

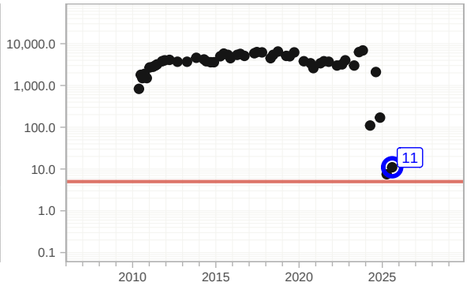
NYS GWQS = 5 ug/L



All | N = 52; ND = 2; %ND = 3.9; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

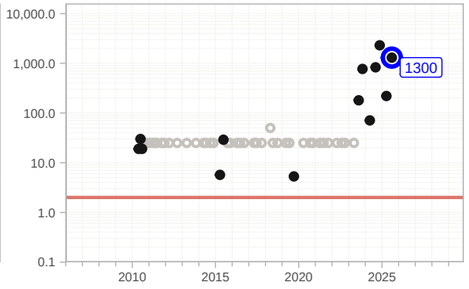
NYS GWQS = 5 ug/L



All | N = 52; ND = 0; %ND = 0; M−K = stable

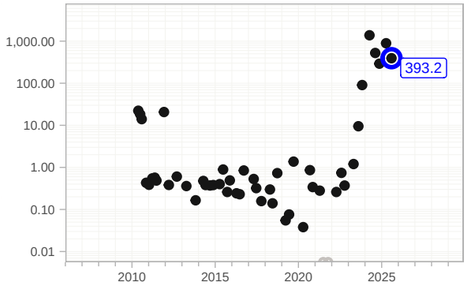
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



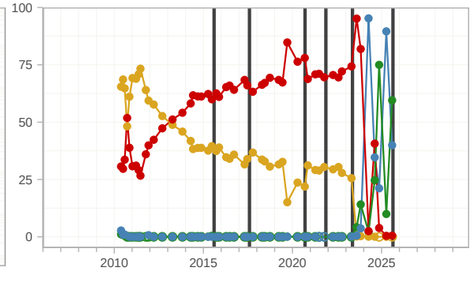
All | N = 52; ND = 39; %ND = 75; M−K = strong increasing

Ethane + Ethene (ug/L)



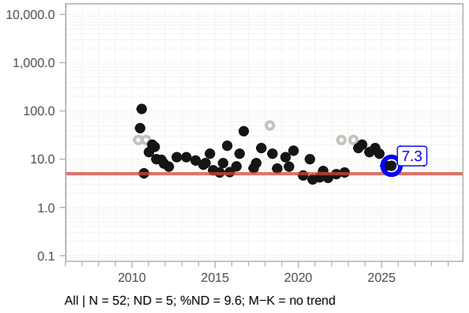
All | N = 50; ND = 2; %ND = 4; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

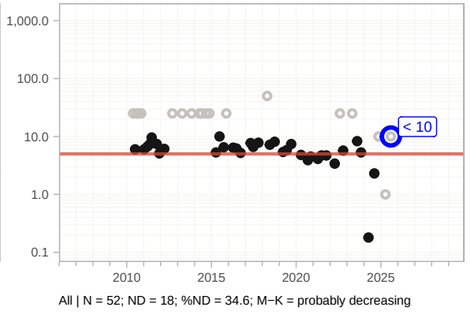
NYS GWQS = 5 ug/L



All | N = 52; ND = 5; %ND = 9.6; M−K = no trend

Dichloroethene (1,1−) (ug/L)

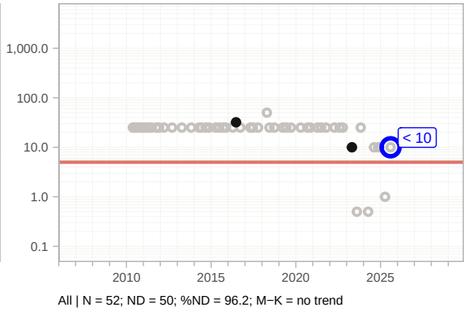
NYS GWQS = 5 ug/L



All | N = 52; ND = 18; %ND = 34.6; M−K = probably decreasing

Tetrachloroethene (PCE) (ug/L)

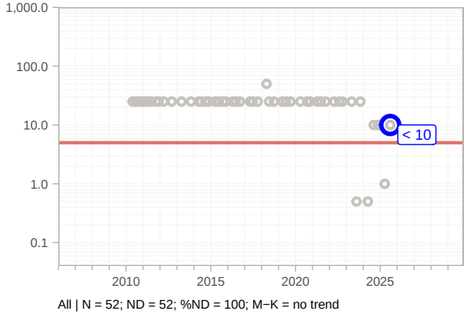
NYS GWQS = 5 ug/L



All | N = 52; ND = 50; %ND = 96.2; M−K = no trend

Carbon tetrachloride (ug/L)

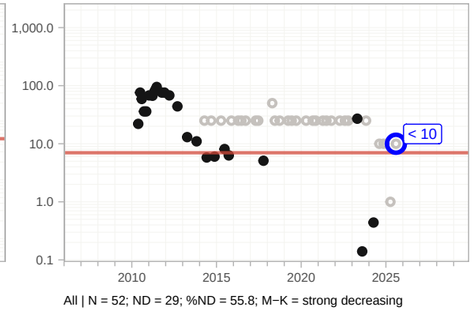
NYS GWQS = 5 ug/L



All | N = 52; ND = 52; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

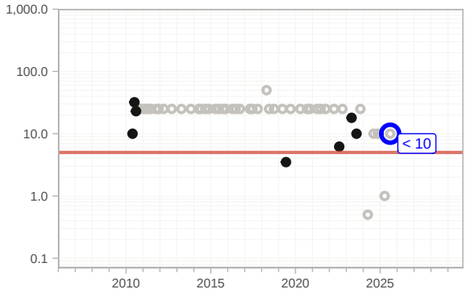
NYS GWQS = 7 ug/L



All | N = 52; ND = 29; %ND = 55.8; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

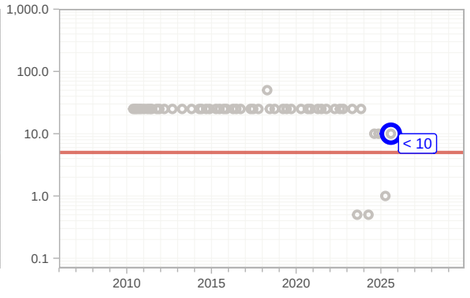
NYS GWQS = 5 ug/L



All | N = 52; ND = 45; %ND = 86.5; M−K = no trend

Chloromethane (ug/L)

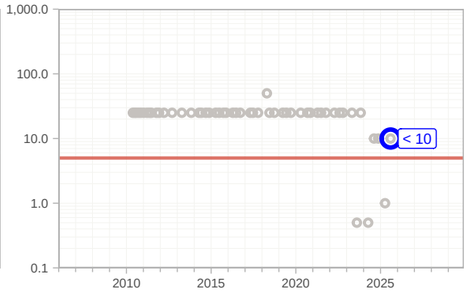
NYS GWQS = 5 ug/L



All | N = 52; ND = 52; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

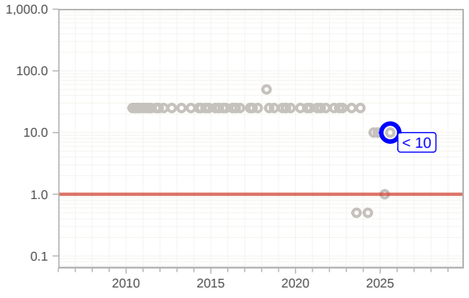
NYS GWQS = 5 ug/L



All | N = 52; ND = 52; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

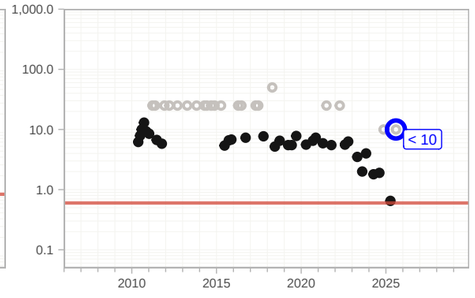
NYS GWQS = 1 ug/L



All | N = 52; ND = 52; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 52; ND = 21; %ND = 40.4; M−K = decreasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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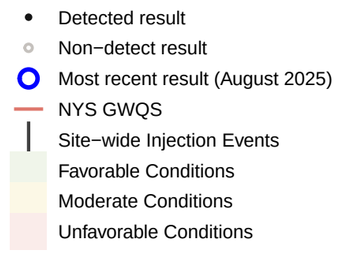
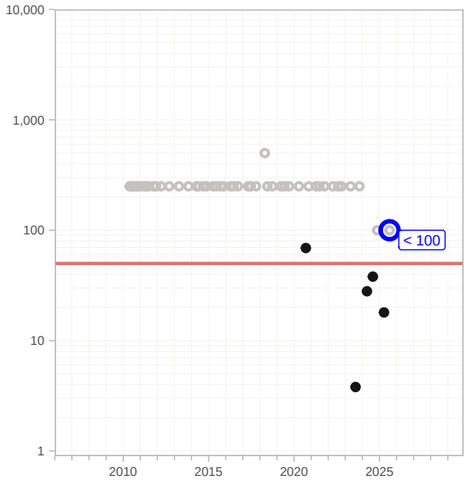
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−35A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

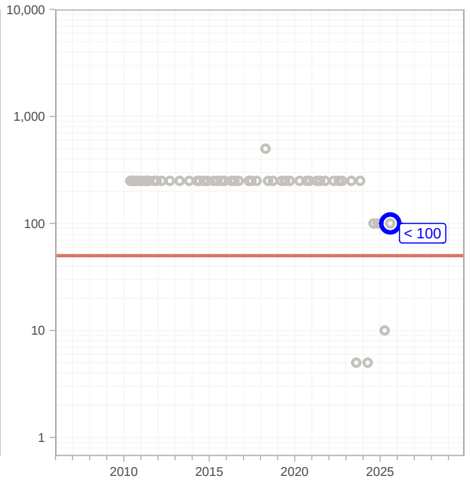
NYS GWQS = 50 ug/L



All | N = 52; ND = 47; %ND = 90.4; M−K = no trend

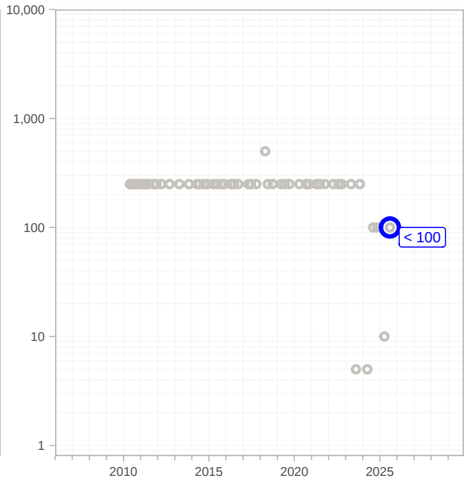
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 52; ND = 52; %ND = 100; M−K = no trend

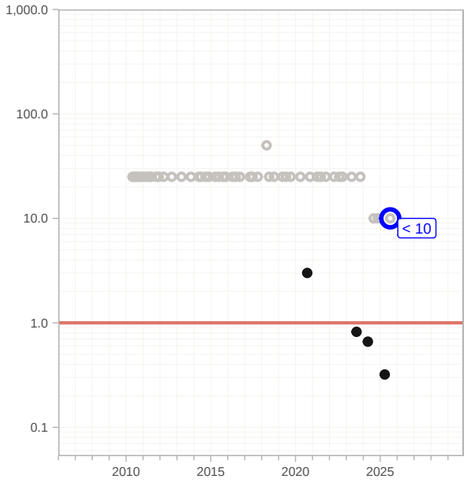
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 52; ND = 52; %ND = 100; M−K = no trend

Benzene (ug/L)

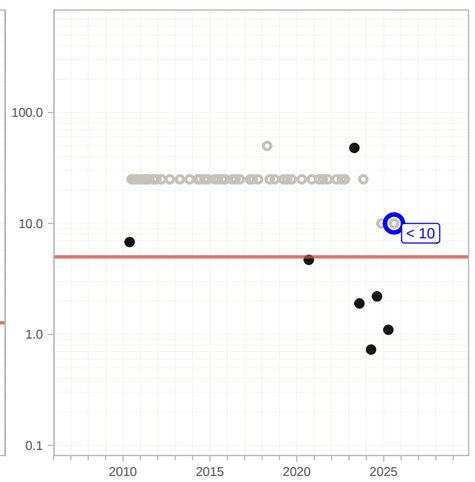
NYS GWQS = 1 ug/L



All | N = 52; ND = 48; %ND = 92.3; M−K = no trend

Toluene (ug/L)

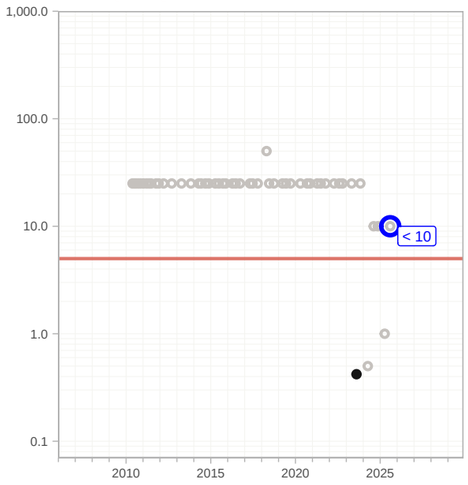
NYS GWQS = 5 ug/L



All | N = 52; ND = 45; %ND = 86.5; M−K = no trend

Ethylbenzene (ug/L)

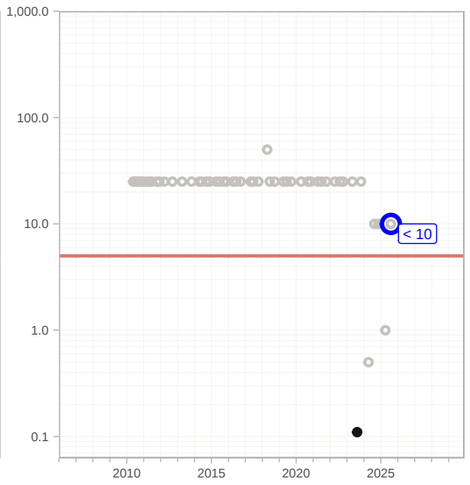
NYS GWQS = 5 ug/L



All | N = 52; ND = 51; %ND = 98.1; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

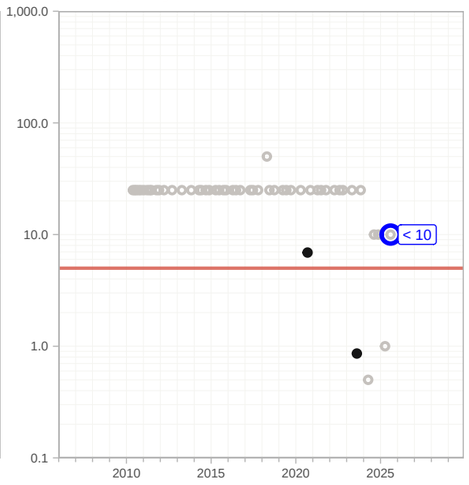
NYS GWQS = 5 ug/L



All | N = 52; ND = 51; %ND = 98.1; M−K = no trend

Xylene (m,p−) (ug/L)

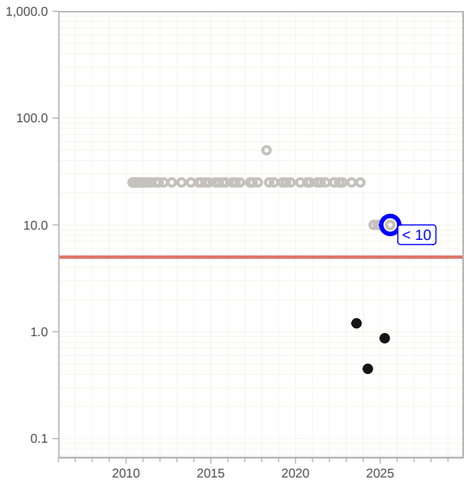
NYS GWQS = 5 ug/L



All | N = 52; ND = 50; %ND = 96.2; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 52; ND = 49; %ND = 94.2; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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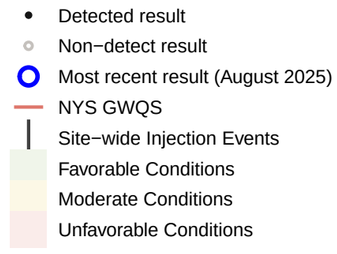
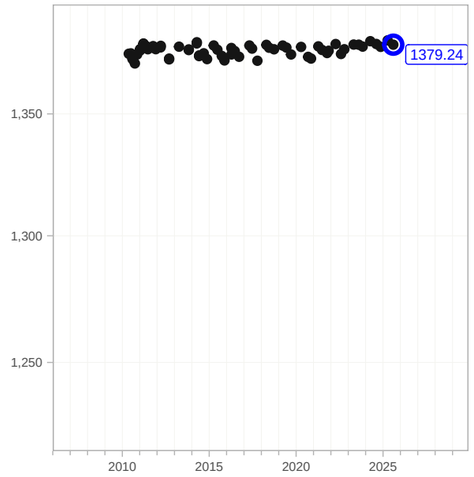
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



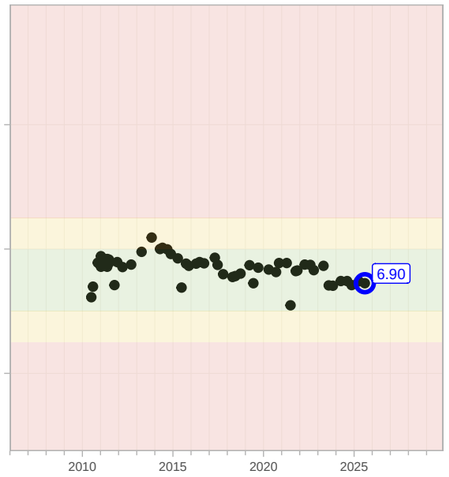
BP−35A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



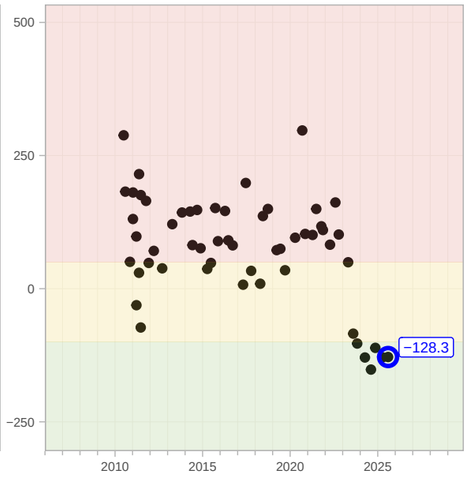
All | N = 63; ND = 0; %ND = 0; M−K = increasing

pH (SU)



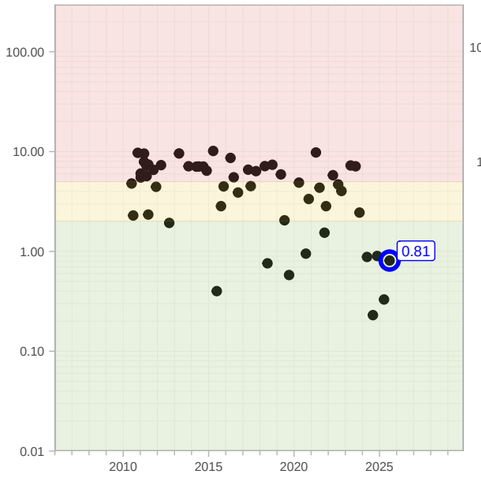
All | N = 55; ND = 0; %ND = 0; M−K = strong decreasing

Oxidation/Reduction Potential (mV)



All | N = 55; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)

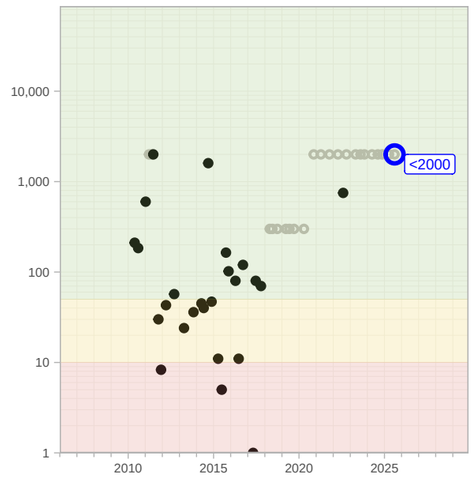


All | N = 55; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)

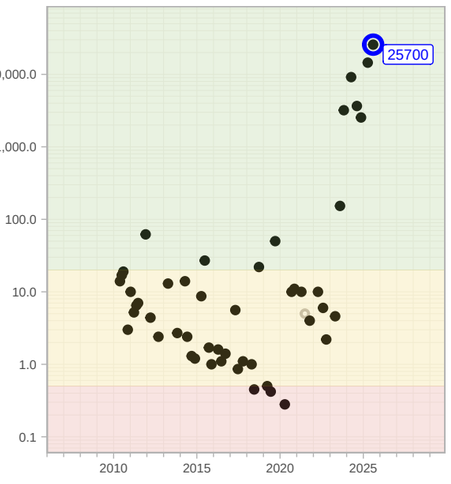
All | N = 55; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



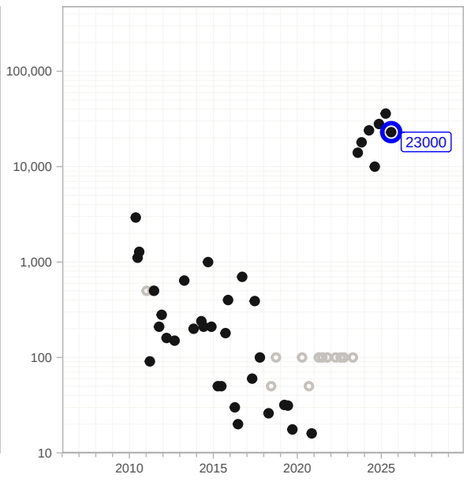
All | N = 47; ND = 22; %ND = 46.8; M−K = no trend

Methane (ug/L)



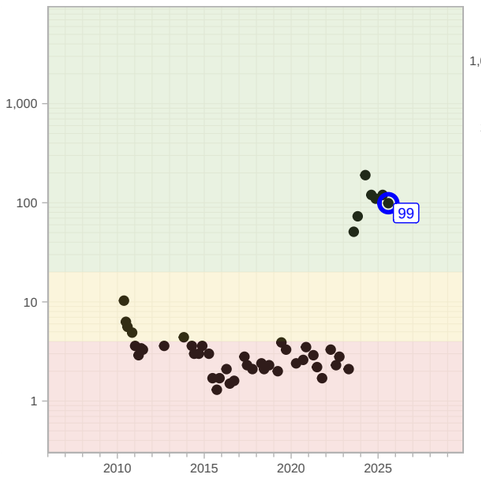
All | N = 50; ND = 1; %ND = 2; M−K = no trend

Iron − Ferrous (ug/L)



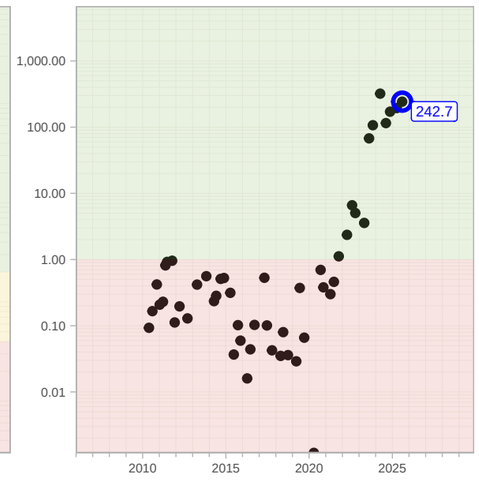
All | N = 50; ND = 13; %ND = 26; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 47; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 50; ND = 0; %ND = 0; M−K = strong increasing

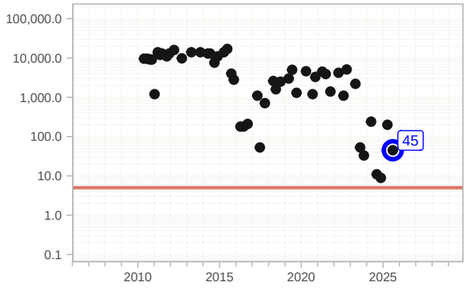
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

Detected result
Non−detect result
Most recent result (August 2025)
NYS GWQS
Site−wide Injection Events
Favorable Conditions
Moderate Conditions
Unfavorable Conditions

BP−36A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

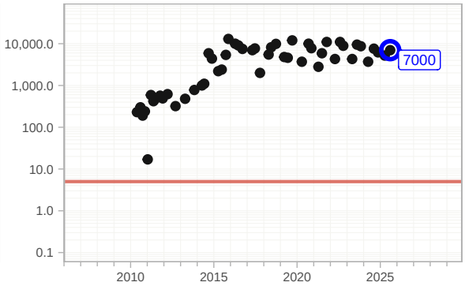
NYS GWQS = 5 ug/L



All | N = 51; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

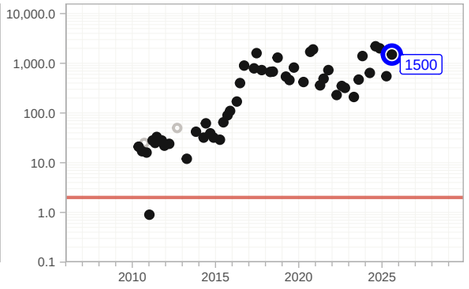
NYS GWQS = 5 ug/L



All | N = 51; ND = 0; %ND = 0; M−K = strong increasing

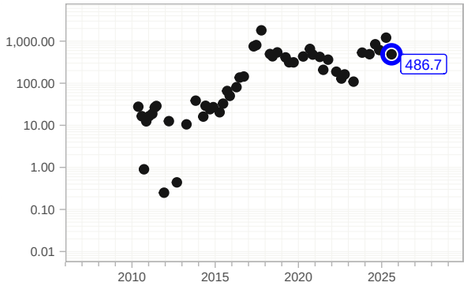
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



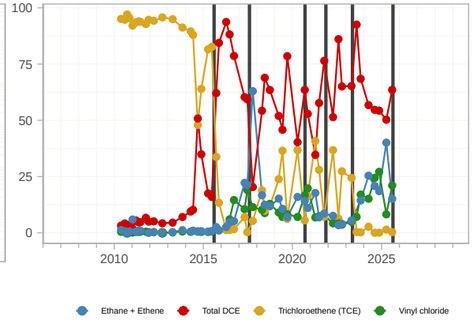
All | N = 51; ND = 2; %ND = 3.9; M−K = strong increasing

Ethane + Ethene (ug/L)



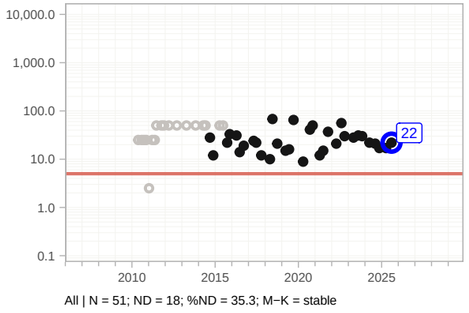
All | N = 49; ND = 0; %ND = 0; M−K = strong increasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

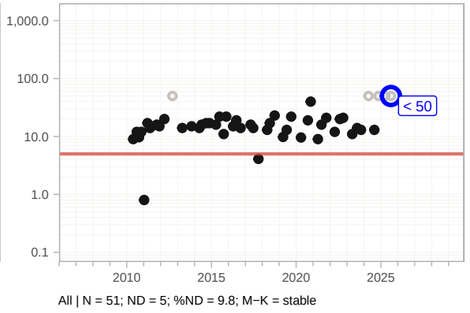
NYS GWQS = 5 ug/L



All | N = 51; ND = 18; %ND = 35.3; M−K = stable

Dichloroethene (1,1−) (ug/L)

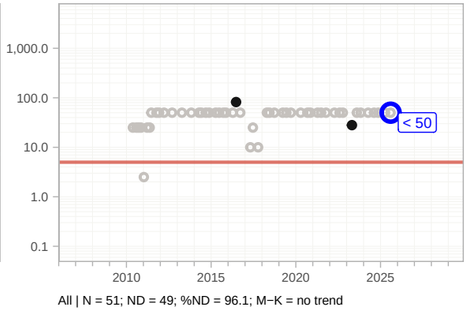
NYS GWQS = 5 ug/L



All | N = 51; ND = 5; %ND = 9.8; M−K = stable

Tetrachloroethene (PCE) (ug/L)

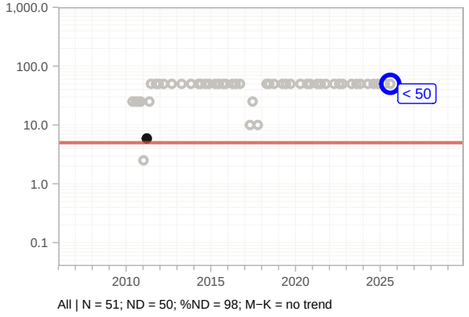
NYS GWQS = 5 ug/L



All | N = 51; ND = 49; %ND = 96.1; M−K = no trend

Carbon tetrachloride (ug/L)

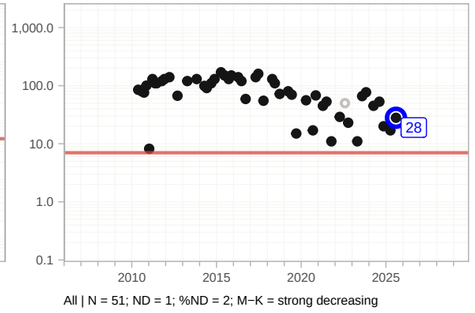
NYS GWQS = 5 ug/L



All | N = 51; ND = 50; %ND = 98; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

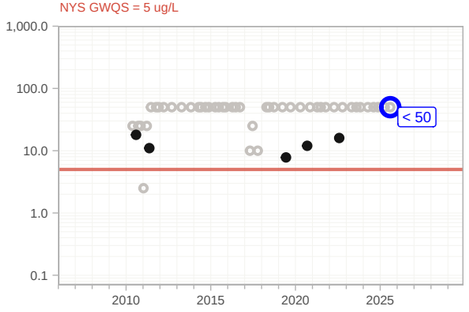
NYS GWQS = 7 ug/L



All | N = 51; ND = 1; %ND = 2; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

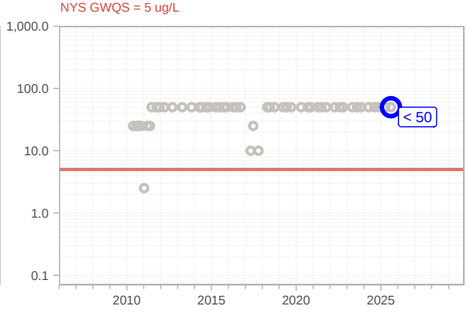
NYS GWQS = 5 ug/L



All | N = 51; ND = 46; %ND = 90.2; M−K = stable

Chloromethane (ug/L)

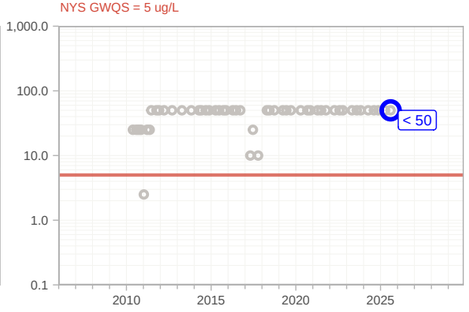
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

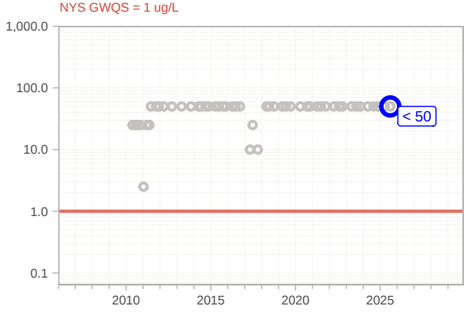
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

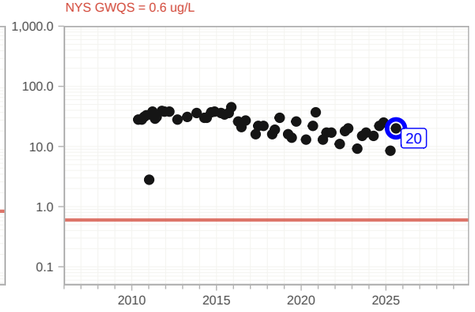
NYS GWQS = 1 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 51; ND = 0; %ND = 0; M−K = strong decreasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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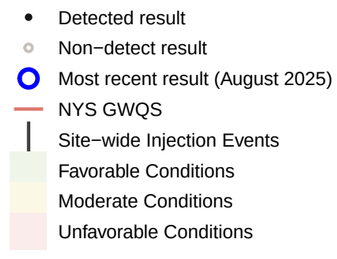
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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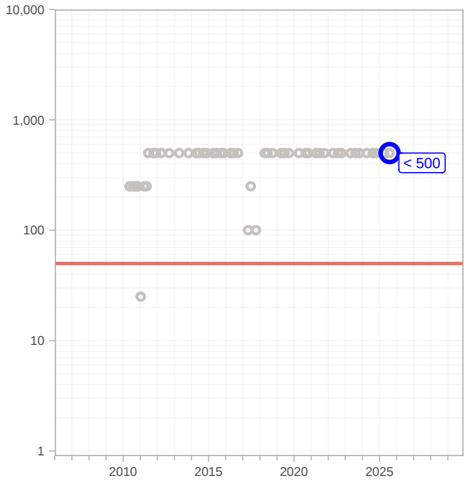
Acetone (ug/L)

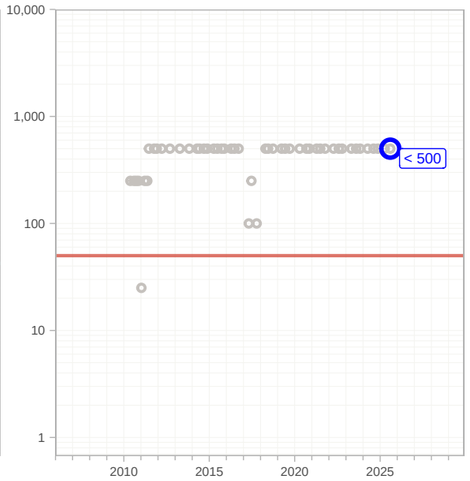
NYS GWQS = 50 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

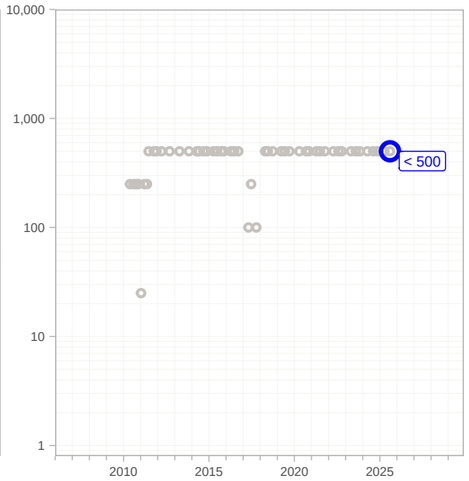
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

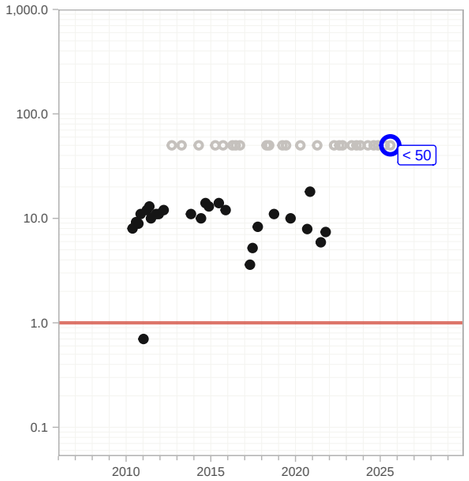
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Benzene (ug/L)

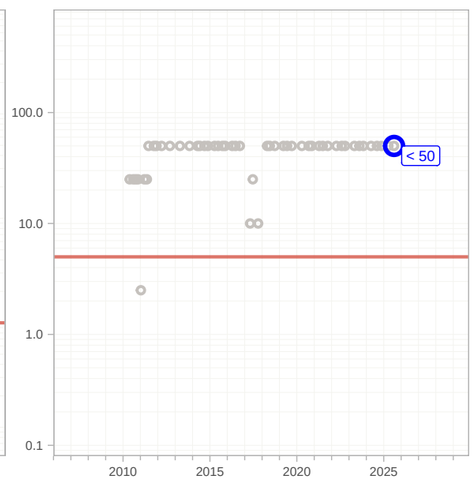
NYS GWQS = 1 ug/L



All | N = 51; ND = 25; %ND = 49; M−K = stable

Toluene (ug/L)

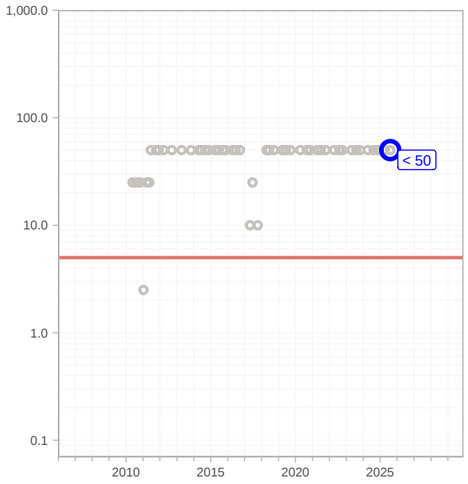
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)

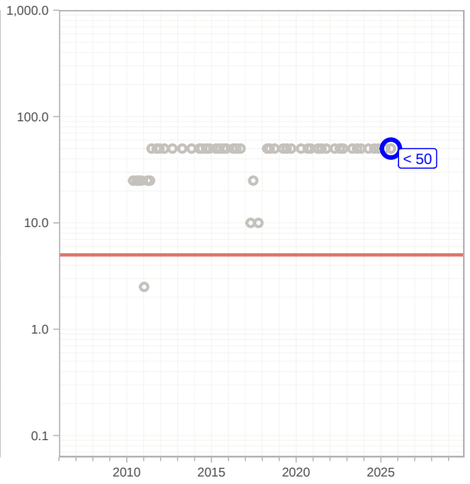
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

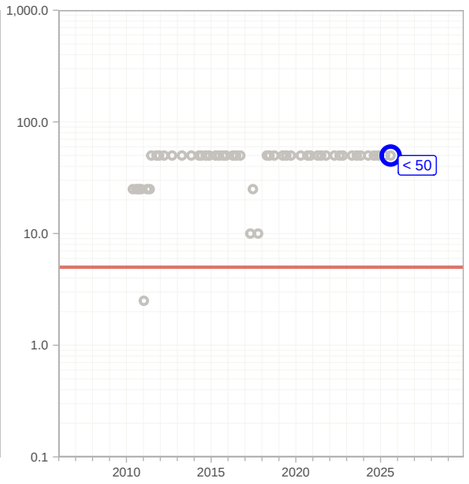
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

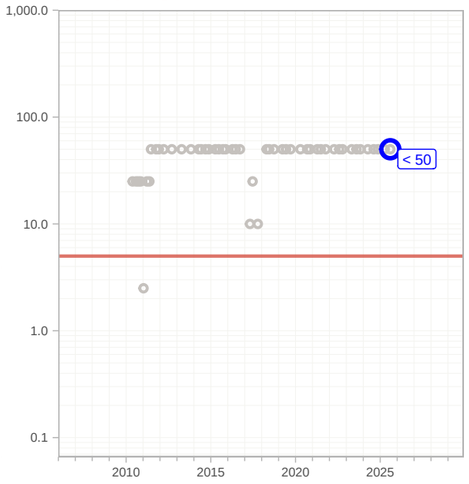
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
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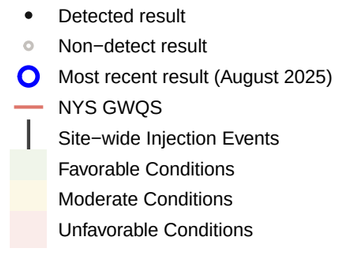
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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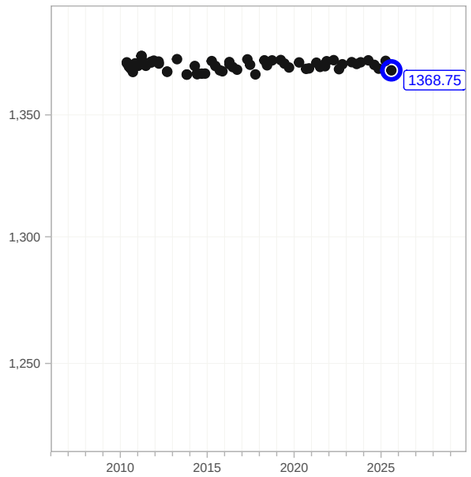
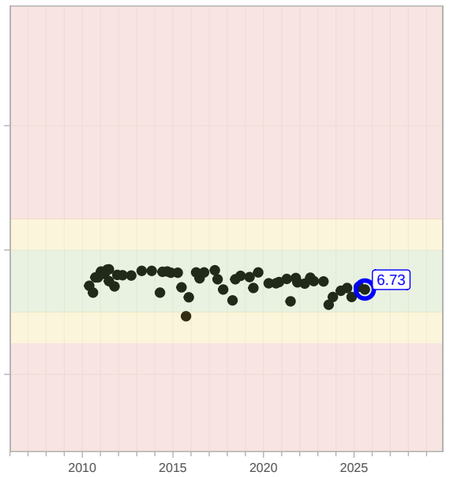
Groundwater Elevation (ft amsl)



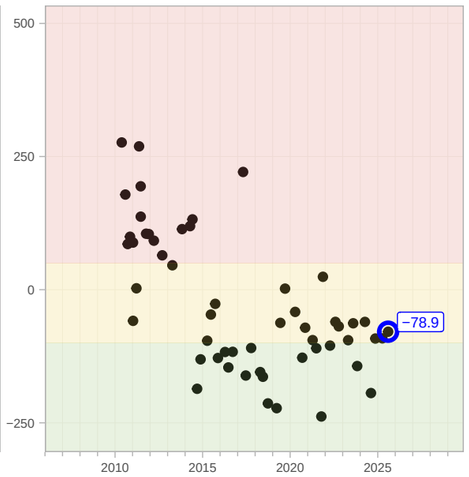
All | N = 63; ND = 0; %ND = 0; M−K = stable

pH (SU)



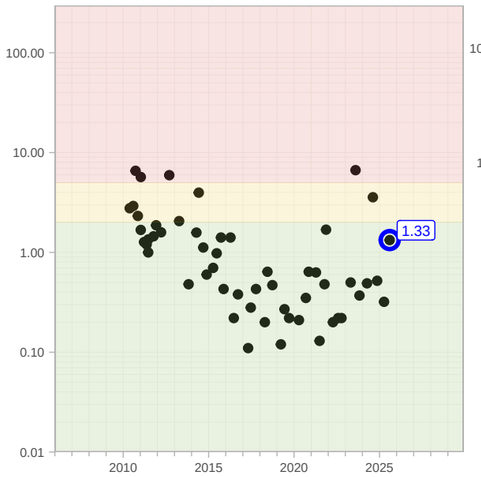
All | N = 54; ND = 0; %ND = 0; M−K = strong decreasing

Oxidation/Reduction Potential (mV)



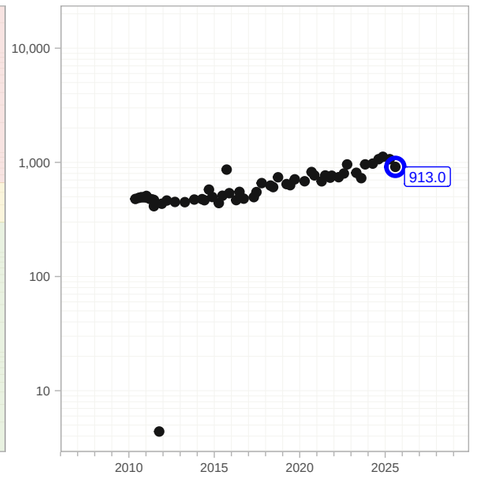
All | N = 54; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



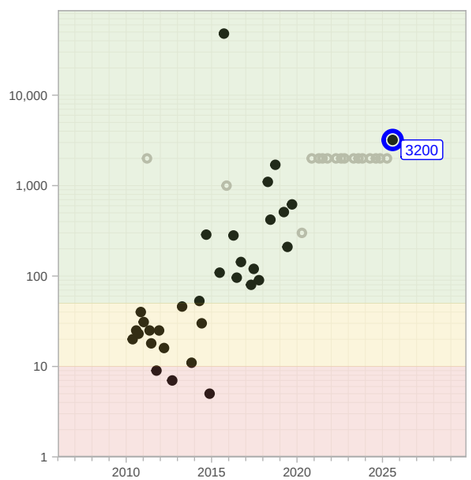
All | N = 54; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)



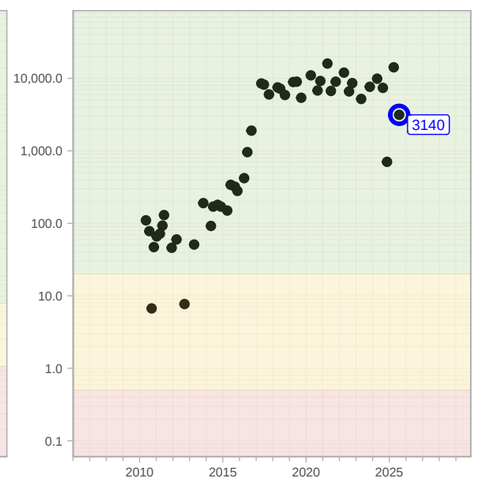
All | N = 54; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



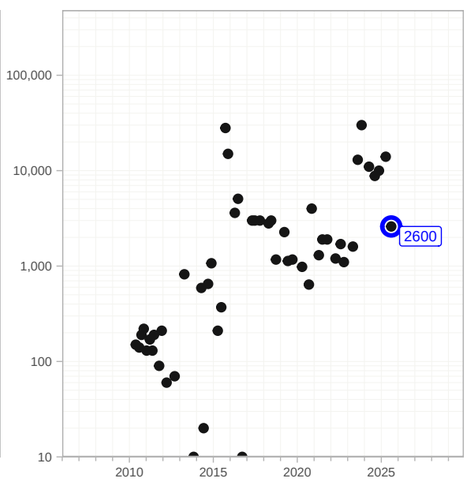
All | N = 49; ND = 17; %ND = 34.7; M−K = increasing

Methane (ug/L)



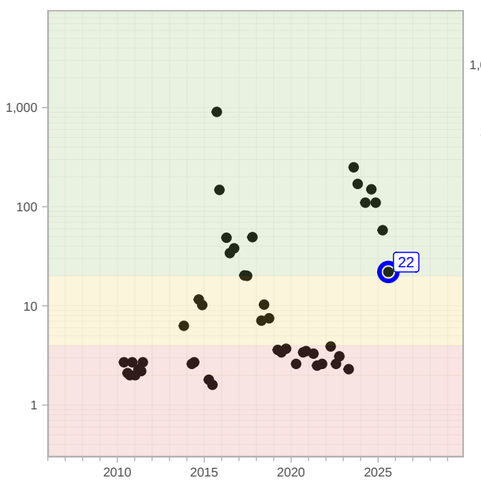
All | N = 49; ND = 0; %ND = 0; M−K = strong increasing

Iron − Ferrous (ug/L)



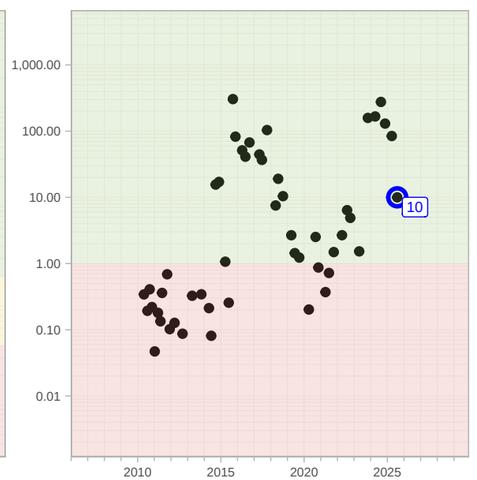
All | N = 51; ND = 0; %ND = 0; M−K = strong increasing

Total Organic Carbon (mg/L)



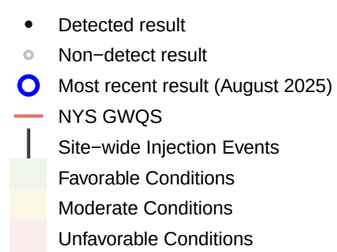
All | N = 46; ND = 0; %ND = 0; M−K = increasing

Total Volatile Fatty Acids (mg/L)



All | N = 50; ND = 0; %ND = 0; M−K = strong increasing

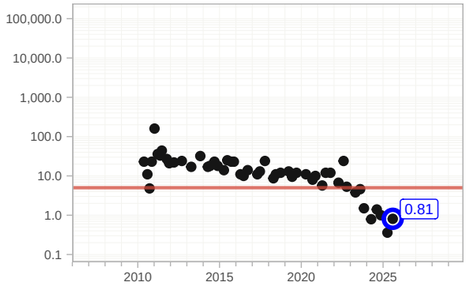
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−37A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

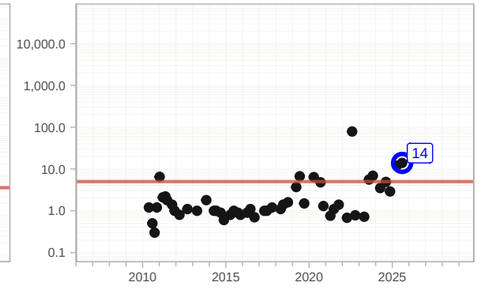
NYS GWQS = 5 ug/L



All | N = 51; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

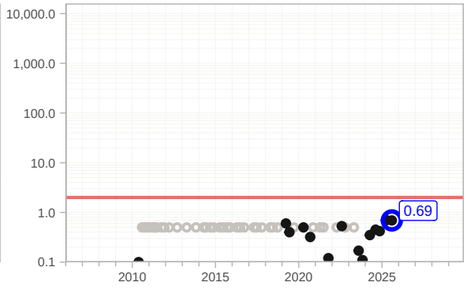
NYS GWQS = 5 ug/L



All | N = 51; ND = 0; %ND = 0; M−K = increasing

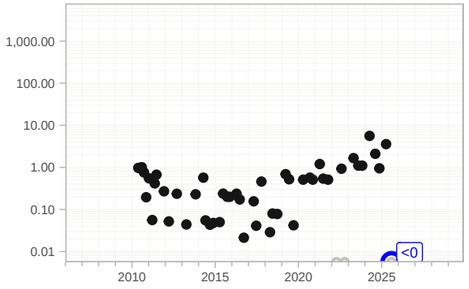
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



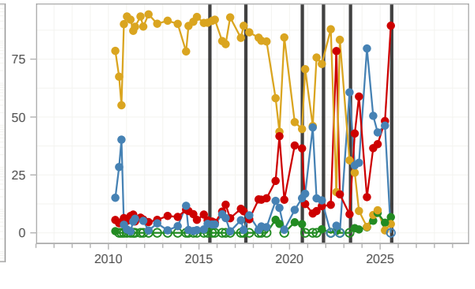
All | N = 51; ND = 37; %ND = 72.5; M−K = probably increasing

Ethane + Ethene (ug/L)



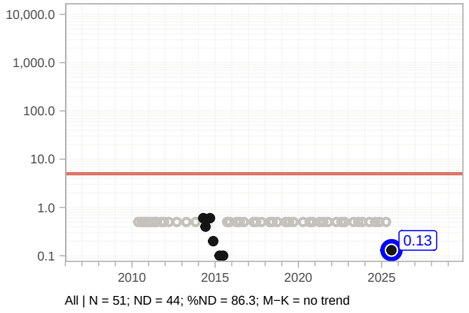
All | N = 50; ND = 3; %ND = 6; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

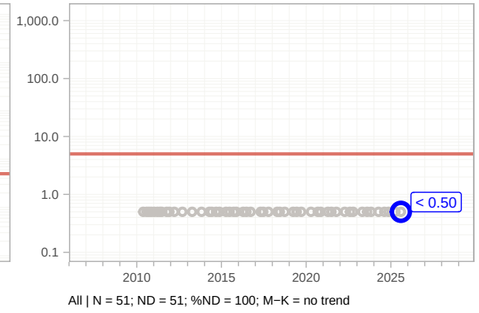
NYS GWQS = 5 ug/L



All | N = 51; ND = 44; %ND = 86.3; M−K = no trend

Dichloroethene (1,1−) (ug/L)

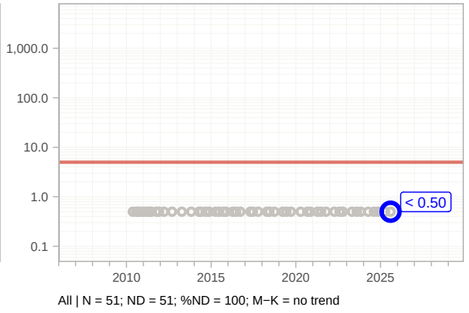
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

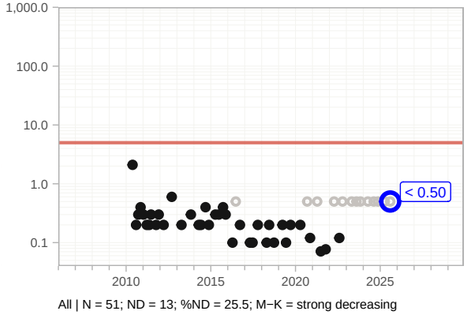
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

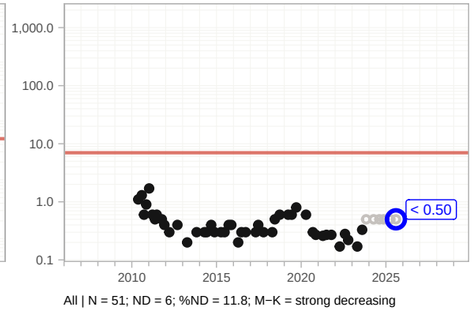
NYS GWQS = 5 ug/L



All | N = 51; ND = 13; %ND = 25.5; M−K = strong decreasing

Chloroform (Trichloromethane) (ug/L)

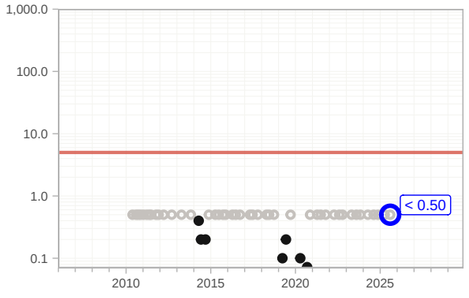
NYS GWQS = 7 ug/L



All | N = 51; ND = 6; %ND = 11.8; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

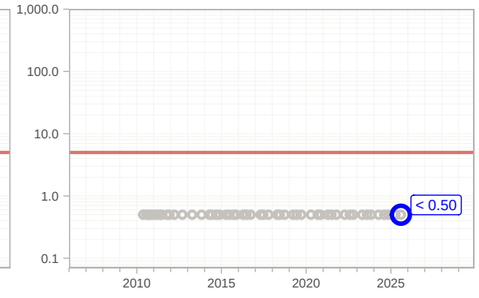
NYS GWQS = 5 ug/L



All | N = 51; ND = 44; %ND = 86.3; M−K = no trend

Chloromethane (ug/L)

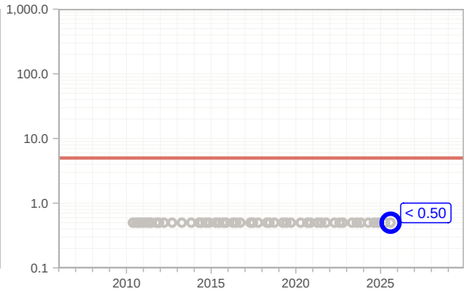
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

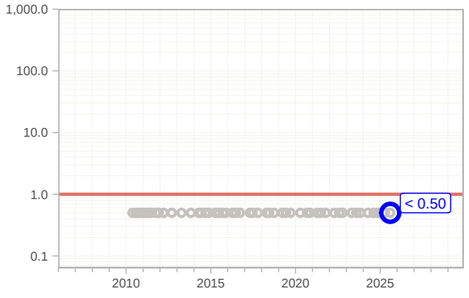
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

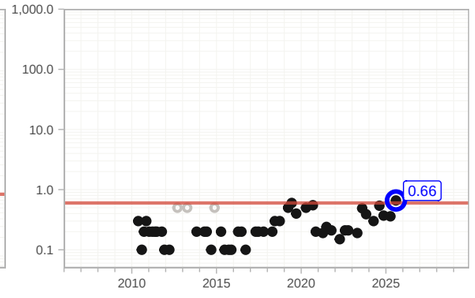
NYS GWQS = 1 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 51; ND = 3; %ND = 5.9; M−K = strong increasing

Notes:
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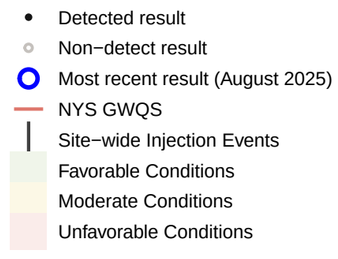

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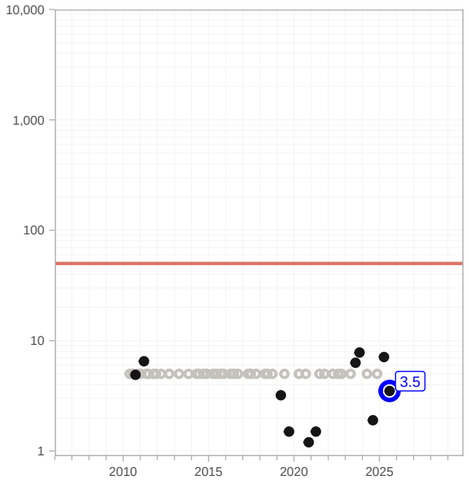
Acetone (ug/L)

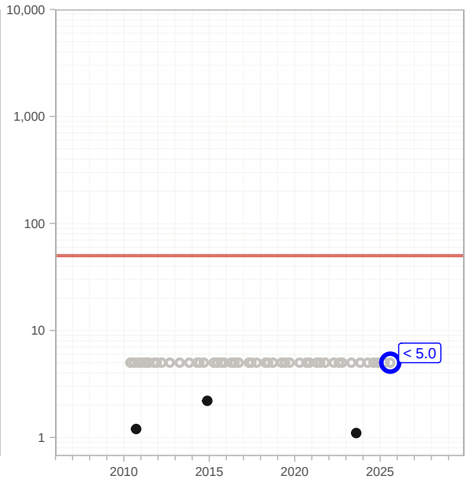
NYS GWQS = 50 ug/L



All | N = 51; ND = 40; %ND = 78.4; M−K = no trend

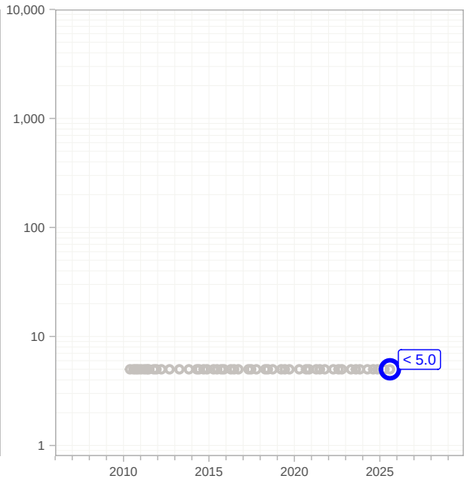
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 51; ND = 48; %ND = 94.1; M−K = no trend

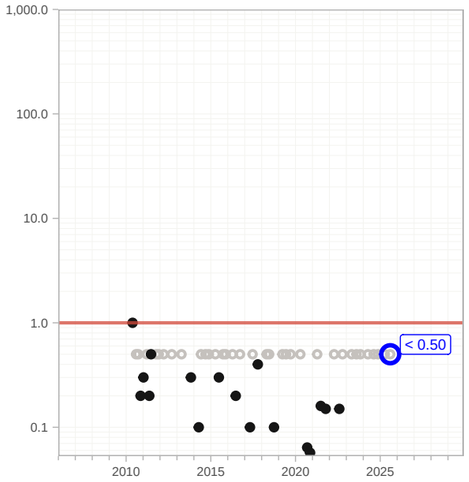
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Benzene (ug/L)

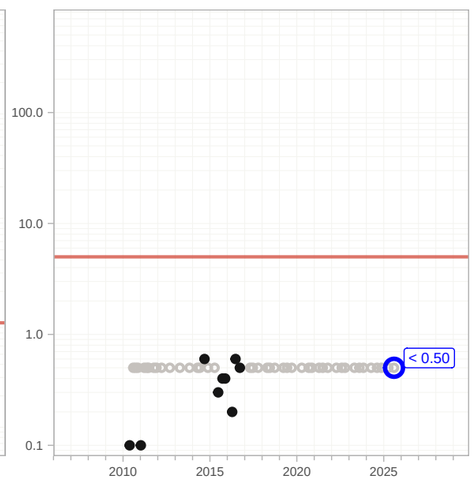
NYS GWQS = 1 ug/L



All | N = 51; ND = 34; %ND = 66.7; M−K = no trend

Toluene (ug/L)

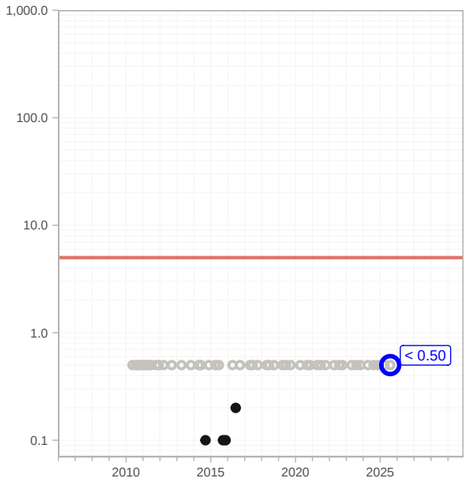
NYS GWQS = 5 ug/L



All | N = 51; ND = 42; %ND = 82.4; M−K = no trend

Ethylbenzene (ug/L)

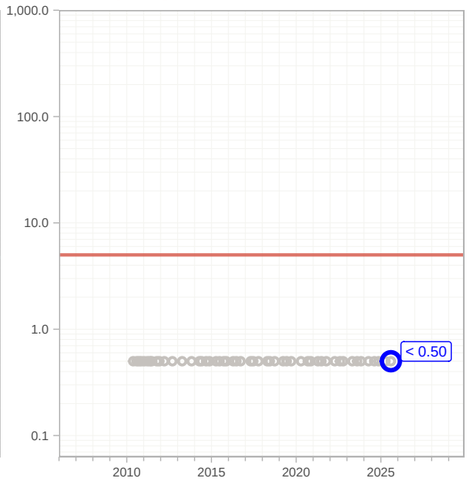
NYS GWQS = 5 ug/L



All | N = 51; ND = 47; %ND = 92.2; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

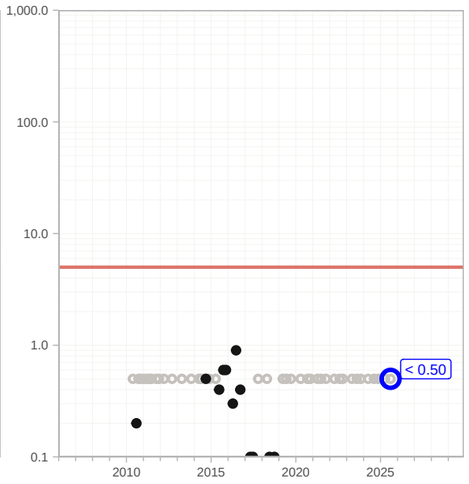
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

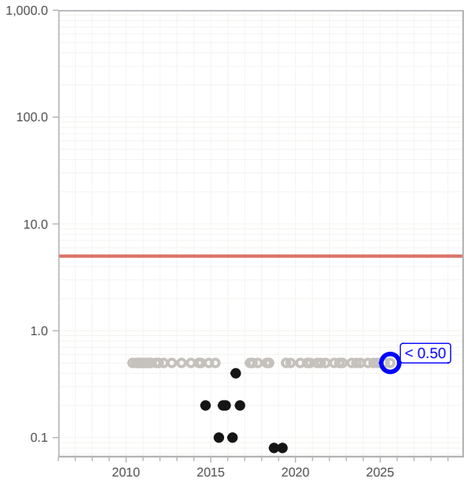
NYS GWQS = 5 ug/L



All | N = 51; ND = 39; %ND = 76.5; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 51; ND = 42; %ND = 82.4; M−K = no trend

Notes:
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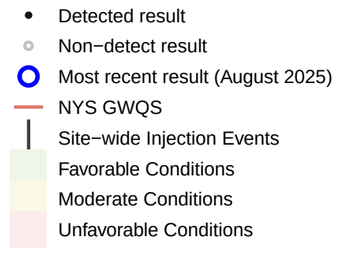
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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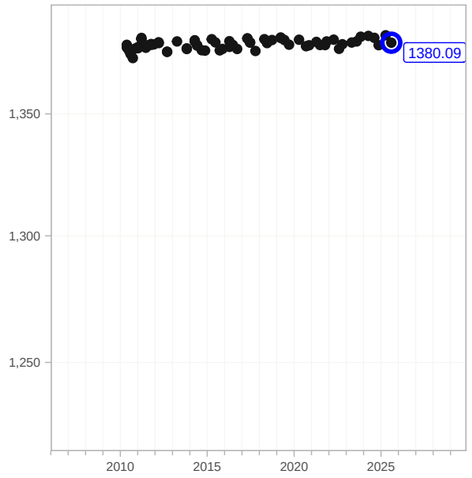
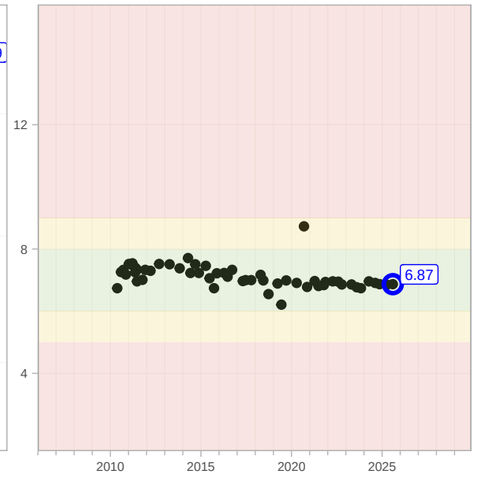
Groundwater Elevation (ft amsl)



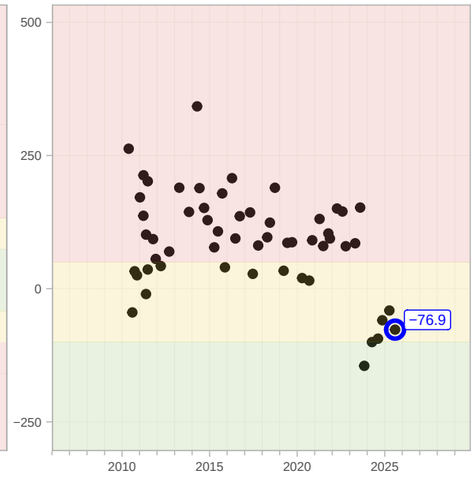
All | N = 68; ND = 0; %ND = 0; M−K = strong increasing

pH (SU)



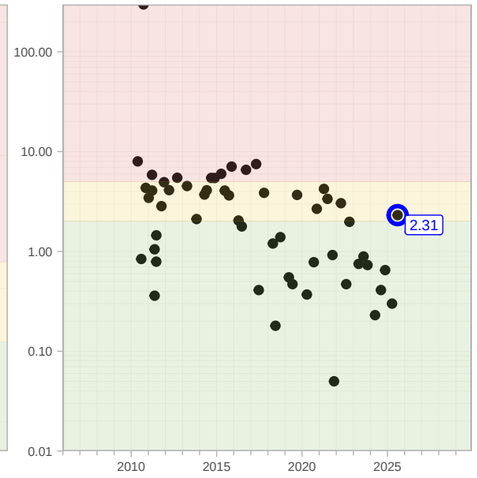
All | N = 55; ND = 0; %ND = 0; M−K = strong decreasing

Oxidation/Reduction Potential (mV)



All | N = 55; ND = 0; %ND = 0; M−K = decreasing

Dissolved Oxygen (mg/L)

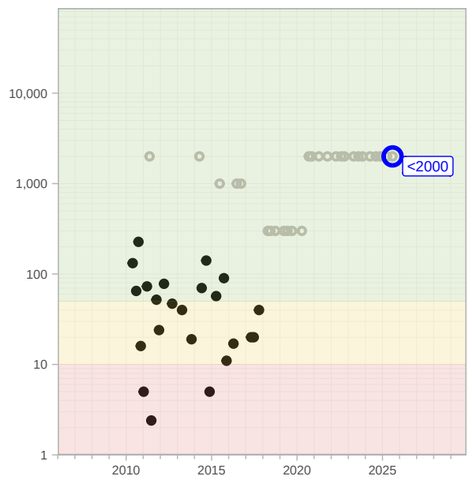


All | N = 55; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)

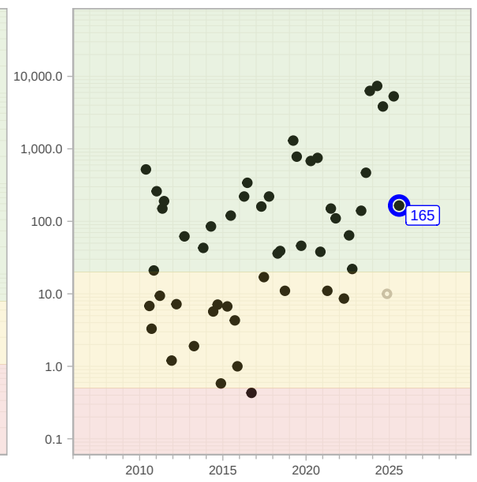
All | N = 55; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



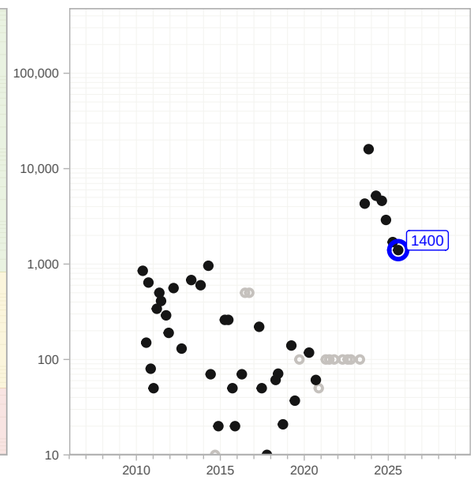
All | N = 50; ND = 27; %ND = 54; M−K = no trend

Methane (ug/L)



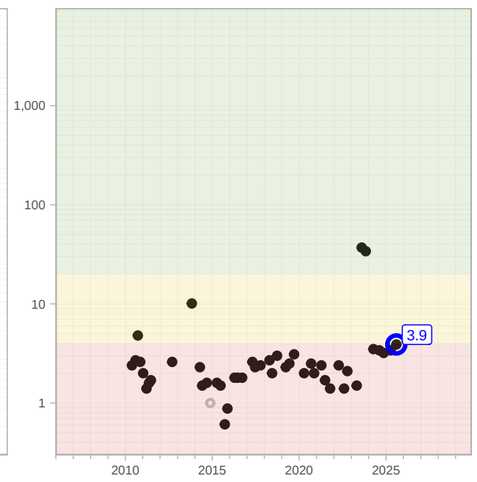
All | N = 50; ND = 1; %ND = 2; M−K = strong increasing

Iron − Ferrous (ug/L)



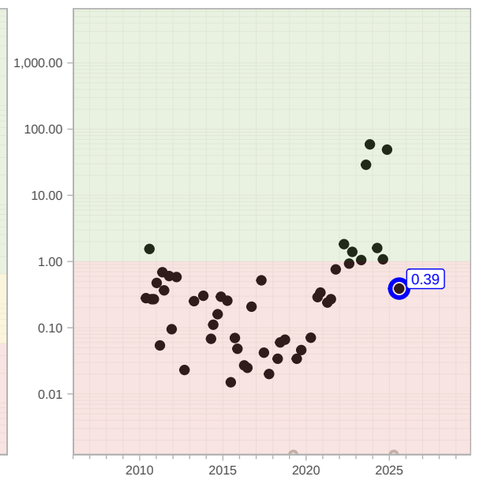
All | N = 51; ND = 12; %ND = 23.5; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 47; ND = 1; %ND = 2.1; M−K = increasing

Total Volatile Fatty Acids (mg/L)



All | N = 51; ND = 2; %ND = 3.9; M−K = no trend

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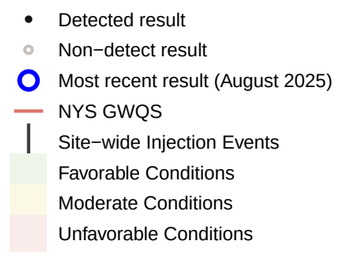
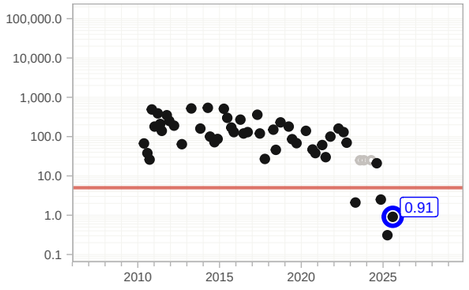


BP−38A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

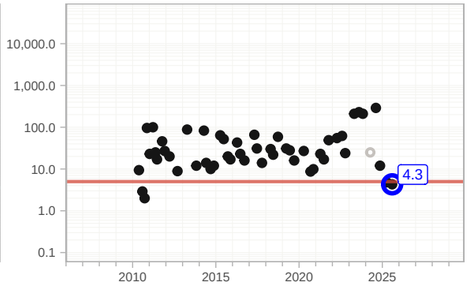
NYS GWQS = 5 ug/L



All | N = 51; ND = 3; %ND = 5.9; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

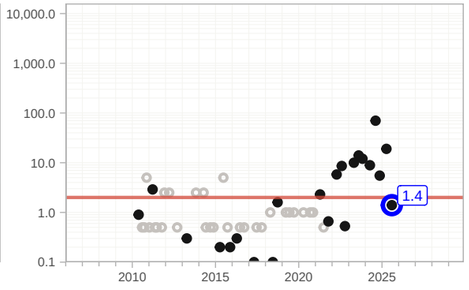
NYS GWQS = 5 ug/L



All | N = 51; ND = 1; %ND = 2; M−K = no trend

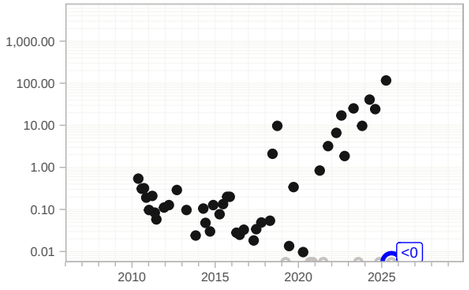
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



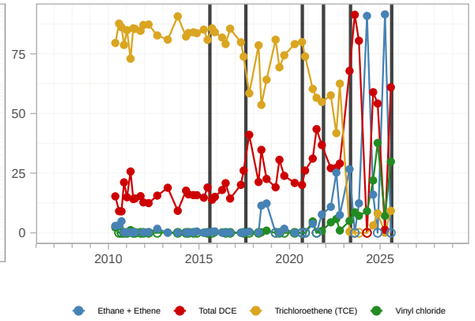
All | N = 51; ND = 29; %ND = 56.9; M−K = strong increasing

Ethane + Ethene (ug/L)



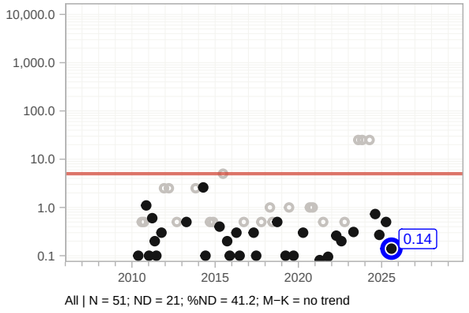
All | N = 50; ND = 7; %ND = 14; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

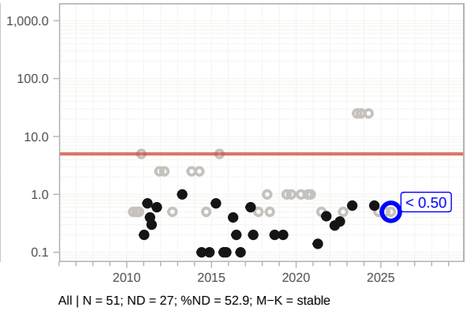
NYS GWQS = 5 ug/L



All | N = 51; ND = 21; %ND = 41.2; M−K = no trend

Dichloroethene (1,1−) (ug/L)

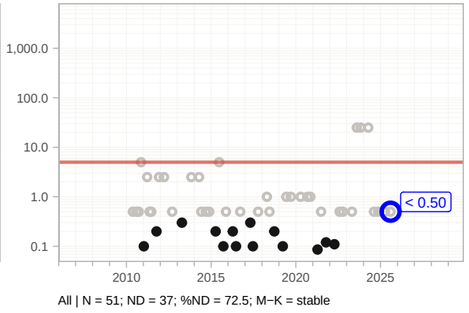
NYS GWQS = 5 ug/L



All | N = 51; ND = 27; %ND = 52.9; M−K = stable

Tetrachloroethene (PCE) (ug/L)

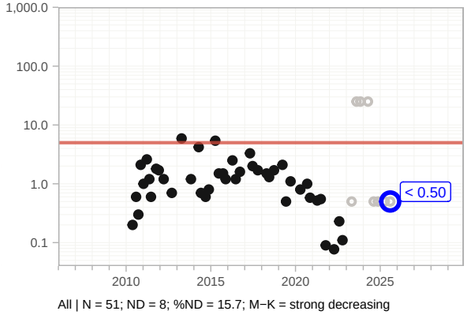
NYS GWQS = 5 ug/L



All | N = 51; ND = 37; %ND = 72.5; M−K = stable

Carbon tetrachloride (ug/L)

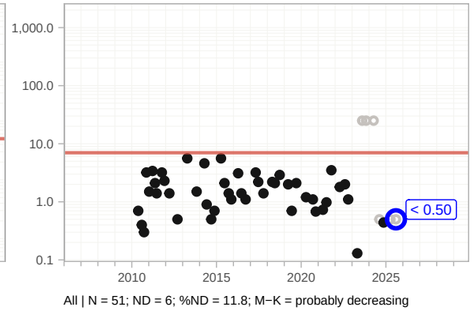
NYS GWQS = 5 ug/L



All | N = 51; ND = 8; %ND = 15.7; M−K = strong decreasing

Chloroform (Trichloromethane) (ug/L)

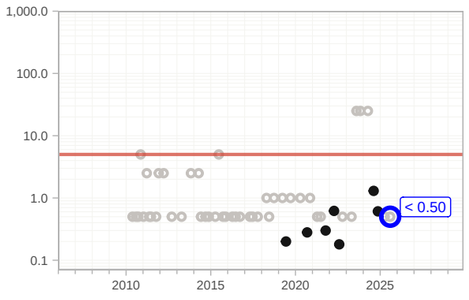
NYS GWQS = 7 ug/L



All | N = 51; ND = 6; %ND = 11.8; M−K = probably decreasing

Methylene Chloride (Dichloromethane) (ug/L

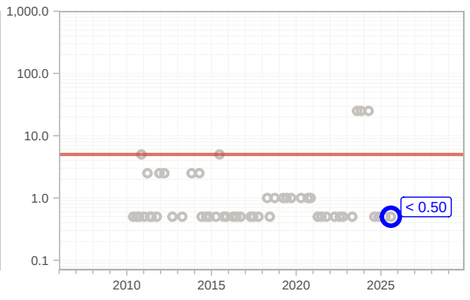
NYS GWQS = 5 ug/L



All | N = 51; ND = 44; %ND = 86.3; M−K = no trend

Chloromethane (ug/L)

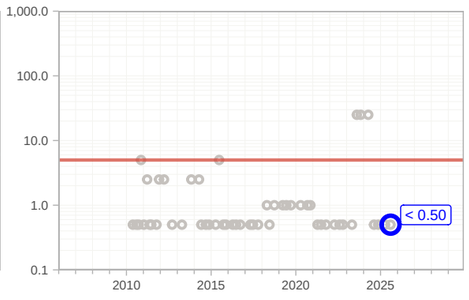
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

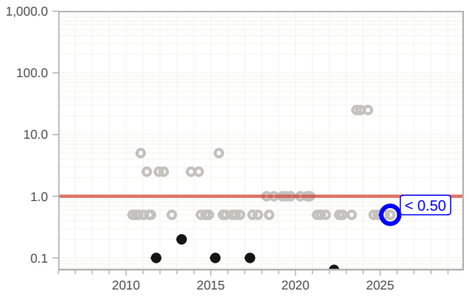
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

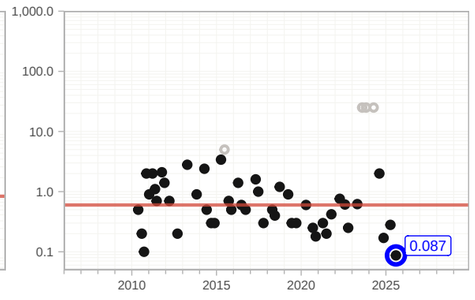
NYS GWQS = 1 ug/L



All | N = 51; ND = 46; %ND = 90.2; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 51; ND = 4; %ND = 7.8; M−K = decreasing

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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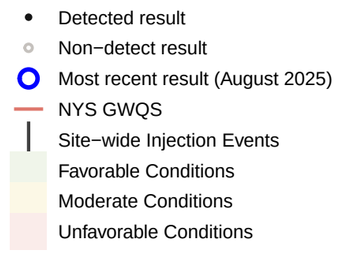
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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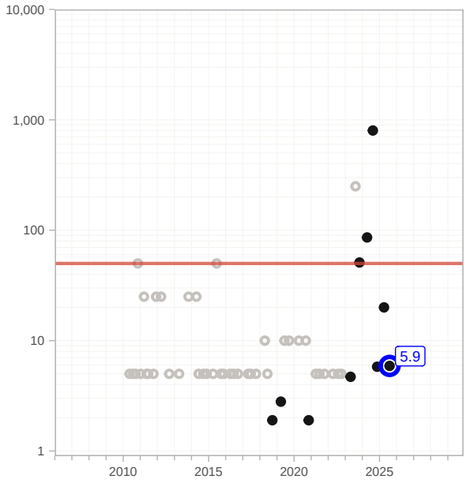
Acetone (ug/L)

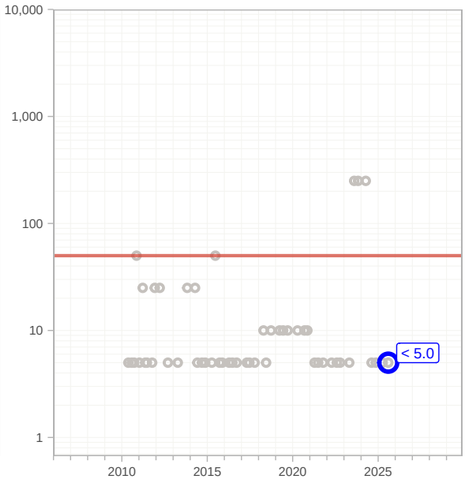
NYS GWQS = 50 ug/L



All | N = 51; ND = 41; %ND = 80.4; M−K = increasing

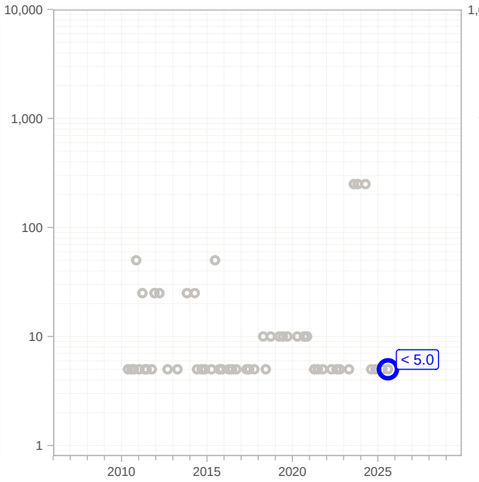
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

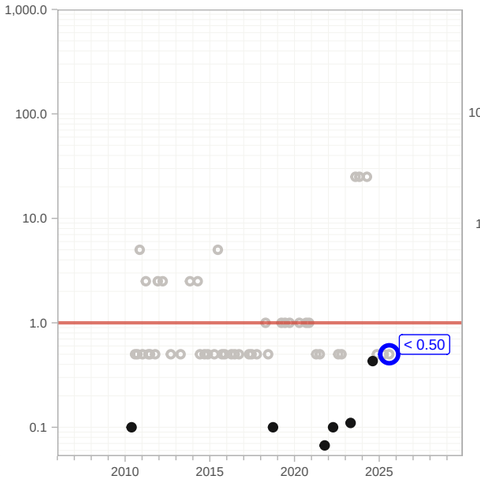
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Benzene (ug/L)

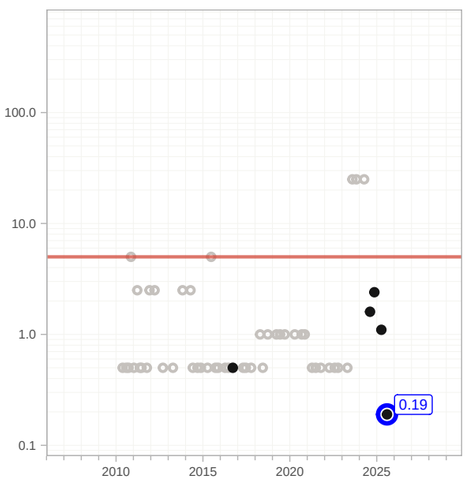
NYS GWQS = 1 ug/L



All | N = 51; ND = 45; %ND = 88.2; M−K = no trend

Toluene (ug/L)

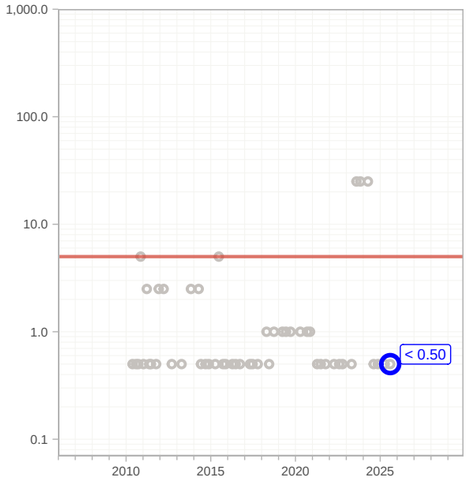
NYS GWQS = 5 ug/L



All | N = 51; ND = 46; %ND = 90.2; M−K = no trend

Ethylbenzene (ug/L)

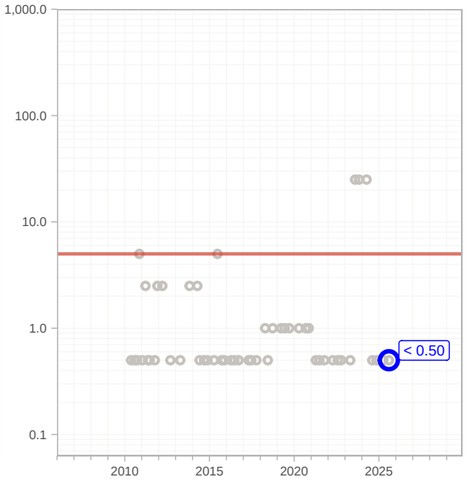
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

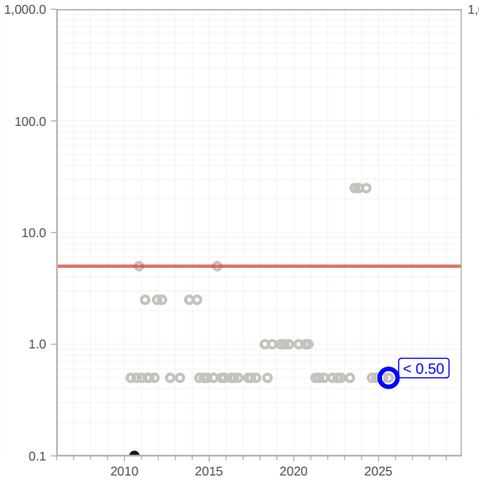
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

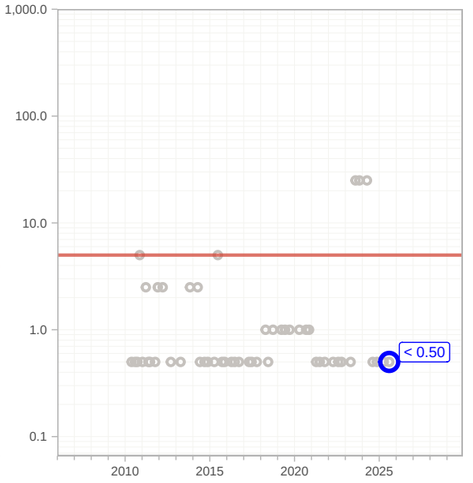
NYS GWQS = 5 ug/L



All | N = 51; ND = 50; %ND = 98; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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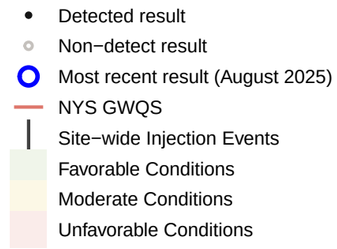

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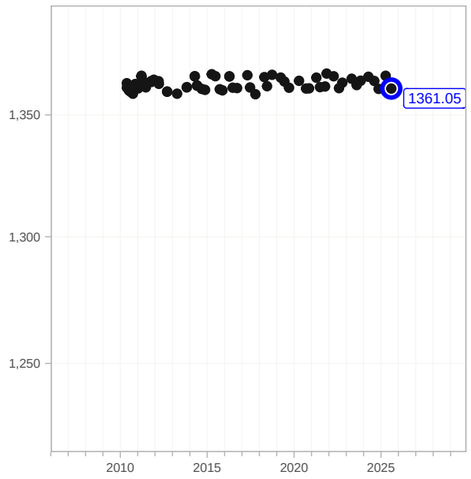
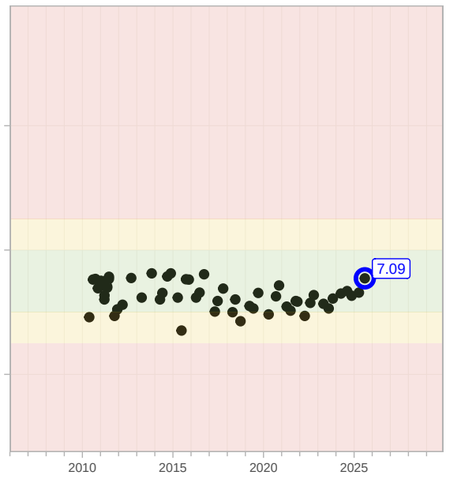
Groundwater Elevation (ft amsl)



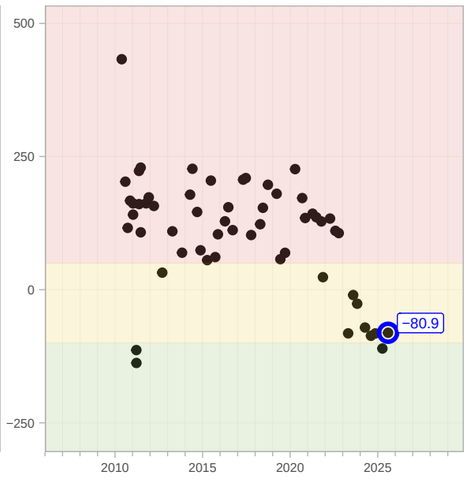
All | N = 64; ND = 0; %ND = 0; M−K = stable

pH (SU)



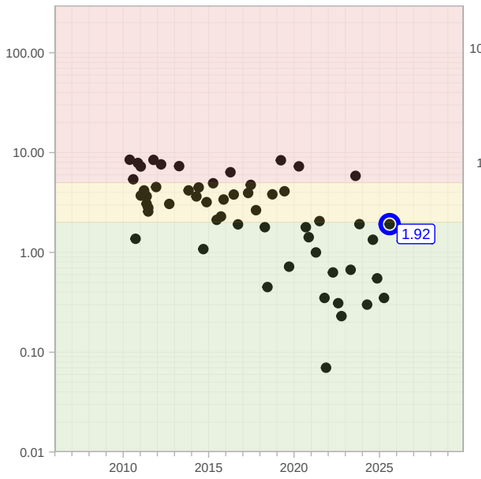
All | N = 56; ND = 0; %ND = 0; M−K = probably decreasing

Oxidation/Reduction Potential (mV)



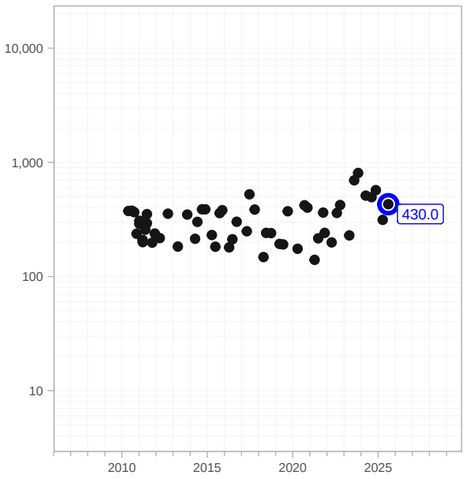
All | N = 56; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



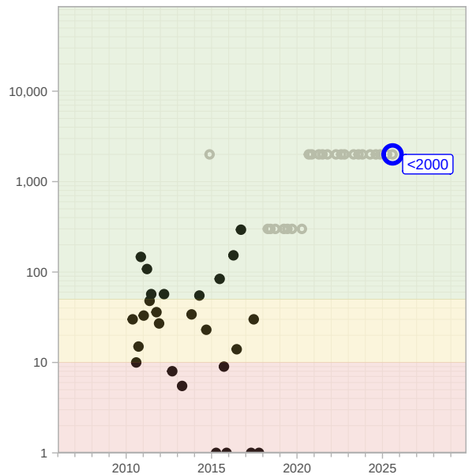
All | N = 56; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)



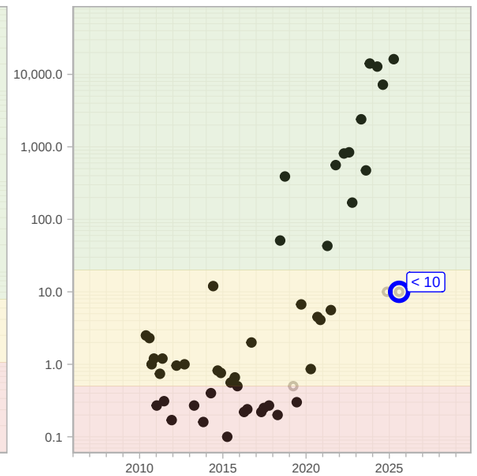
All | N = 56; ND = 0; %ND = 0; M−K = probably increasing

Sulfide (ug/L)



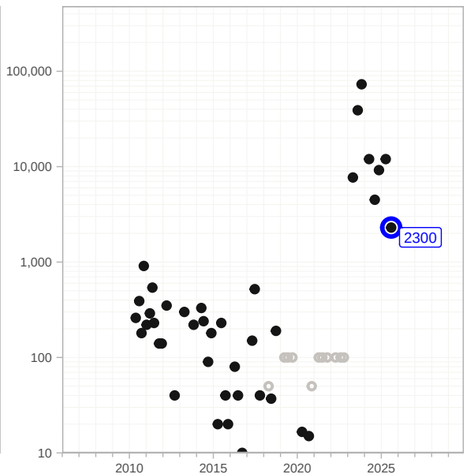
All | N = 50; ND = 24; %ND = 48; M−K = no trend

Methane (ug/L)



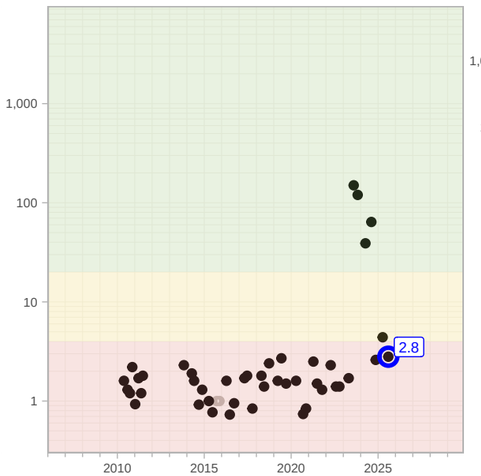
All | N = 50; ND = 3; %ND = 6; M−K = strong increasing

Iron − Ferrous (ug/L)



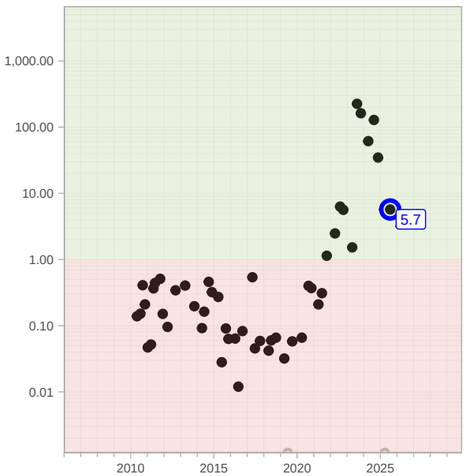
All | N = 51; ND = 11; %ND = 21.6; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 46; ND = 2; %ND = 4.3; M−K = strong increasing

Total Volatile Fatty Acids (mg/L)



All | N = 51; ND = 2; %ND = 3.9; M−K = increasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
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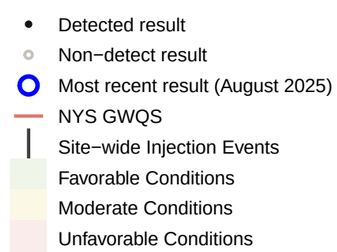
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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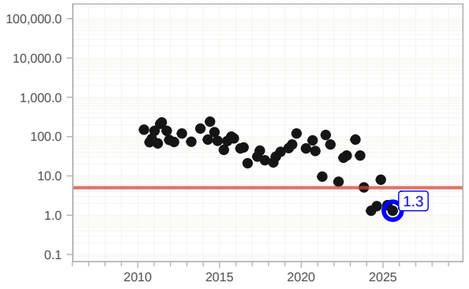
Trichloroethene (TCE) (ug/L)

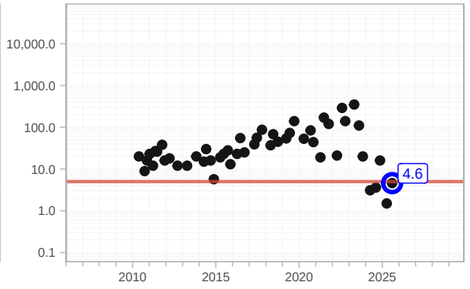
NYS GWQS = 5 ug/L



All | N = 50; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

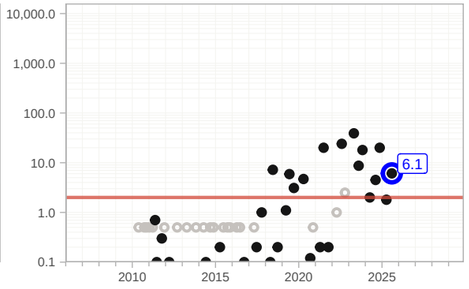
NYS GWQS = 5 ug/L



All | N = 50; ND = 0; %ND = 0; M−K = increasing

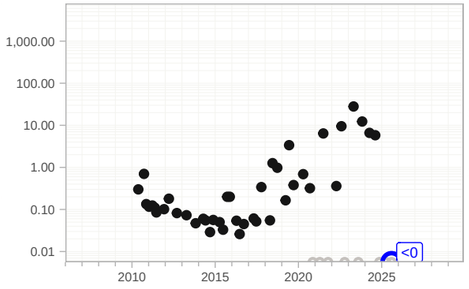
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



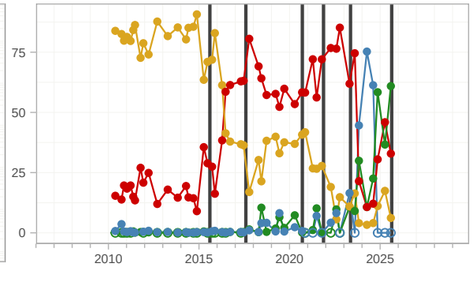
All | N = 50; ND = 21; %ND = 42; M−K = strong increasing

Ethane + Ethene (ug/L)



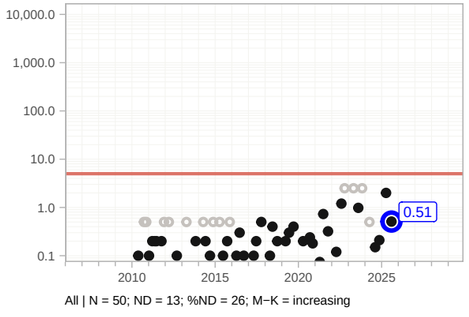
All | N = 49; ND = 8; %ND = 16.3; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

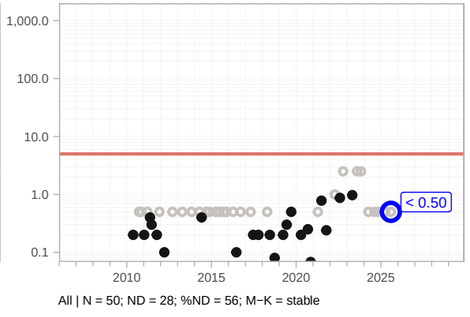
NYS GWQS = 5 ug/L



All | N = 50; ND = 13; %ND = 26; M−K = increasing

Dichloroethene (1,1−) (ug/L)

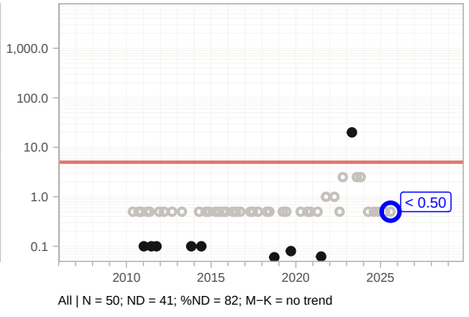
NYS GWQS = 5 ug/L



All | N = 50; ND = 28; %ND = 56; M−K = stable

Tetrachloroethene (PCE) (ug/L)

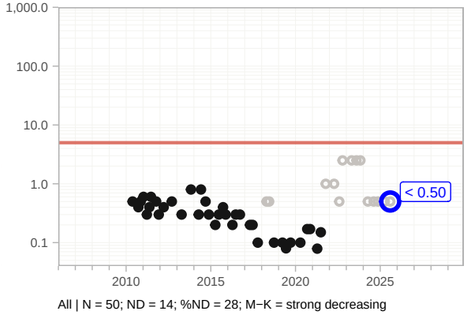
NYS GWQS = 5 ug/L



All | N = 50; ND = 41; %ND = 82; M−K = no trend

Carbon tetrachloride (ug/L)

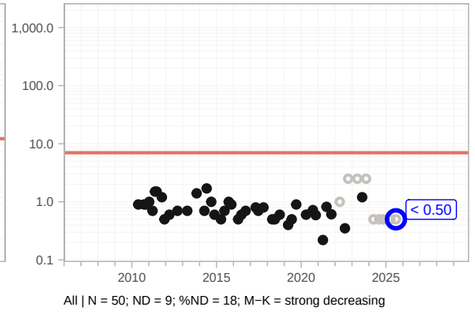
NYS GWQS = 5 ug/L



All | N = 50; ND = 14; %ND = 28; M−K = strong decreasing

Chloroform (Trichloromethane) (ug/L)

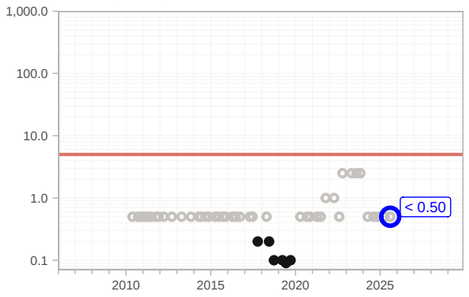
NYS GWQS = 7 ug/L



All | N = 50; ND = 9; %ND = 18; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

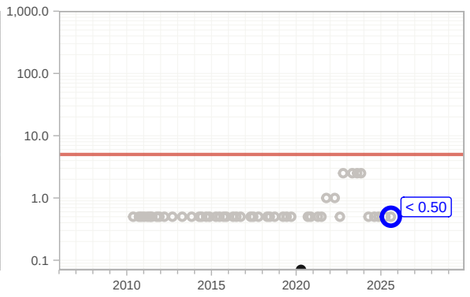
NYS GWQS = 5 ug/L



All | N = 50; ND = 44; %ND = 88; M−K = no trend

Chloromethane (ug/L)

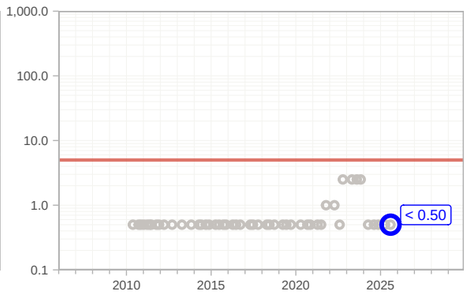
NYS GWQS = 5 ug/L



All | N = 50; ND = 49; %ND = 98; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

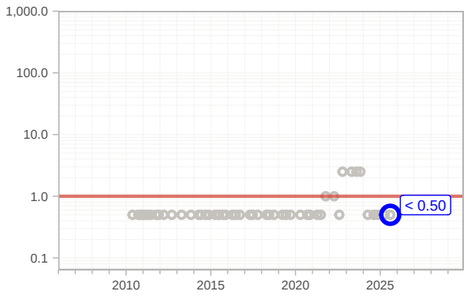
NYS GWQS = 5 ug/L



All | N = 50; ND = 50; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

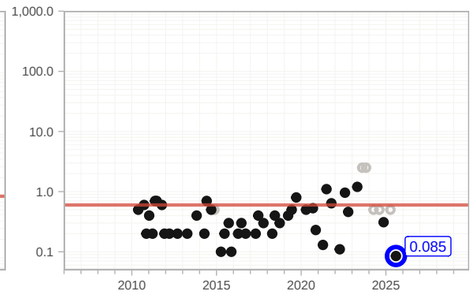
NYS GWQS = 1 ug/L



All | N = 50; ND = 50; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 50; ND = 6; %ND = 12; M−K = stable

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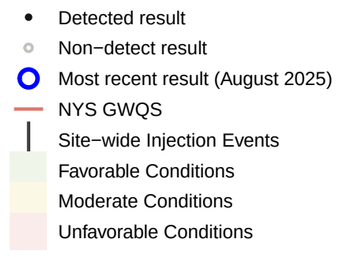

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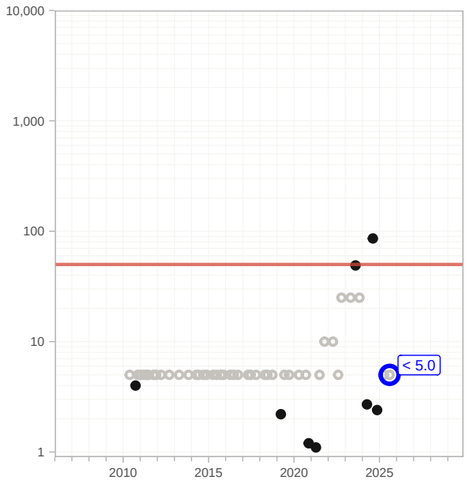
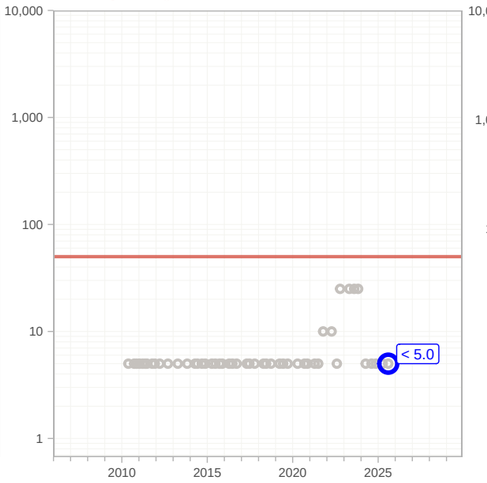
Acetone (ug/L)



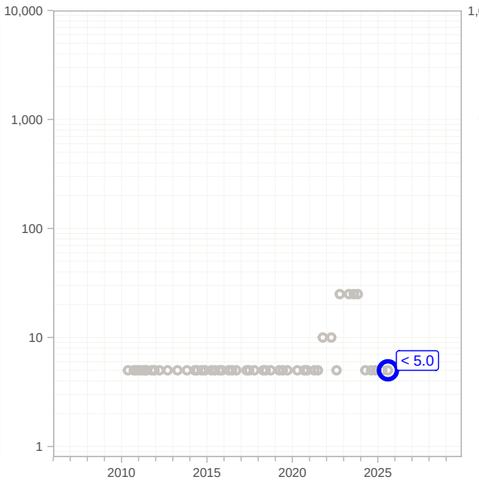
All | N = 50; ND = 42; %ND = 84; M−K = no trend

Butanone (2−) (MEK) (ug/L)



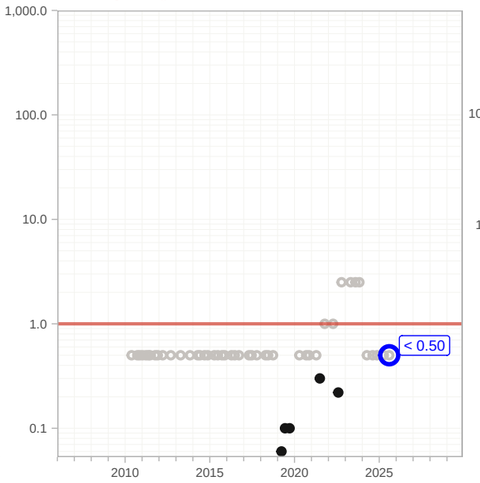
All | N = 50; ND = 50; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



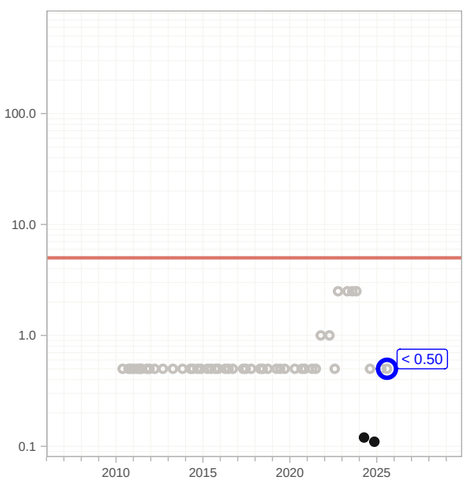
All | N = 50; ND = 50; %ND = 100; M−K = no trend

Benzene (ug/L)



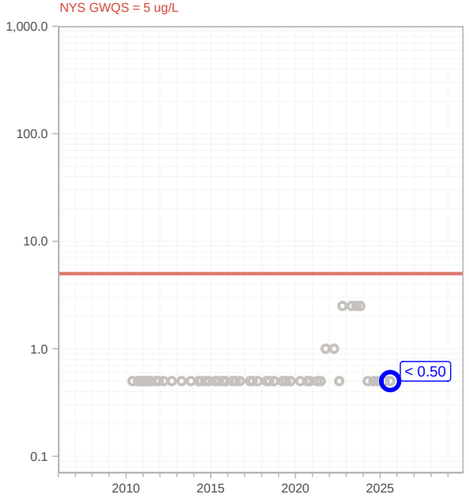
All | N = 50; ND = 45; %ND = 90; M−K = no trend

Toluene (ug/L)



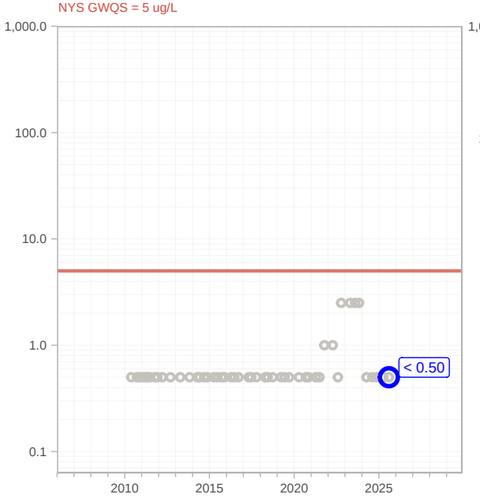
All | N = 50; ND = 48; %ND = 96; M−K = no trend

Ethylbenzene (ug/L)



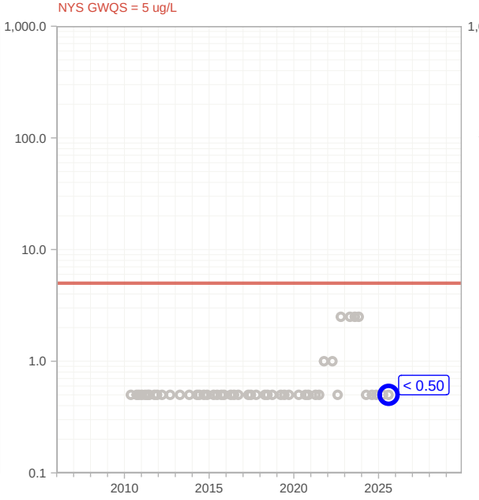
All | N = 50; ND = 50; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



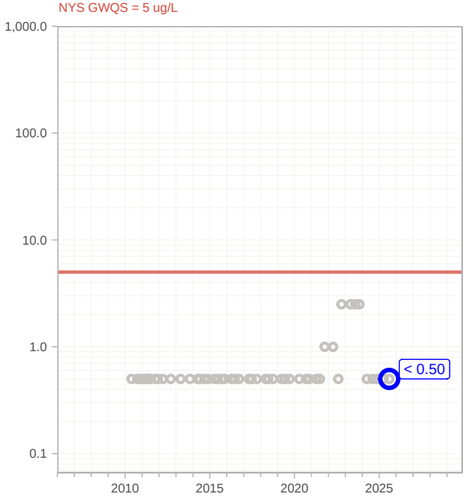
All | N = 50; ND = 50; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 50; ND = 50; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 50; ND = 50; %ND = 100; M−K = no trend

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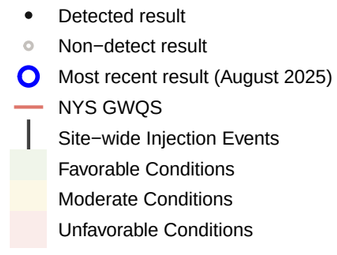

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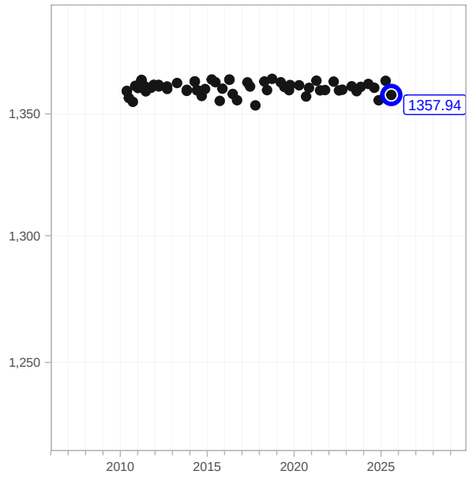
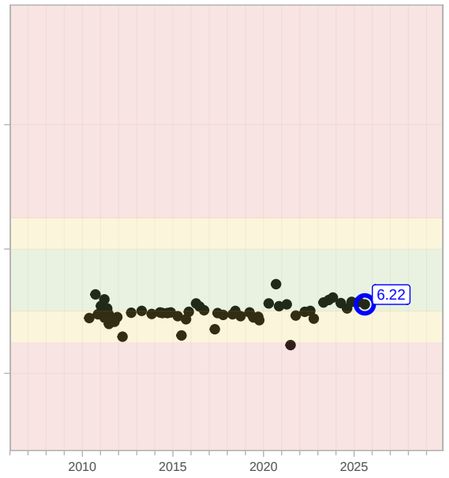
Groundwater Elevation (ft amsl)



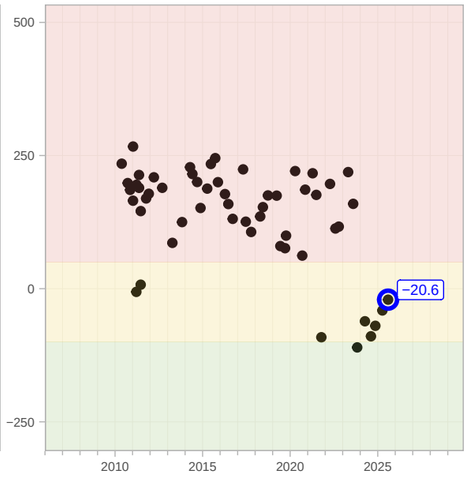
All | N = 63; ND = 0; %ND = 0; M−K = stable

pH (SU)



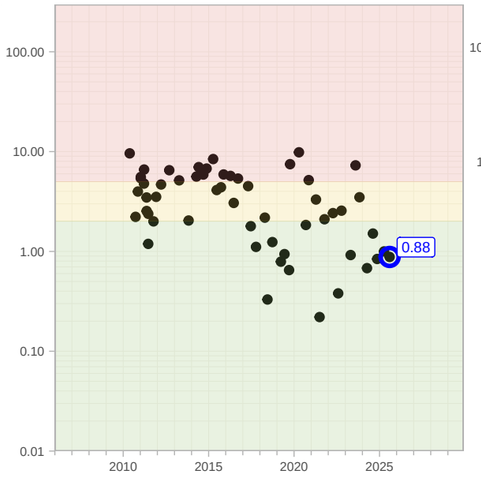
All | N = 55; ND = 0; %ND = 0; M−K = increasing

Oxidation/Reduction Potential (mV)



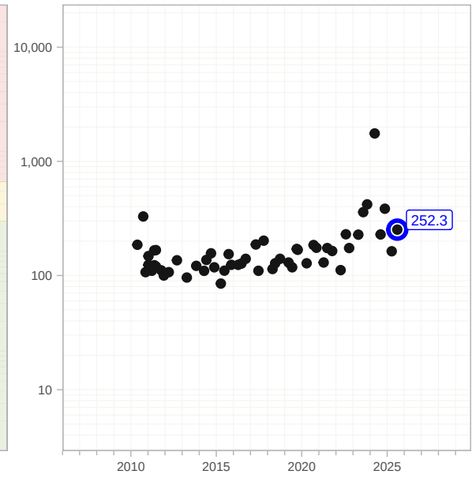
All | N = 55; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



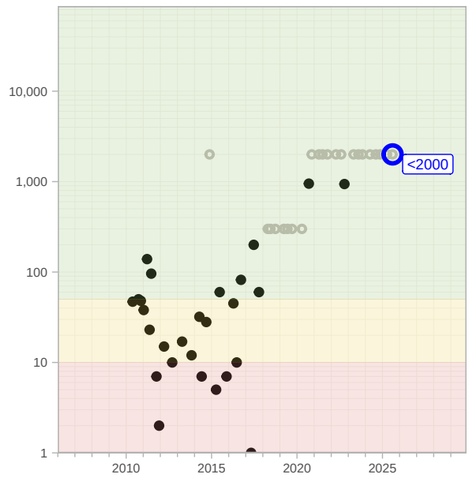
All | N = 55; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)



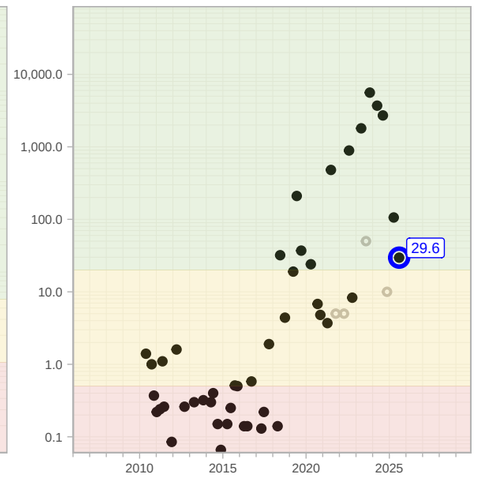
All | N = 55; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



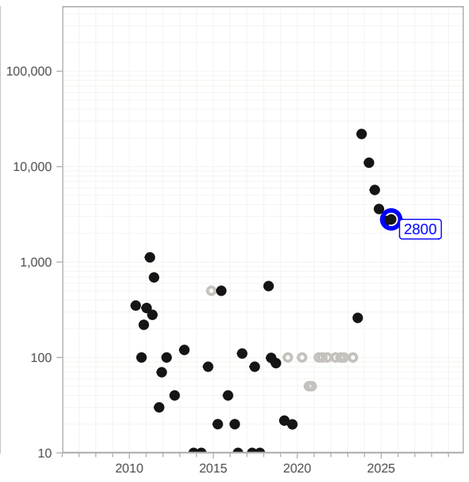
All | N = 49; ND = 22; %ND = 44.9; M−K = no trend

Methane (ug/L)



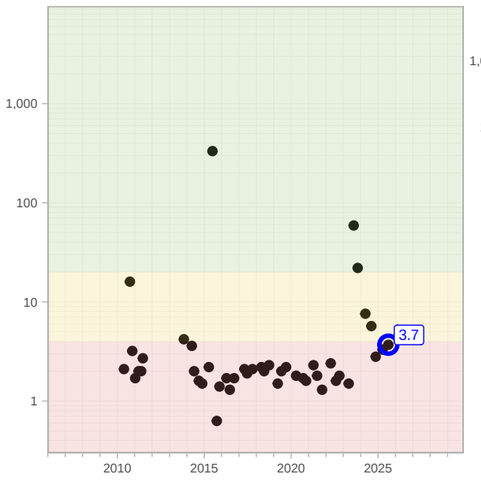
All | N = 49; ND = 4; %ND = 8.2; M−K = strong increasing

Iron − Ferrous (ug/L)



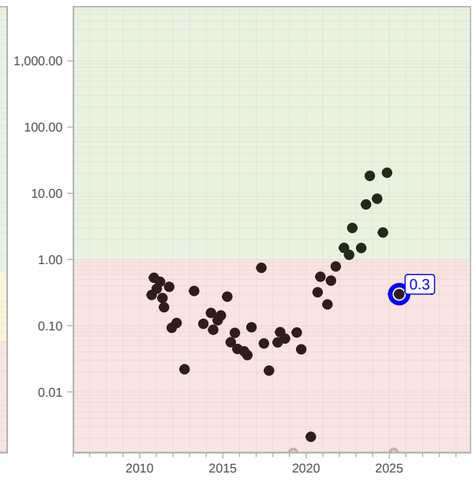
All | N = 48; ND = 12; %ND = 25; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 45; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 49; ND = 2; %ND = 4.1; M−K = no trend

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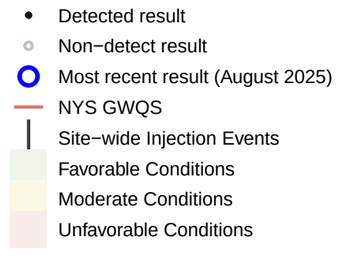

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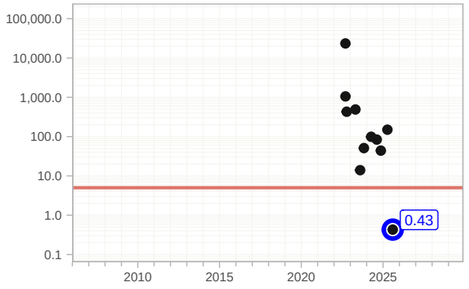
Trichloroethene (TCE) (ug/L)

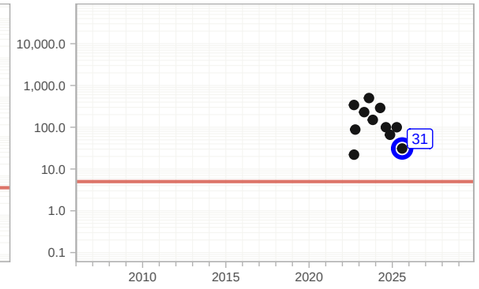
NYS GWQS = 5 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = decreasing

Dichloroethene (cis−1,2−) (ug/L)

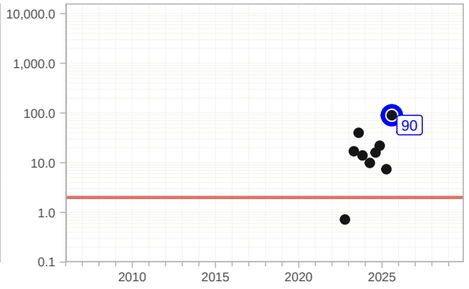
NYS GWQS = 5 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = stable

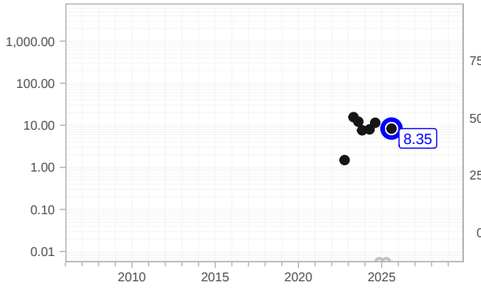
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



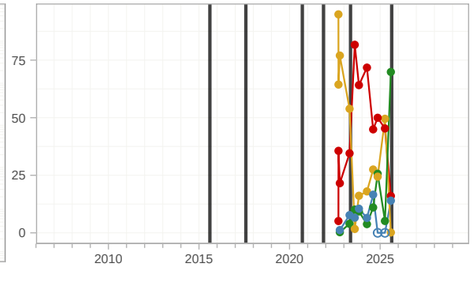
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Ethane + Ethene (ug/L)



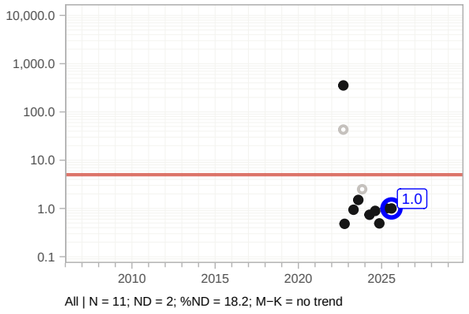
All | N = 9; ND = 2; %ND = 22.2; M−K = stable

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

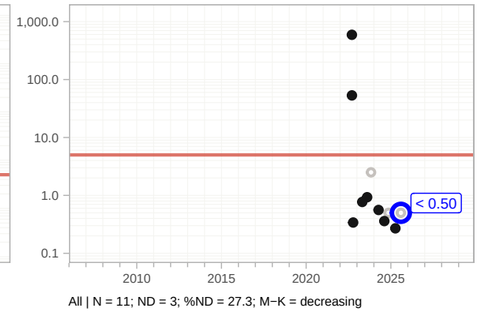
NYS GWQS = 5 ug/L



All | N = 11; ND = 2; %ND = 18.2; M−K = no trend

Dichloroethene (1,1−) (ug/L)

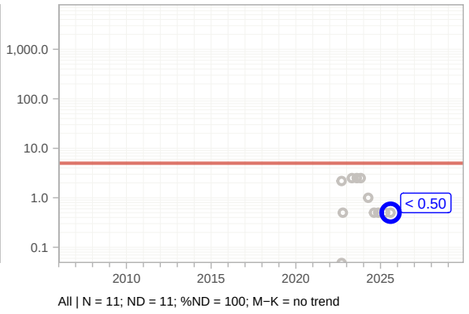
NYS GWQS = 5 ug/L



All | N = 11; ND = 3; %ND = 27.3; M−K = decreasing

Tetrachloroethene (PCE) (ug/L)

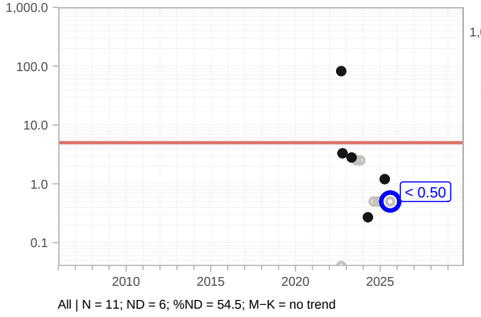
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

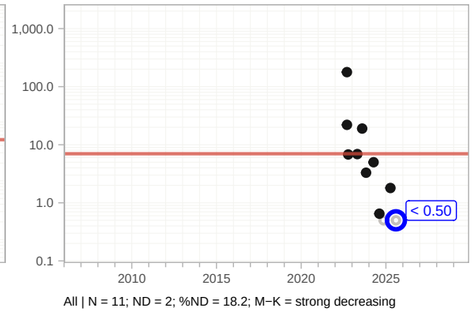
NYS GWQS = 5 ug/L



All | N = 11; ND = 6; %ND = 54.5; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

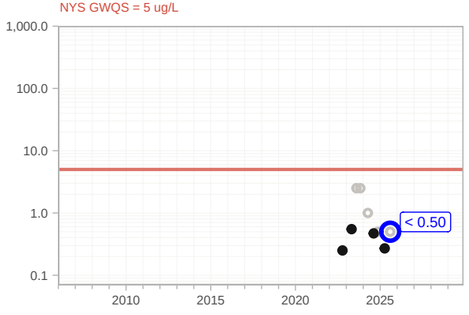
NYS GWQS = 7 ug/L



All | N = 11; ND = 2; %ND = 18.2; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

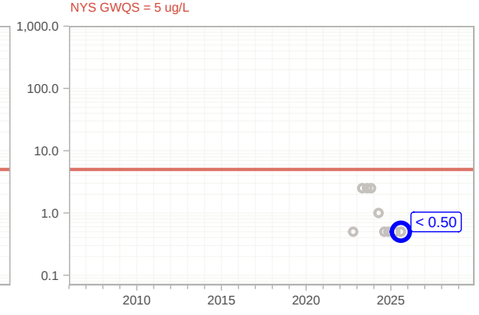
NYS GWQS = 5 ug/L



All | N = 9; ND = 5; %ND = 55.6; M−K = stable

Chloromethane (ug/L)

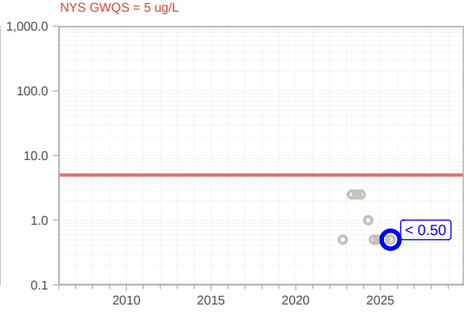
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

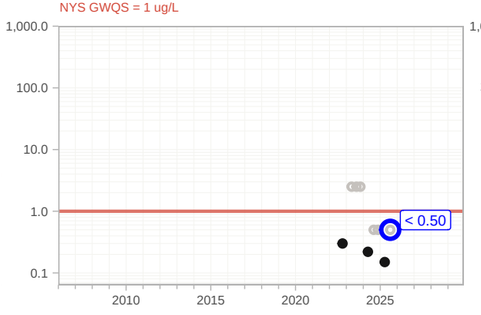
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

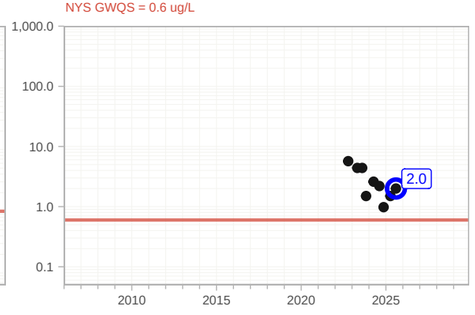
NYS GWQS = 1 ug/L



All | N = 9; ND = 6; %ND = 66.7; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = decreasing

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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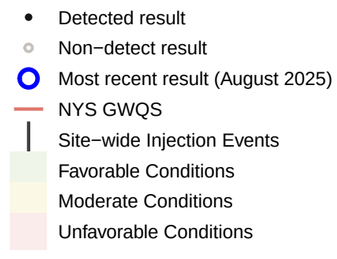

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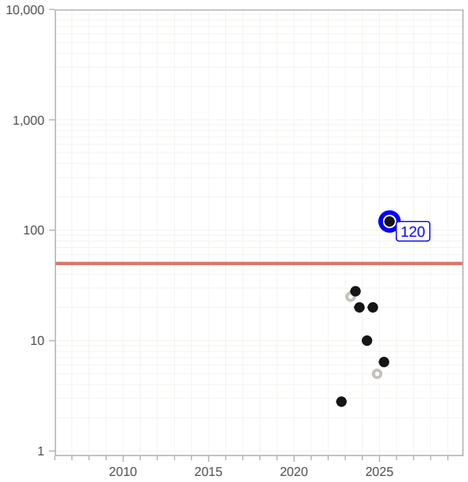
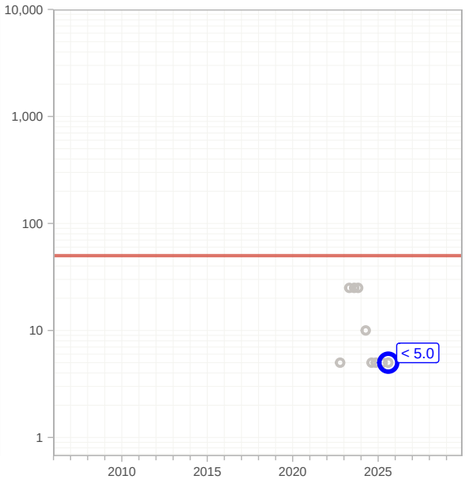
Acetone (ug/L)



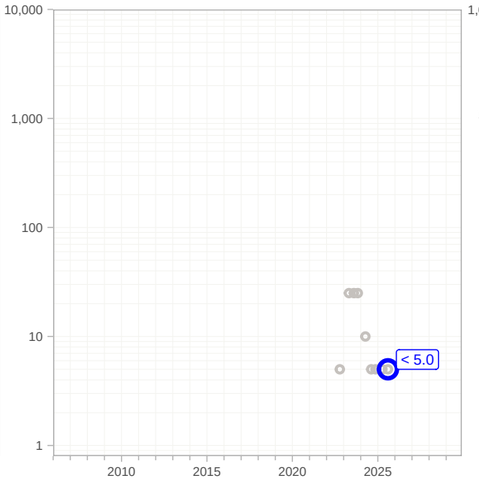
All | N = 9; ND = 2; %ND = 22.2; M−K = no trend

Butanone (2−) (MEK) (ug/L)



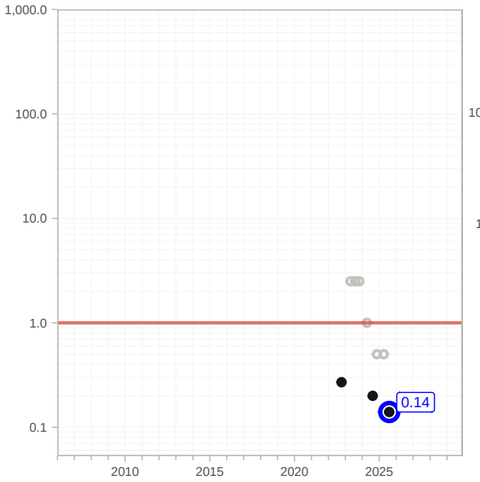
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



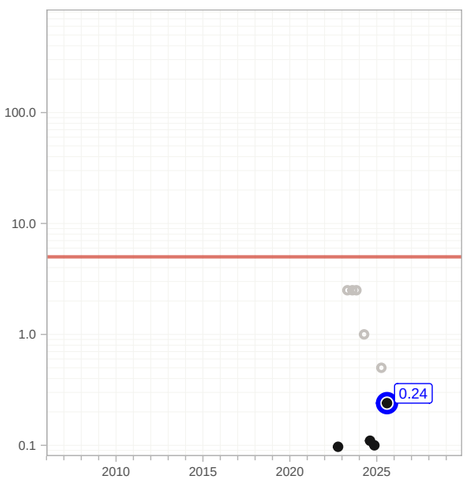
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)



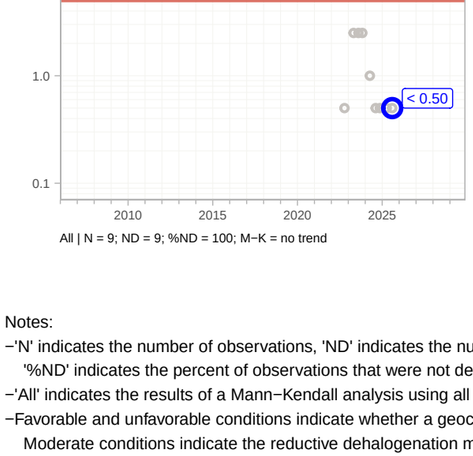
All | N = 9; ND = 6; %ND = 66.7; M−K = no trend

Toluene (ug/L)



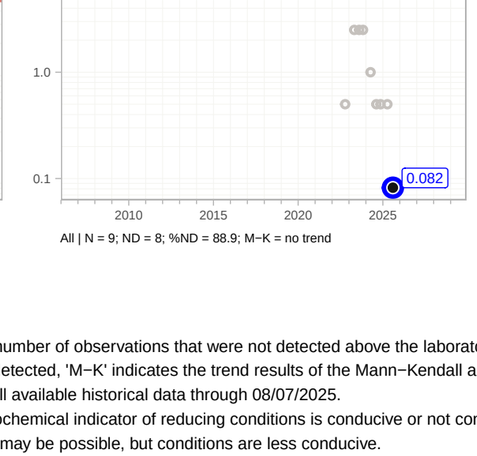
All | N = 9; ND = 5; %ND = 55.6; M−K = stable

Ethylbenzene (ug/L)



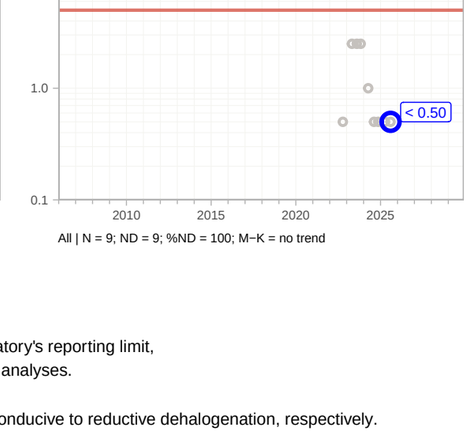
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



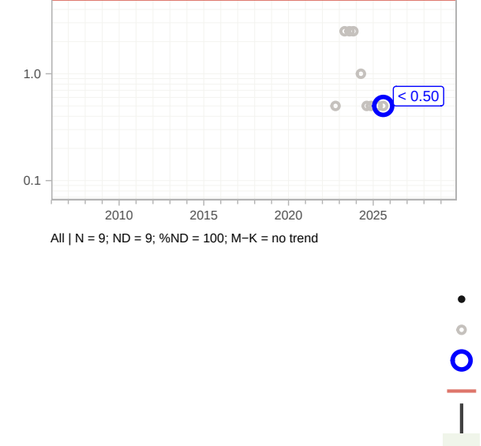
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

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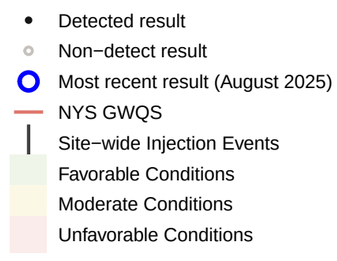

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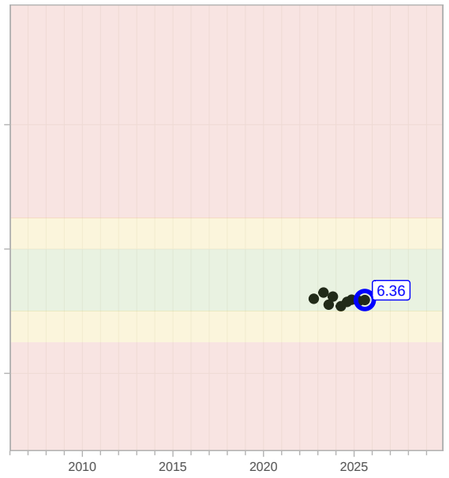
Groundwater Elevation (ft amsl)

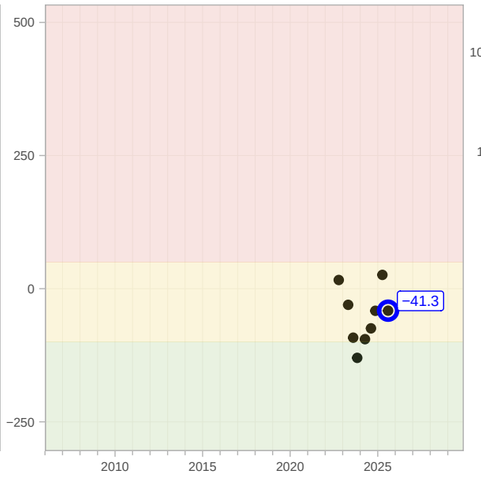
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



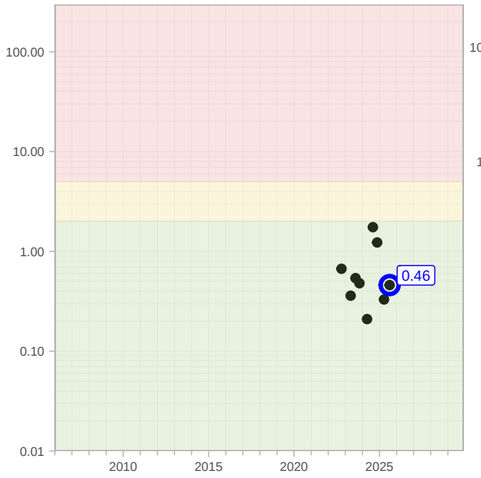
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



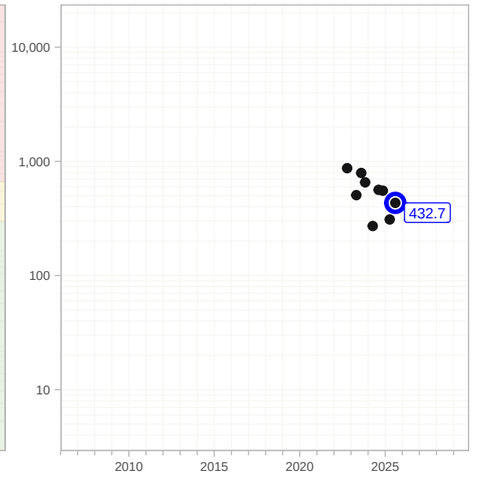
All | N = 9; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



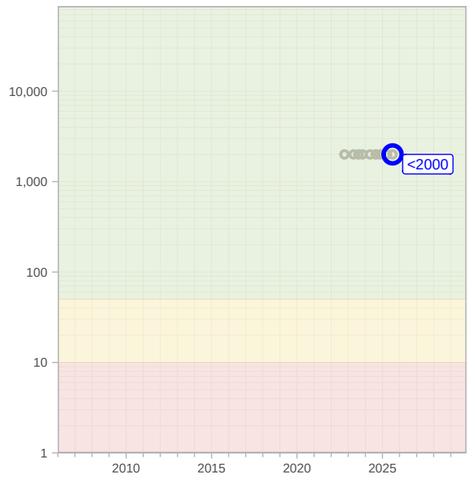
All | N = 9; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



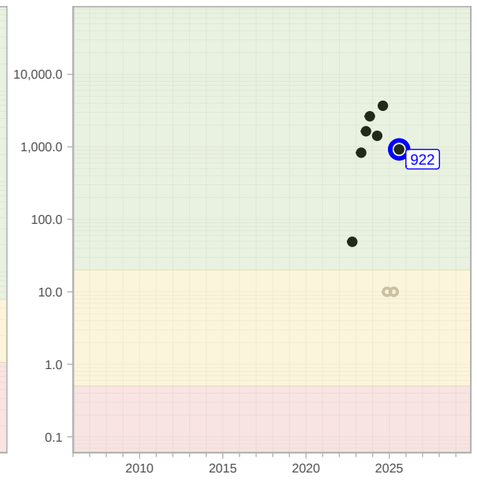
All | N = 9; ND = 0; %ND = 0; M−K = probably decreasing

Sulfide (ug/L)



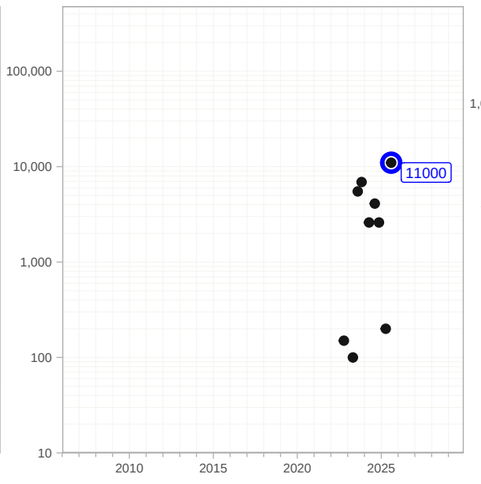
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methane (ug/L)



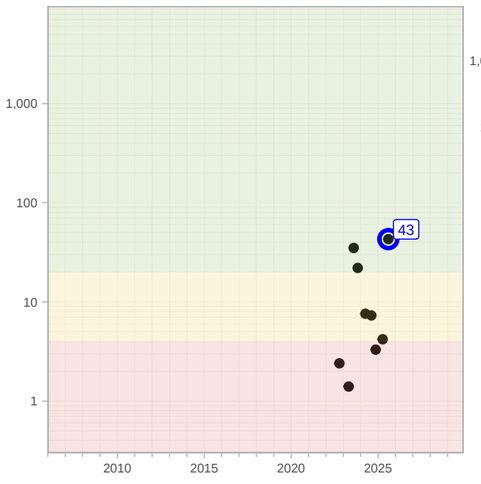
All | N = 9; ND = 2; %ND = 22.2; M−K = no trend

Iron − Ferrous (ug/L)



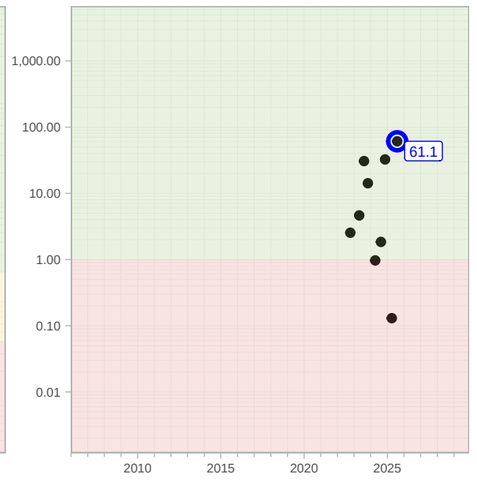
All | N = 9; ND = 0; %ND = 0; M−K = stable

Total Organic Carbon (mg/L)



All | N = 9; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 9; ND = 0; %ND = 0; M−K = no trend

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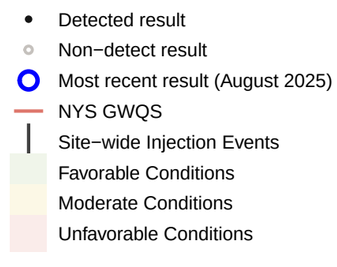
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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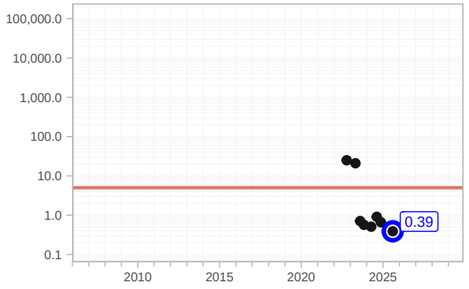
Trichloroethene (TCE) (ug/L)

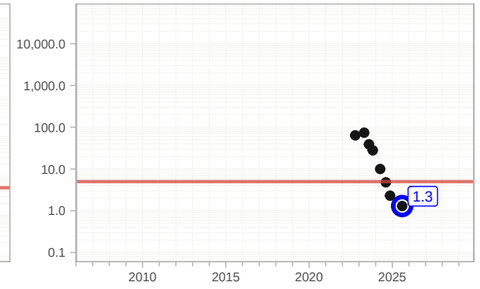
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = decreasing

Dichloroethene (cis−1,2−) (ug/L)

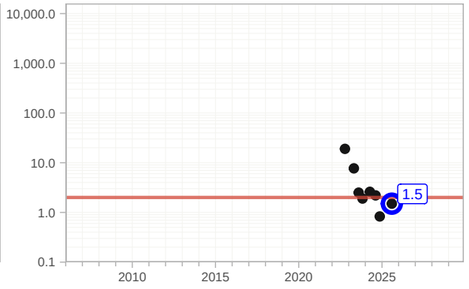
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = strong decreasing

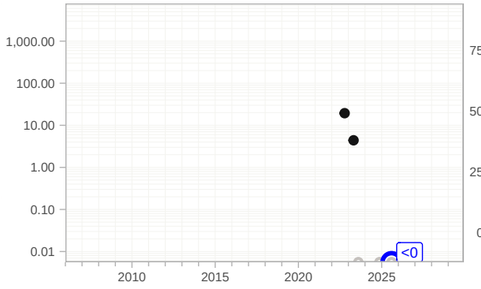
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



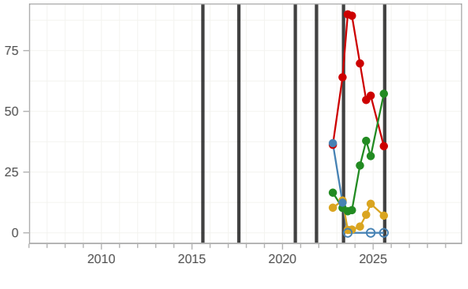
All | N = 8; ND = 0; %ND = 0; M−K = decreasing

Ethane + Ethene (ug/L)



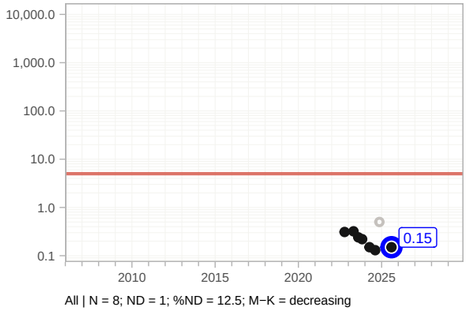
All | N = 5; ND = 3; %ND = 60; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

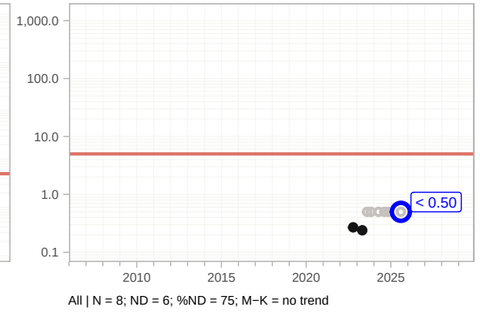
NYS GWQS = 5 ug/L



All | N = 8; ND = 1; %ND = 12.5; M−K = decreasing

Dichloroethene (1,1−) (ug/L)

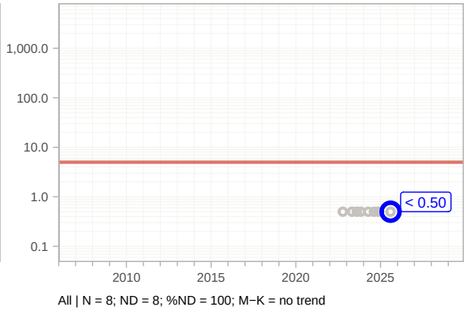
NYS GWQS = 5 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

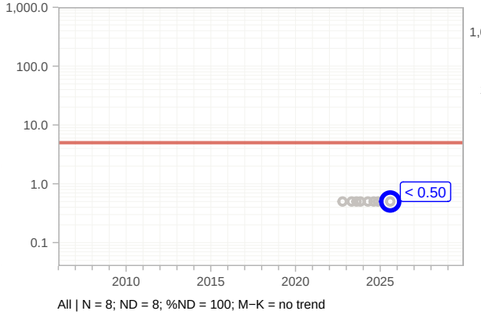
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

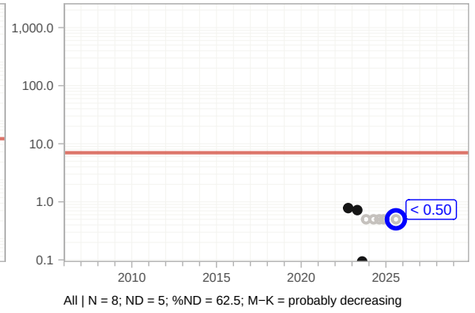
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

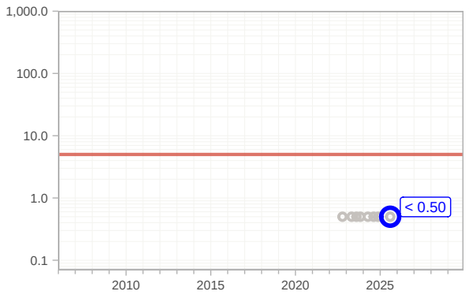
NYS GWQS = 7 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = probably decreasing

Methylene Chloride (Dichloromethane) (ug/L

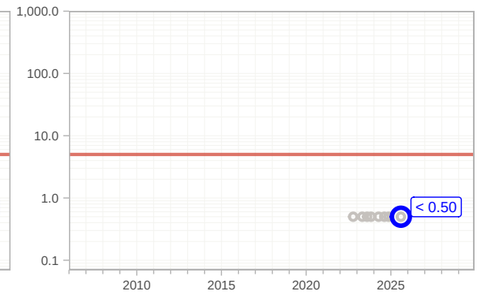
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloromethane (ug/L)

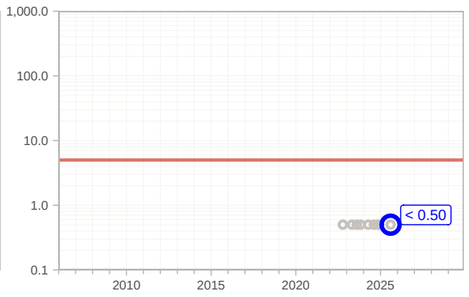
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

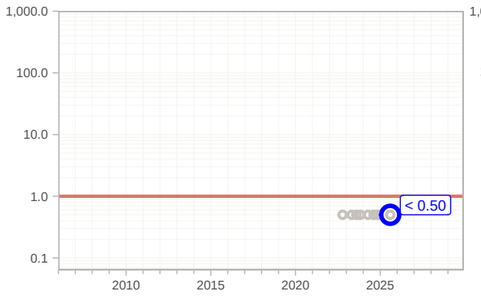
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

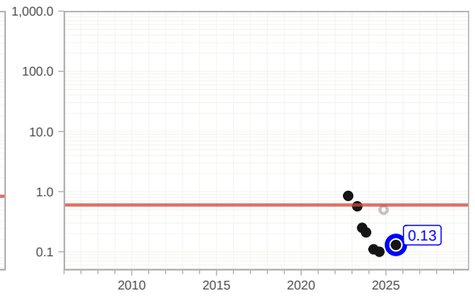
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 1; %ND = 12.5; M−K = decreasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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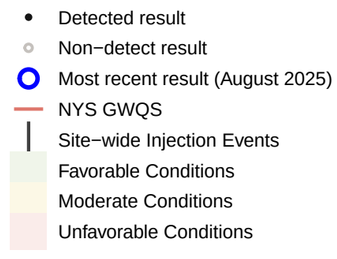
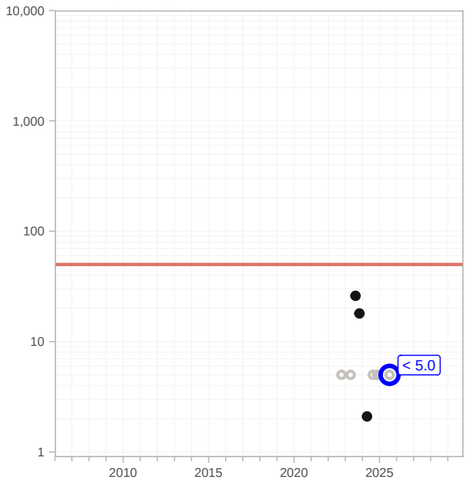
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



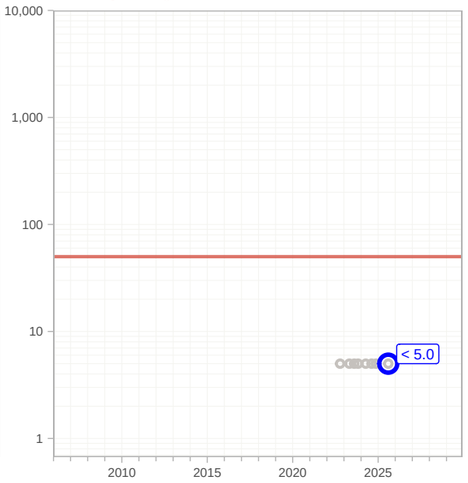
BP−42AD (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



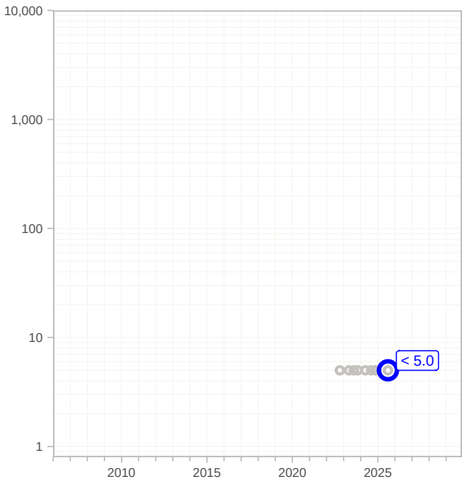
All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Butanone (2−) (MEK) (ug/L)



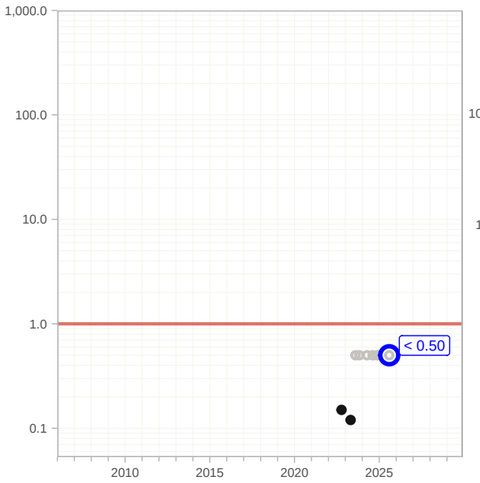
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



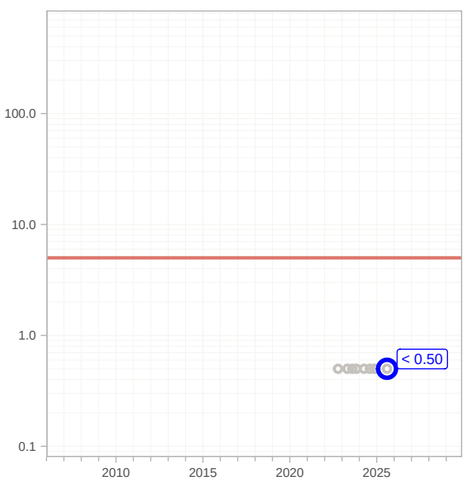
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Toluene (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)

All | N = 8; ND = 8; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

All | N = 8; ND = 8; %ND = 100; M−K = no trend

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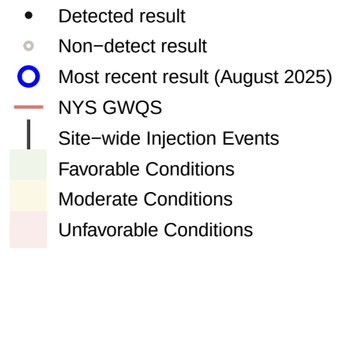

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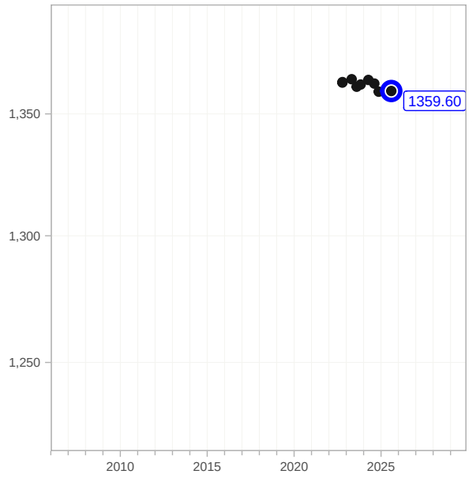
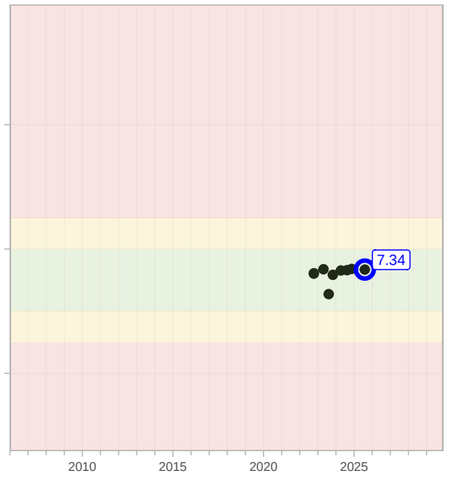
Groundwater Elevation (ft amsl)



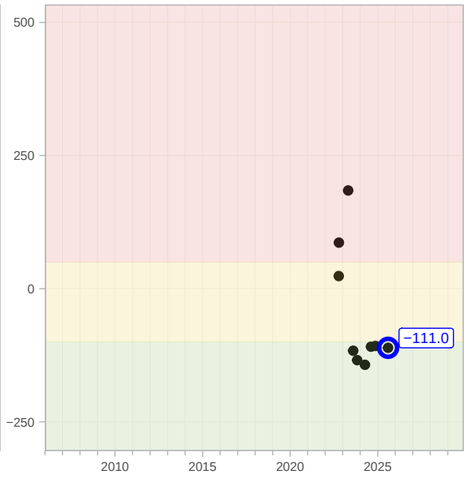
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



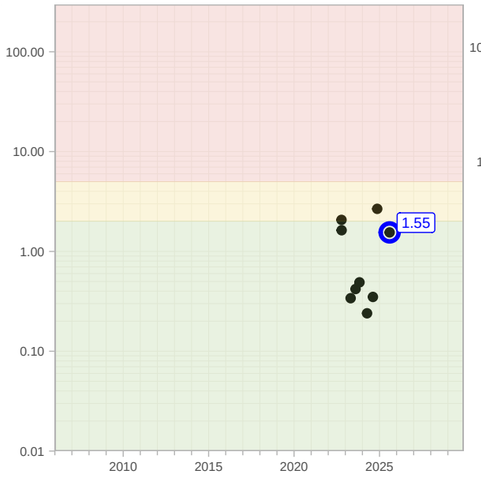
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



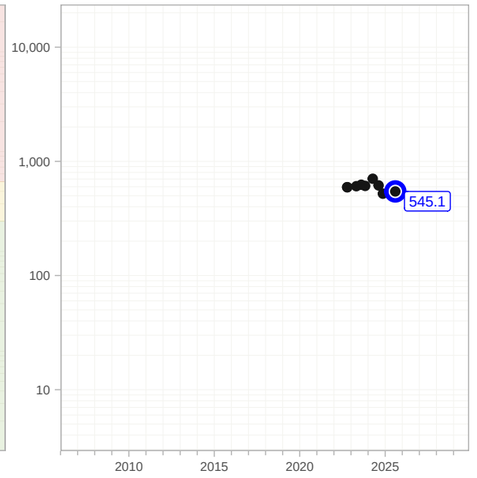
All | N = 9; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



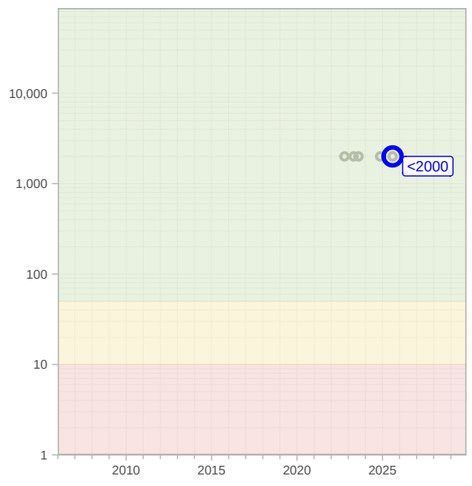
All | N = 9; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



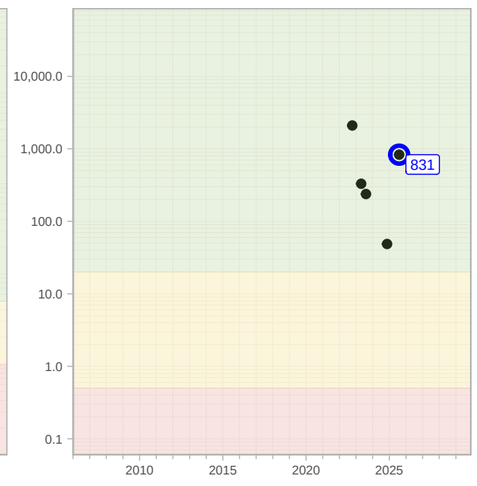
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



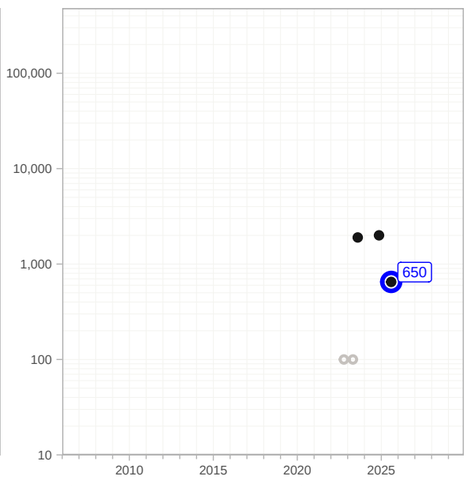
All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Methane (ug/L)



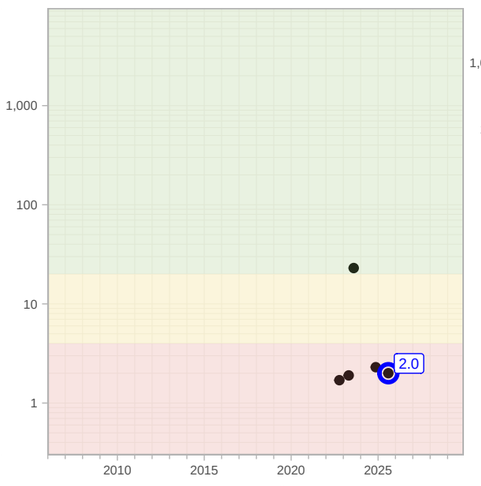
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



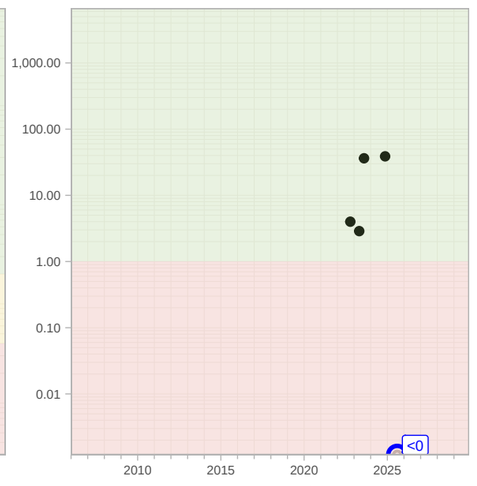
All | N = 5; ND = 2; %ND = 40; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 5; ND = 1; %ND = 20; M−K = insufficient data

Notes:
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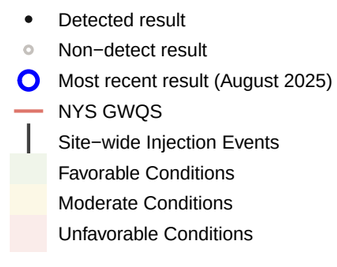
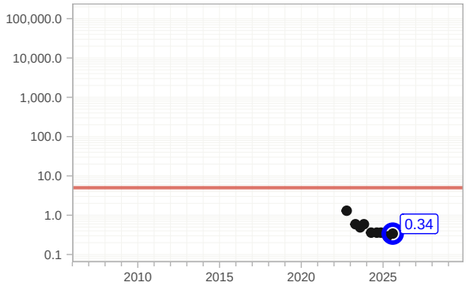


BP−42AI (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

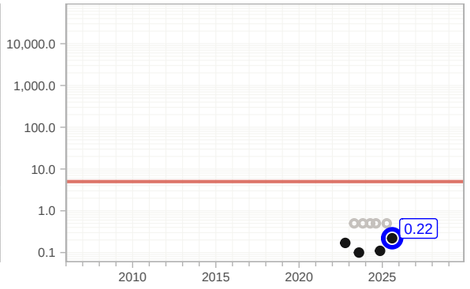
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

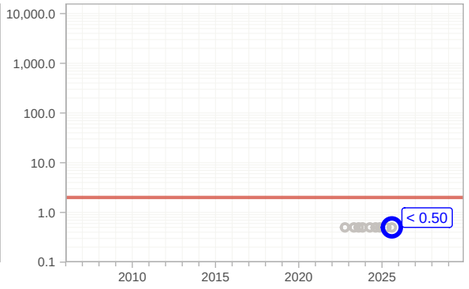
NYS GWQS = 5 ug/L



All | N = 9; ND = 5; %ND = 55.6; M−K = stable

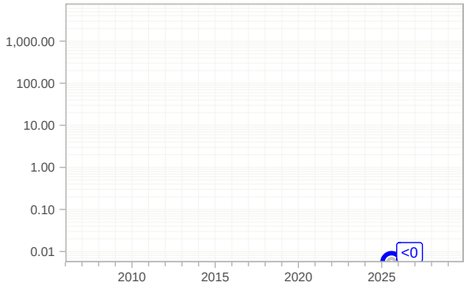
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



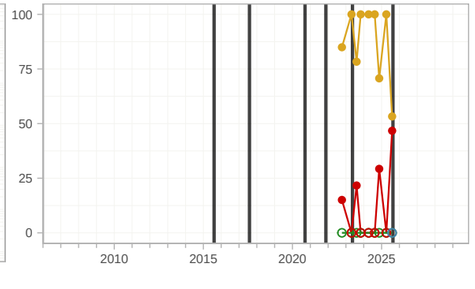
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



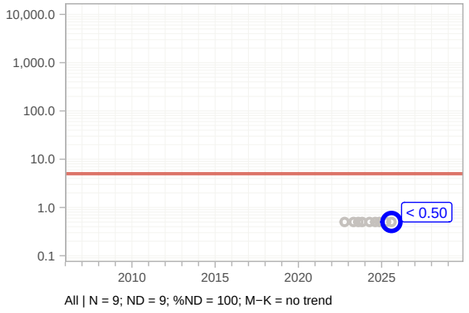
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

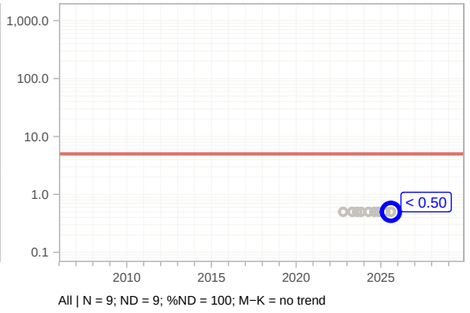
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

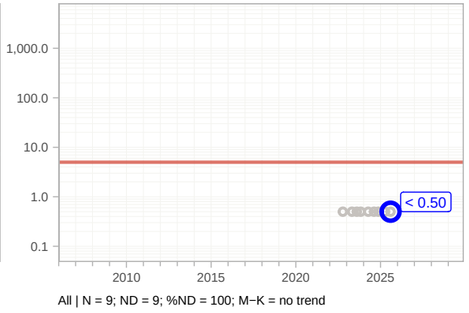
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

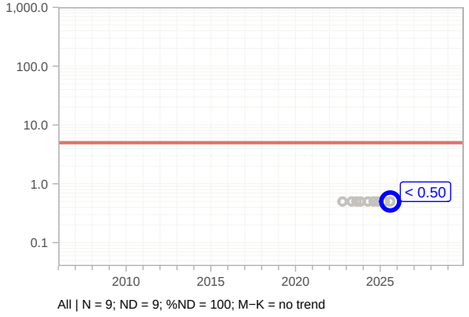
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

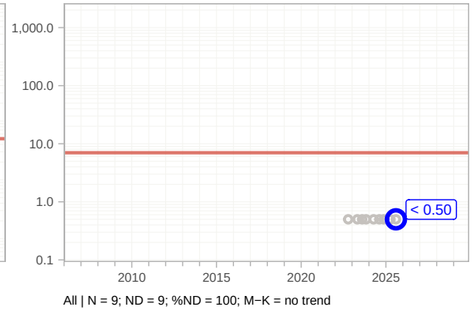
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

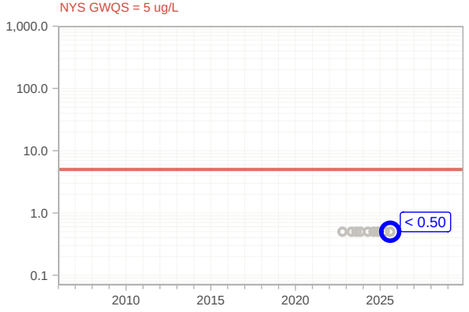
NYS GWQS = 7 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

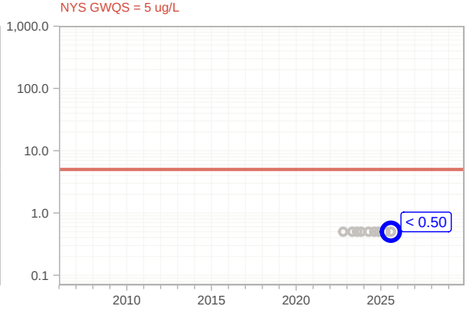
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloromethane (ug/L)

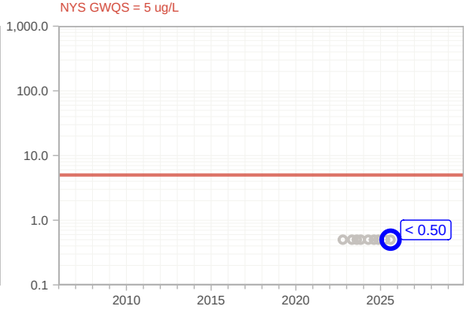
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

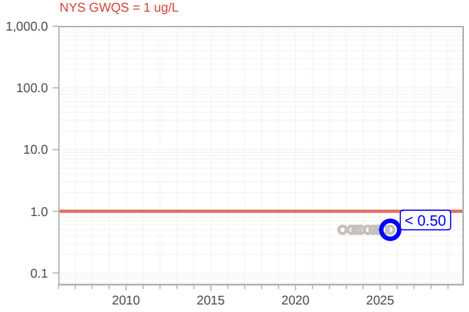
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

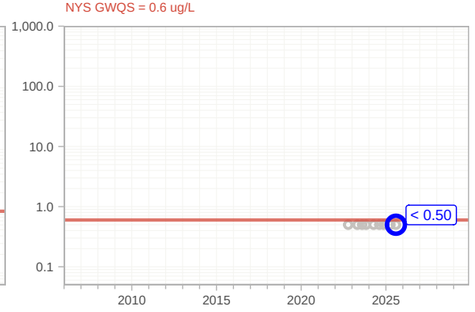
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

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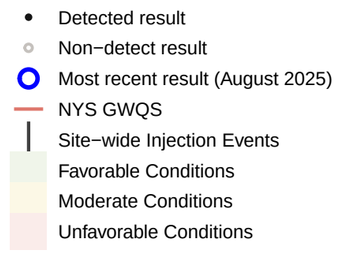

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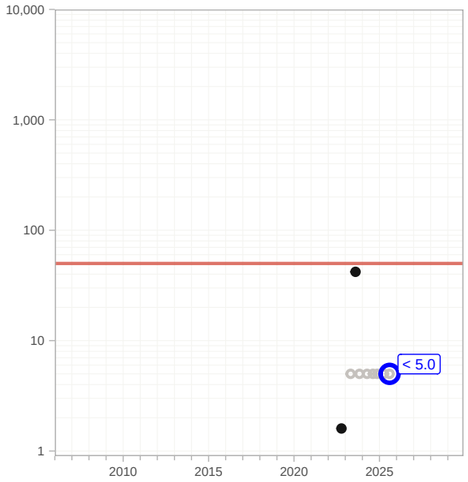
Acetone (ug/L)

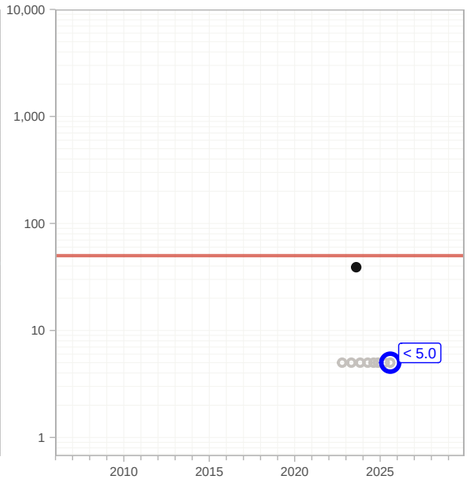
NYS GWQS = 50 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

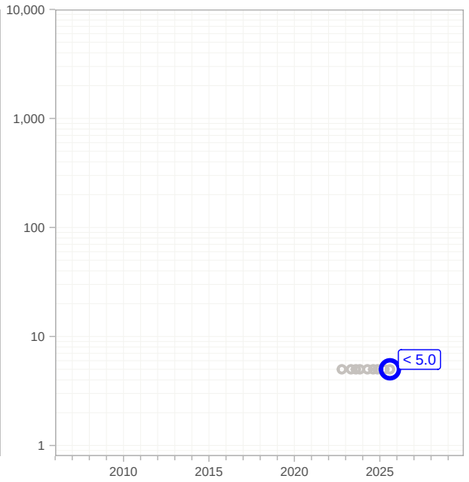
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

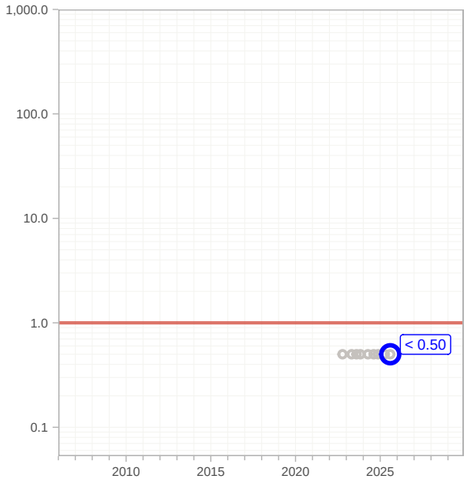
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)

NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Toluene (ug/L)

NYS GWQS = 5 ug/L

All | N = 9; ND = 9; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)

NYS GWQS = 5 ug/L

All | N = 9; ND = 9; %ND = 100; M−K = no trend

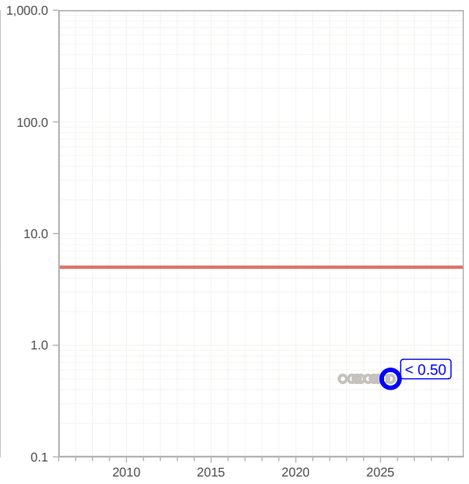
Isopropylbenzene (Cumene) (ug/L)

NYS GWQS = 5 ug/L

All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

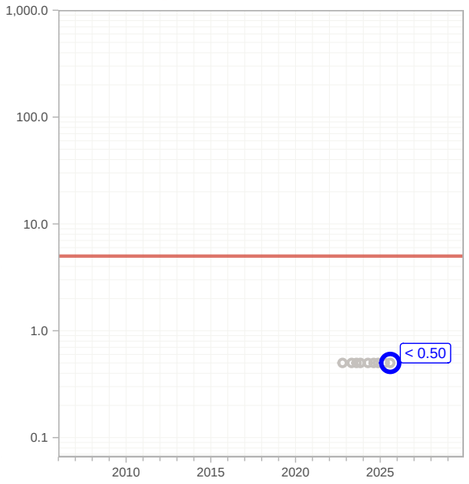
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
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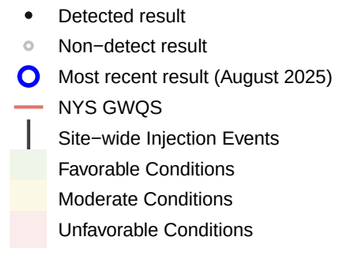
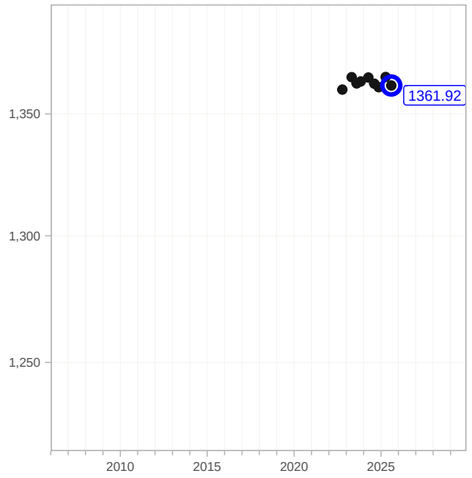
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



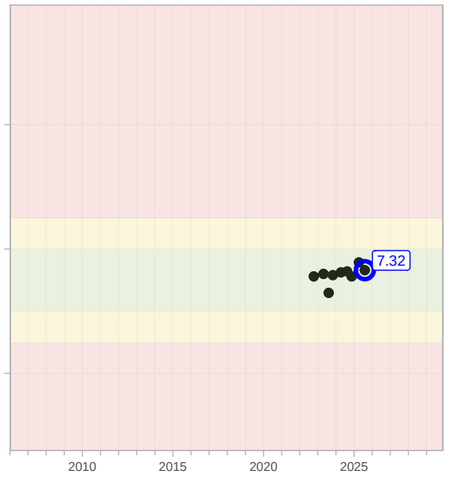
BP−42AI (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



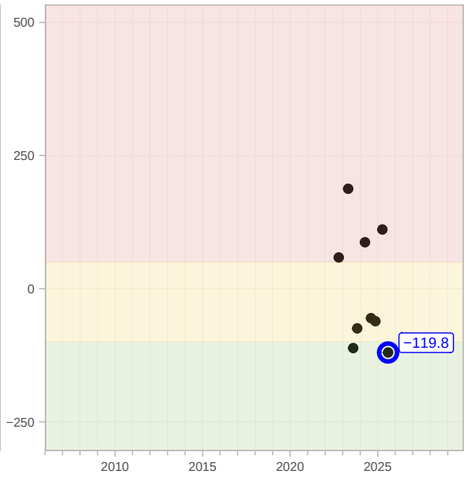
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



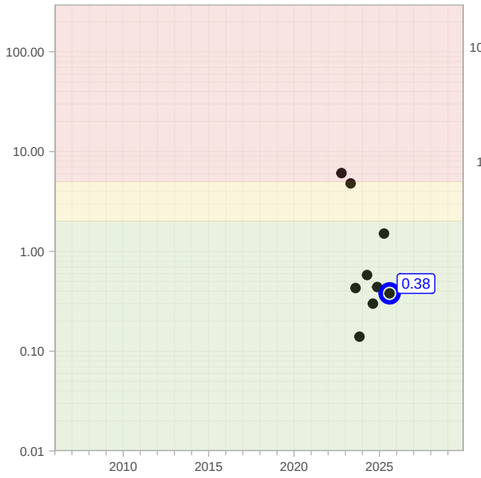
All | N = 9; ND = 0; %ND = 0; M−K = probably increasing

Oxidation/Reduction Potential (mV)



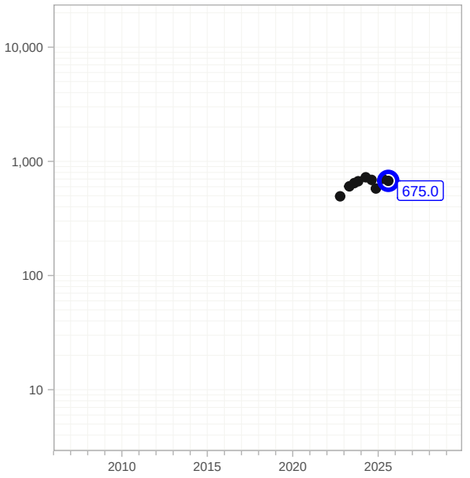
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



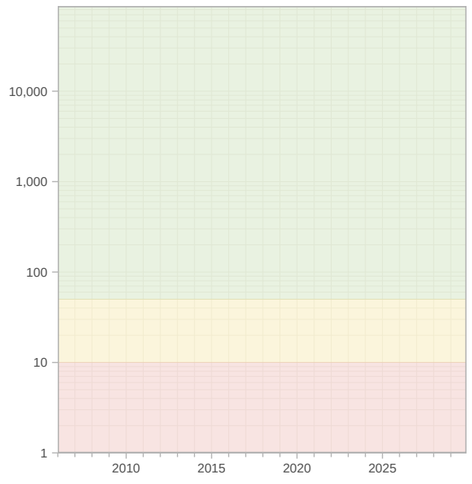
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



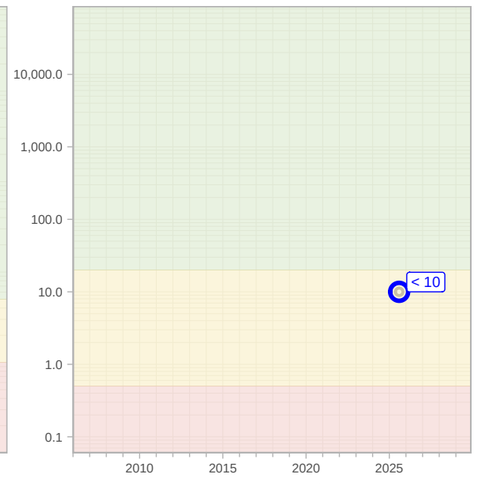
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide



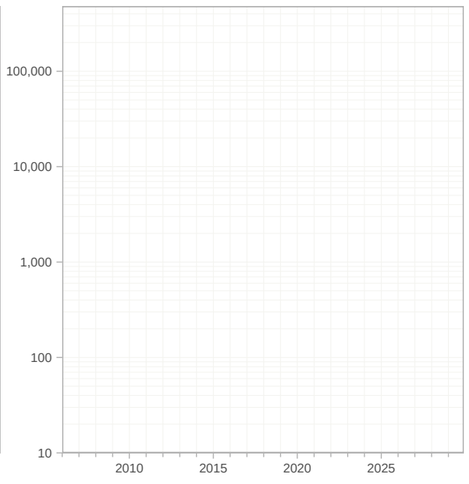
No Data

Methane (ug/L)



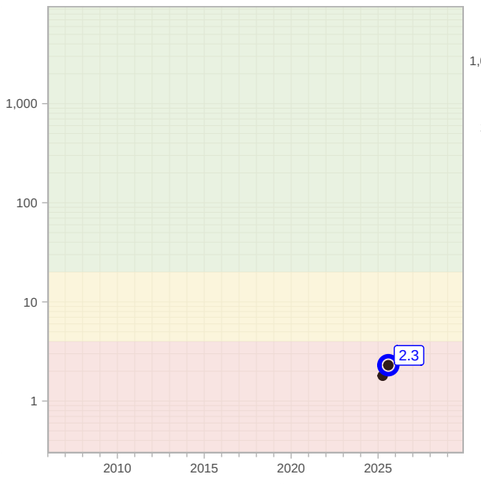
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Iron − Ferrous



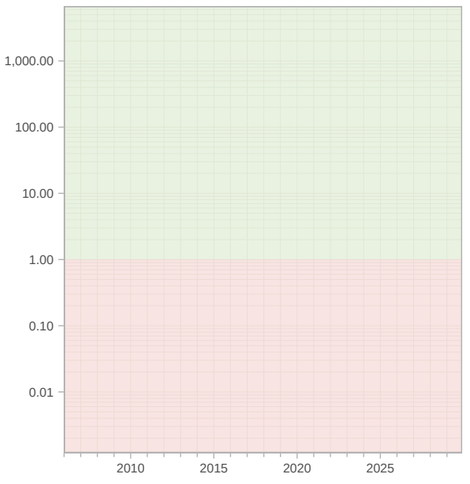
No Data

Total Organic Carbon (mg/L)



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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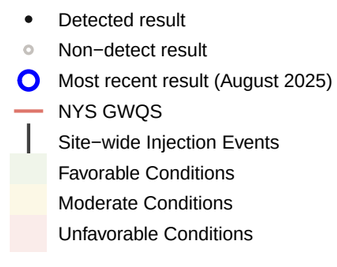
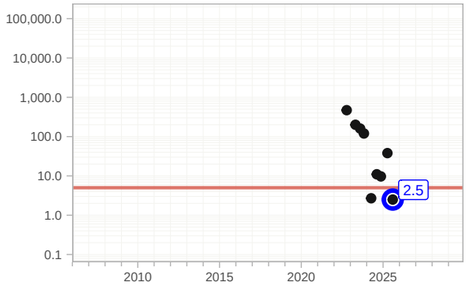


BP−42AS (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

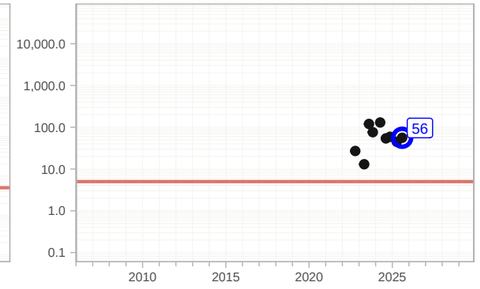
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

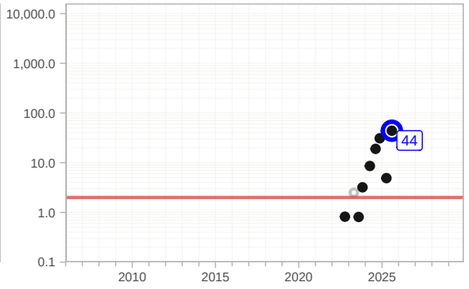
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

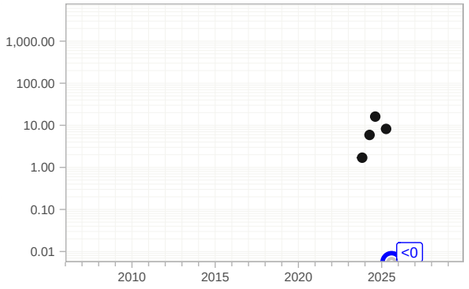
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



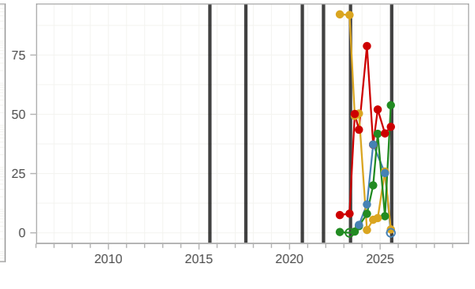
All | N = 9; ND = 1; %ND = 11.1; M−K = strong increasing

Ethane + Ethene (ug/L)



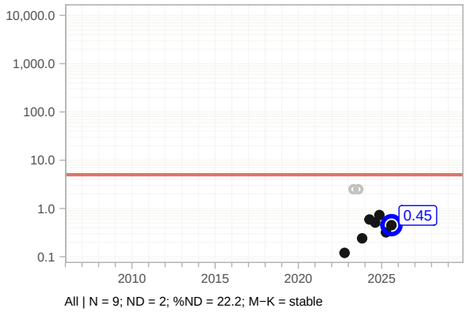
All | N = 5; ND = 1; %ND = 20; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

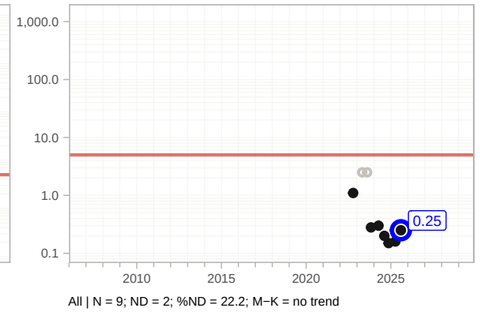
NYS GWQS = 5 ug/L



All | N = 9; ND = 2; %ND = 22.2; M−K = stable

Dichloroethene (1,1−) (ug/L)

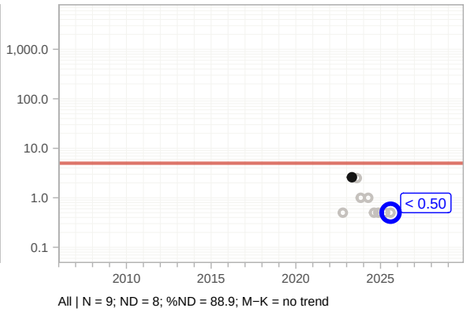
NYS GWQS = 5 ug/L



All | N = 9; ND = 2; %ND = 22.2; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

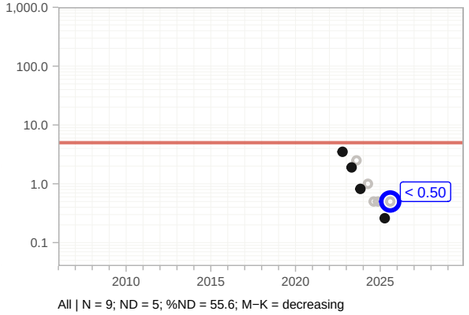
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Carbon tetrachloride (ug/L)

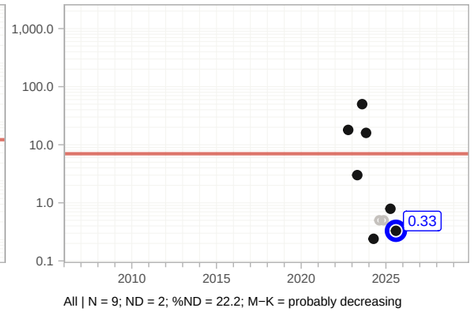
NYS GWQS = 5 ug/L



All | N = 9; ND = 5; %ND = 55.6; M−K = decreasing

Chloroform (Trichloromethane) (ug/L)

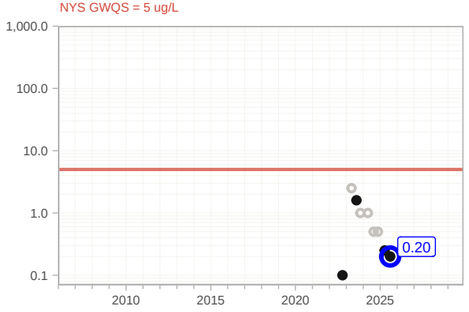
NYS GWQS = 7 ug/L



All | N = 9; ND = 2; %ND = 22.2; M−K = probably decreasing

Methylene Chloride (Dichloromethane) (ug/L

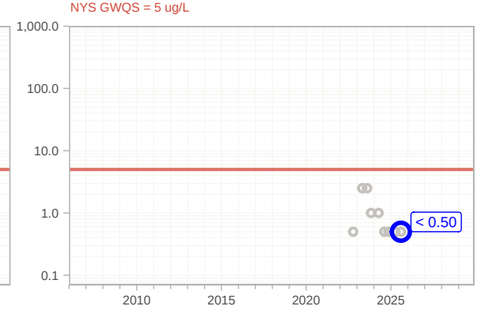
NYS GWQS = 5 ug/L



All | N = 9; ND = 5; %ND = 55.6; M−K = no trend

Chloromethane (ug/L)

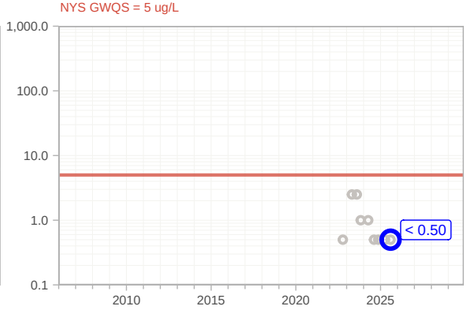
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

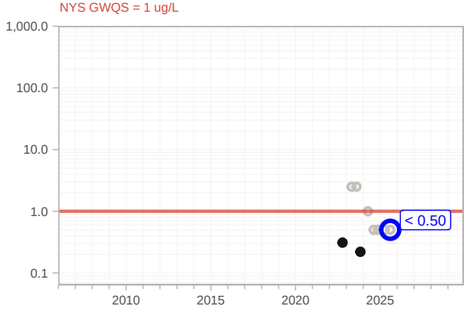
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

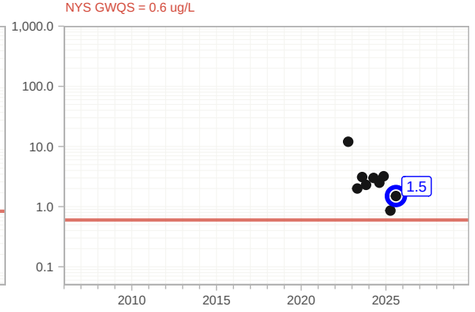
NYS GWQS = 1 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

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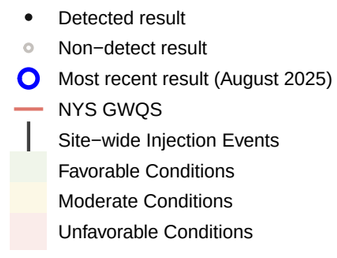
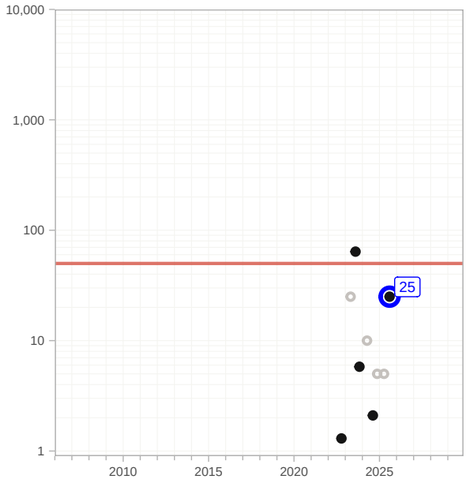


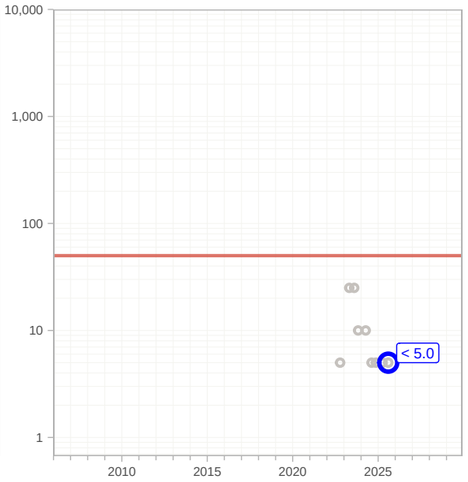
BP−42AS (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



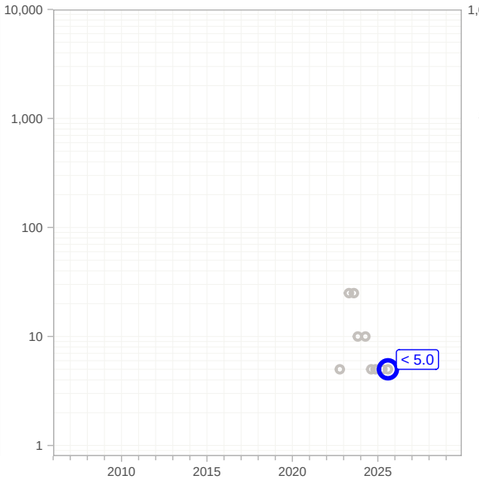
All | N = 9; ND = 4; %ND = 44.4; M−K = no trend

Butanone (2−) (MEK) (ug/L)



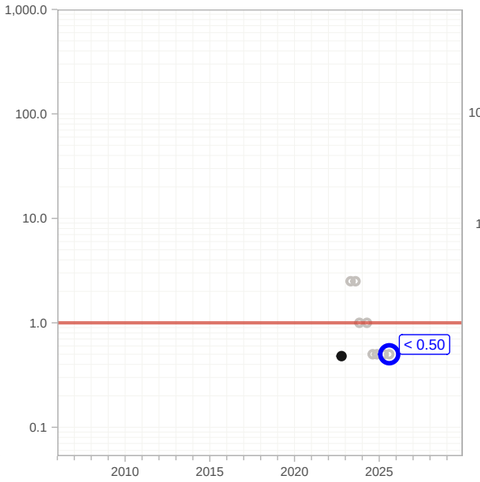
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



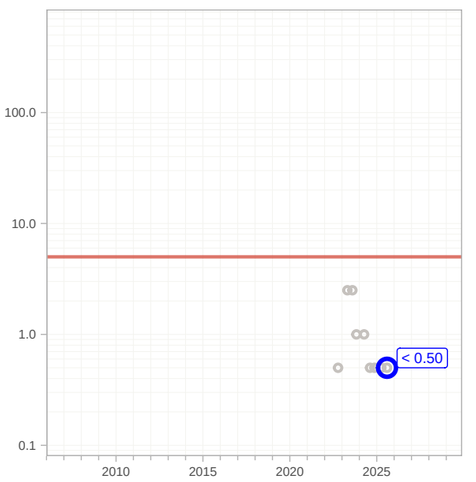
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)



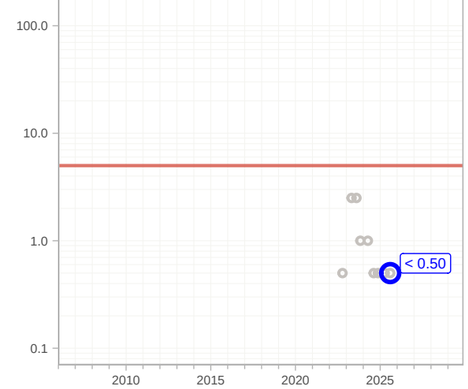
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Toluene (ug/L)



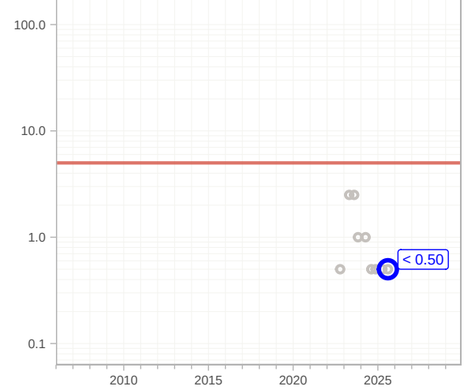
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



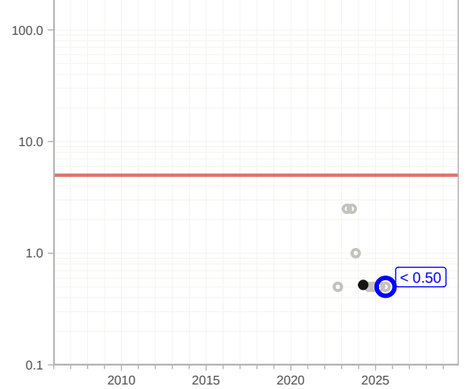
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



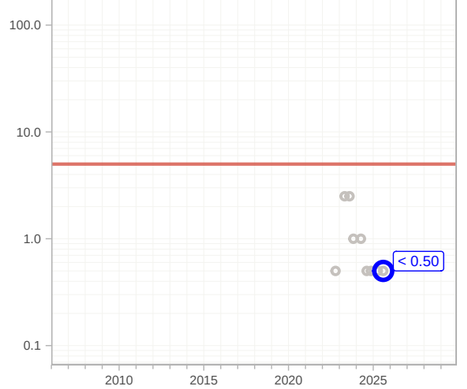
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Xylene (o−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

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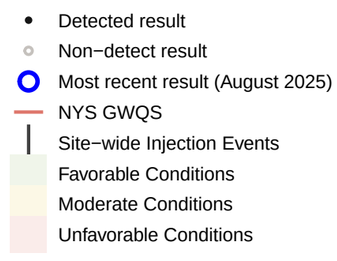
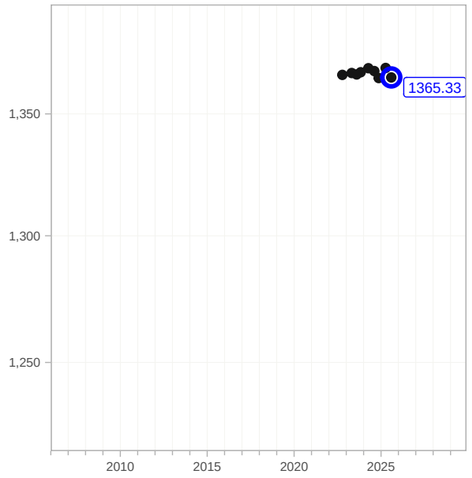
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



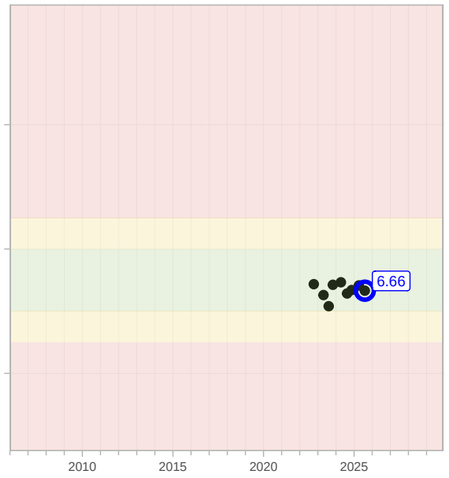
BP−42AS (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



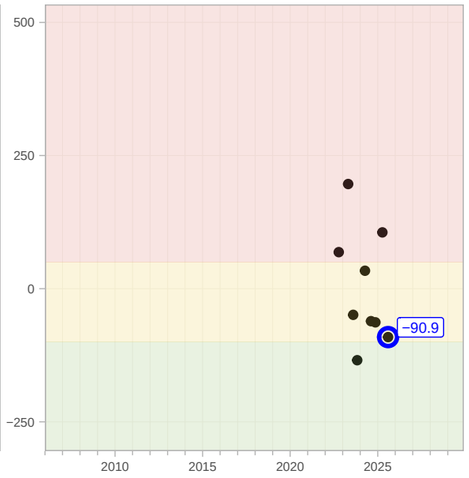
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



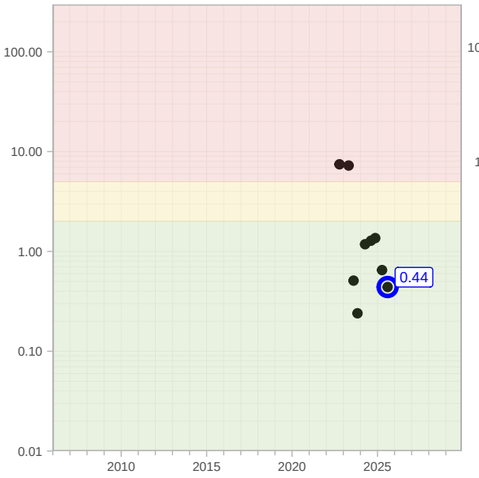
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



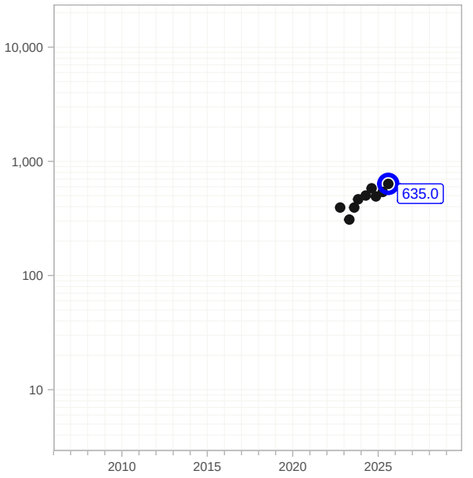
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



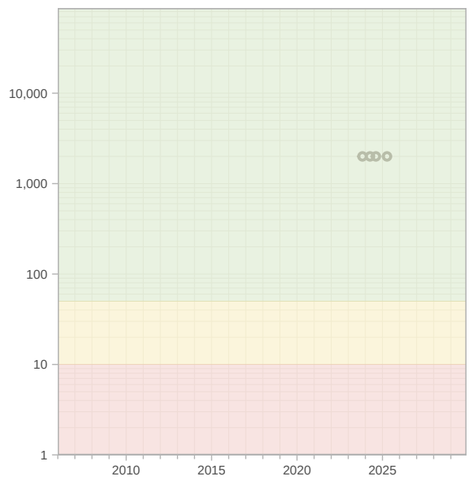
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



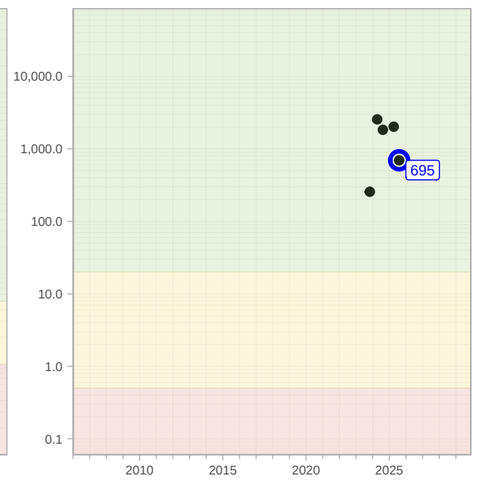
All | N = 9; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



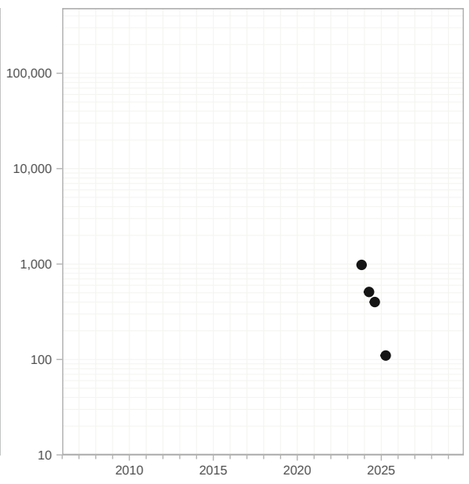
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Methane (ug/L)



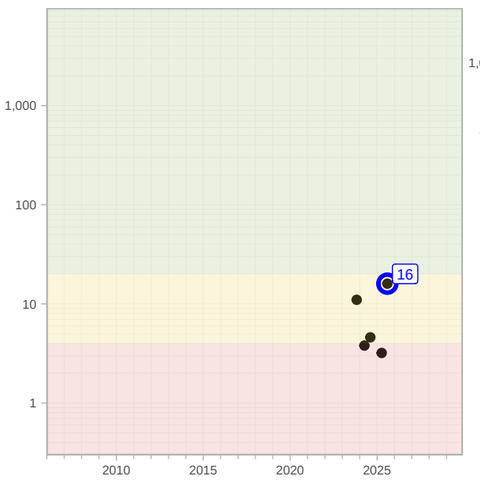
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



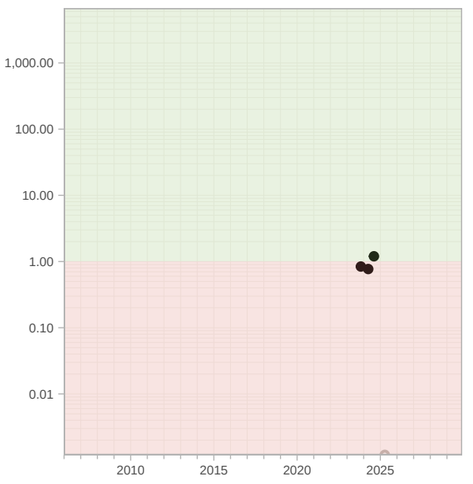
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 4; ND = 1; %ND = 25; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
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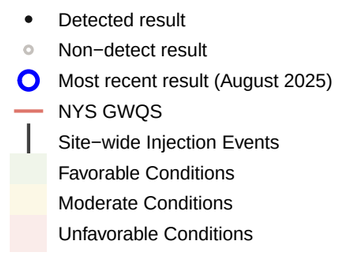
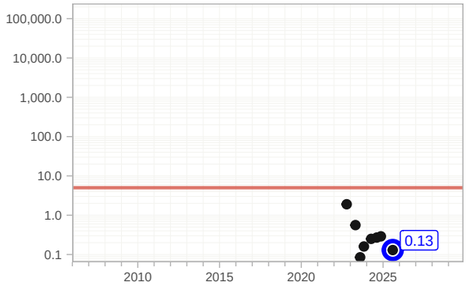


BP−43AD (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

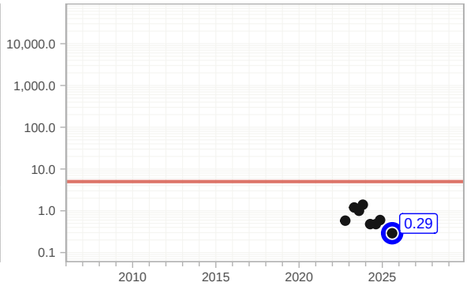
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

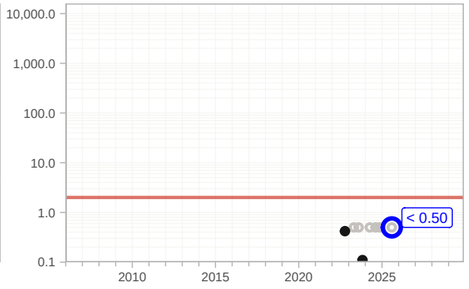
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = stable

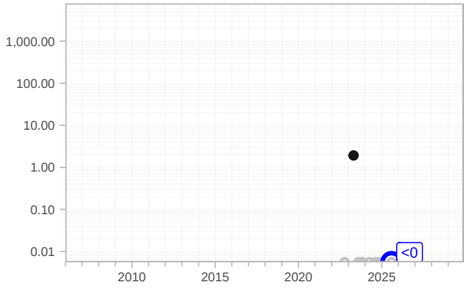
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



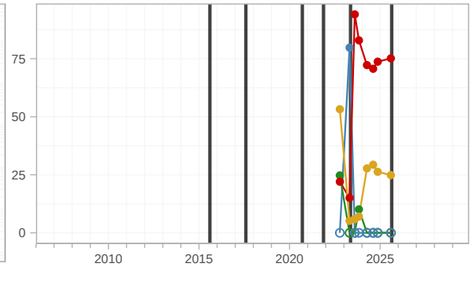
All | N = 8; ND = 6; %ND = 75; M−K = no trend

Ethane + Ethene (ug/L)



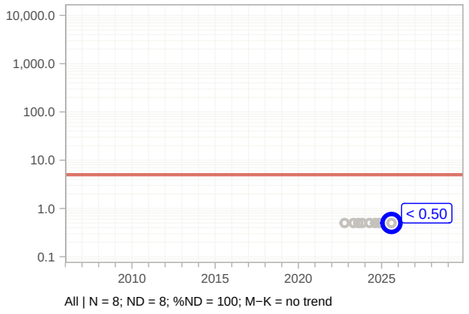
All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

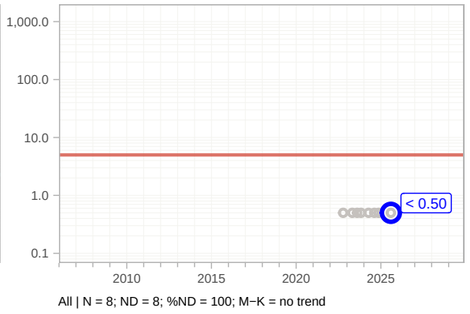
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

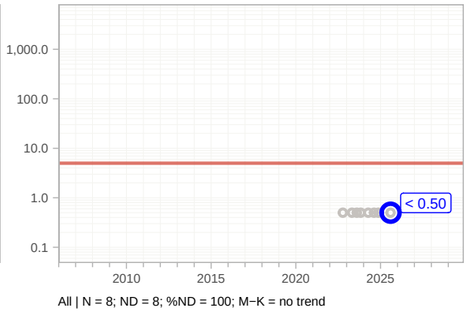
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

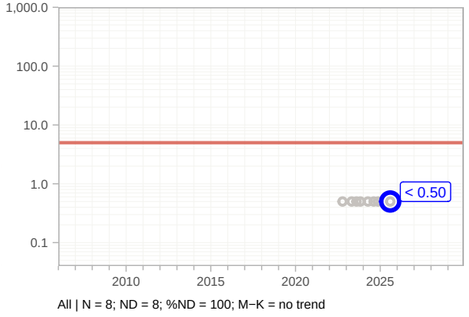
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

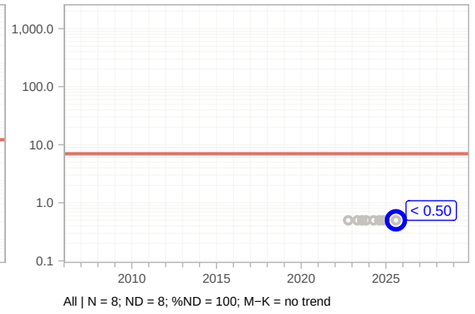
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

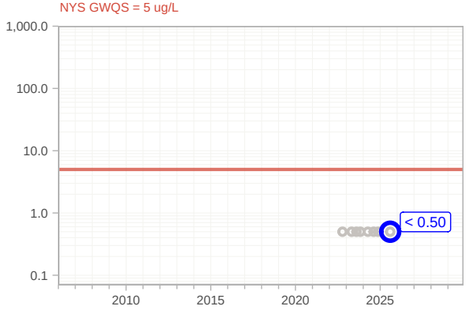
NYS GWQS = 7 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

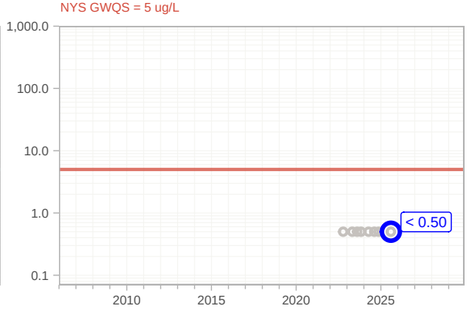
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloromethane (ug/L)

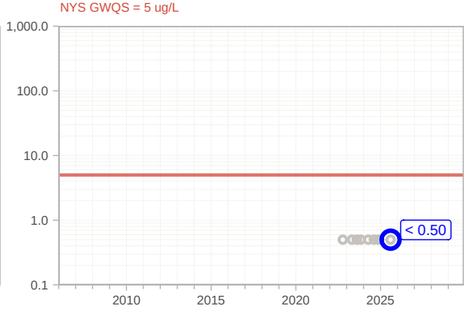
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

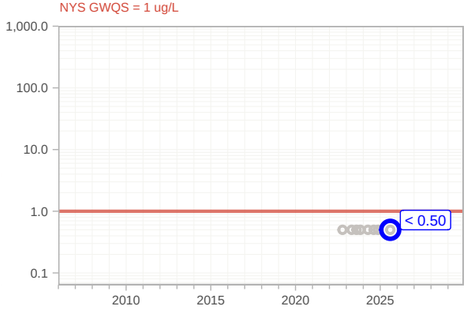
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

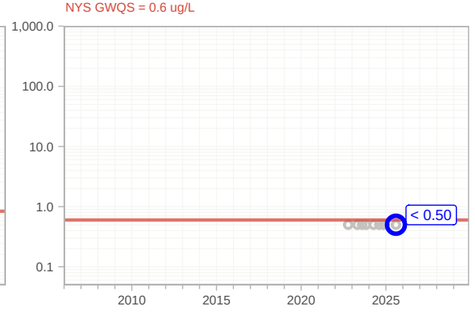
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Notes:
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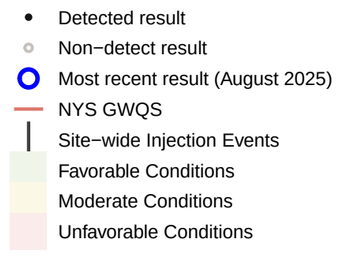
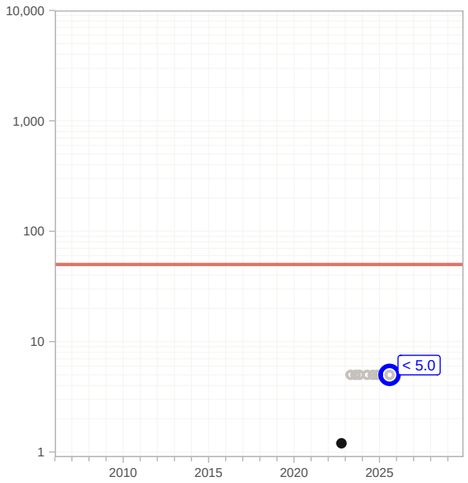


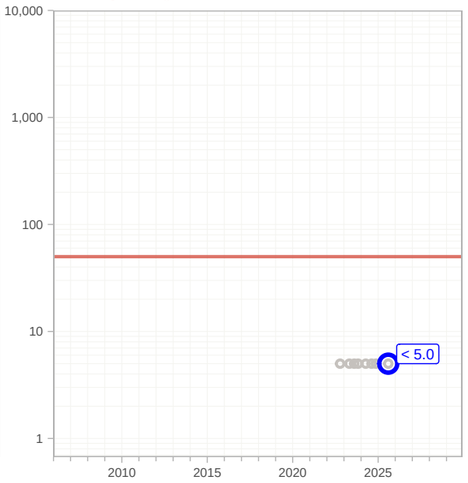
BP−43AD (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



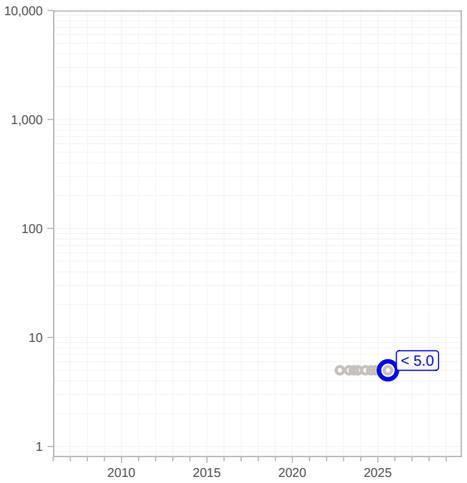
All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Butanone (2−) (MEK) (ug/L)



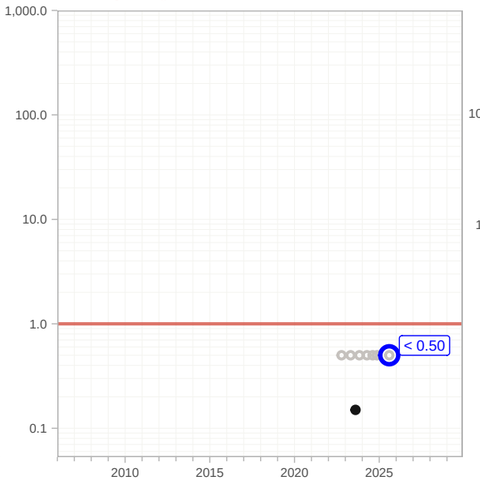
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



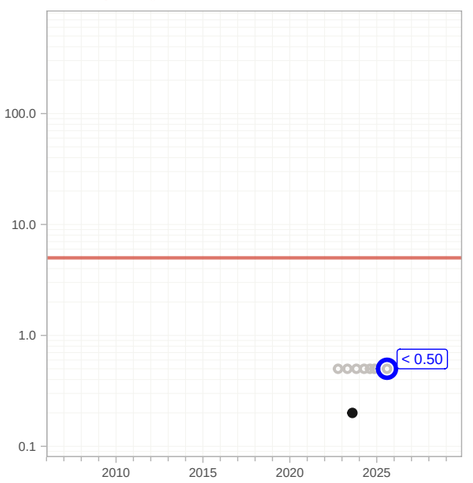
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Toluene (ug/L)

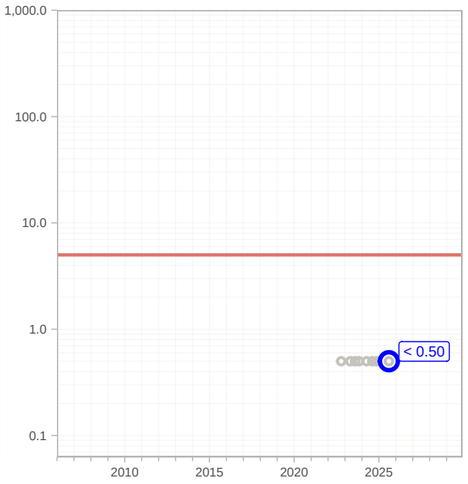


All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Ethylbenzene (ug/L)

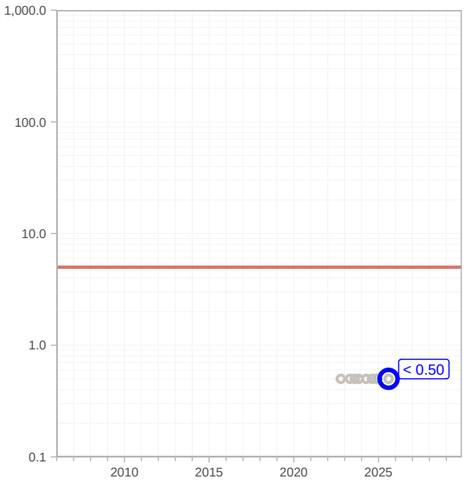
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

All | N = 8; ND = 8; %ND = 100; M−K = no trend

Notes:
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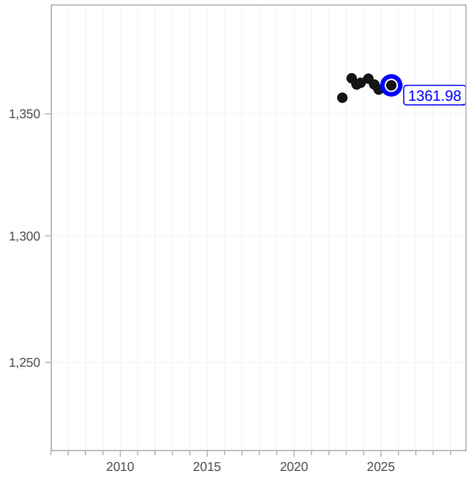
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

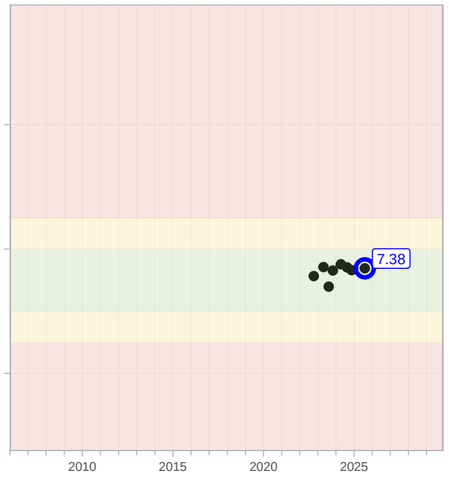
BP−43AD (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



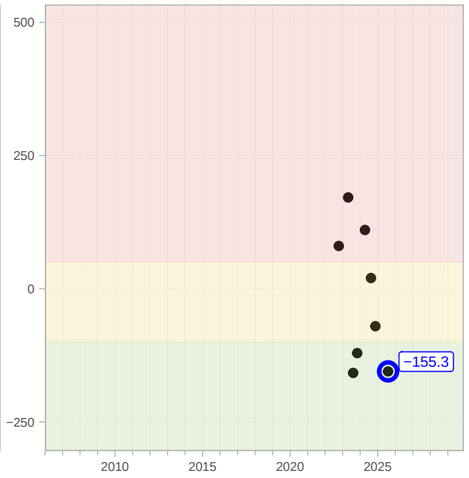
All | N = 8; ND = 0; %ND = 0; M−K = stable

pH (SU)



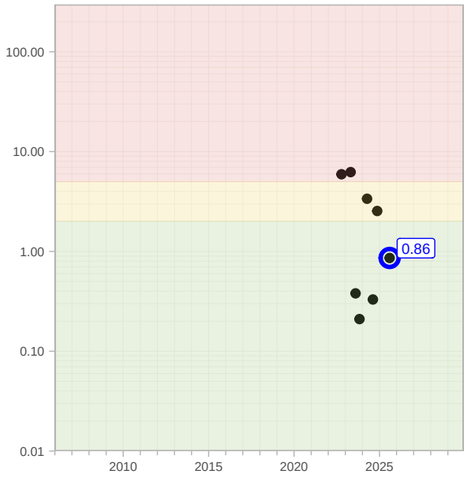
All | N = 8; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



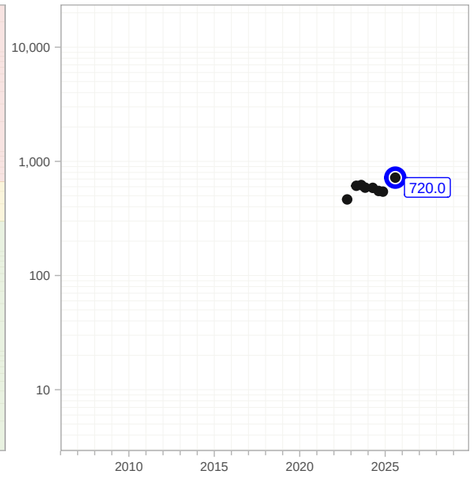
All | N = 8; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



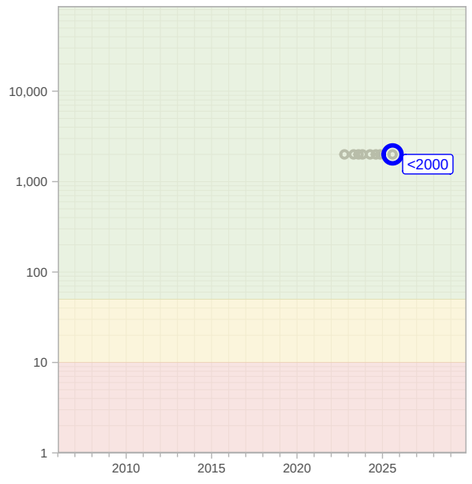
All | N = 8; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



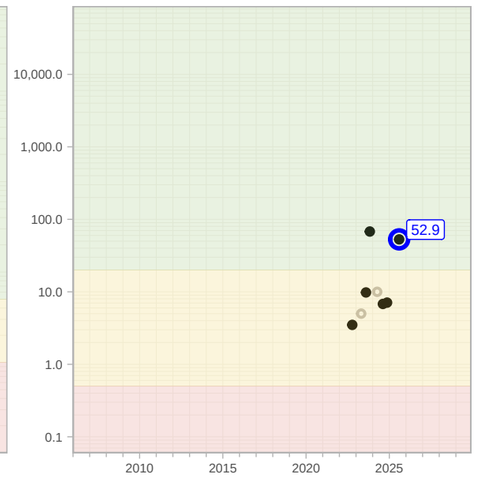
All | N = 8; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



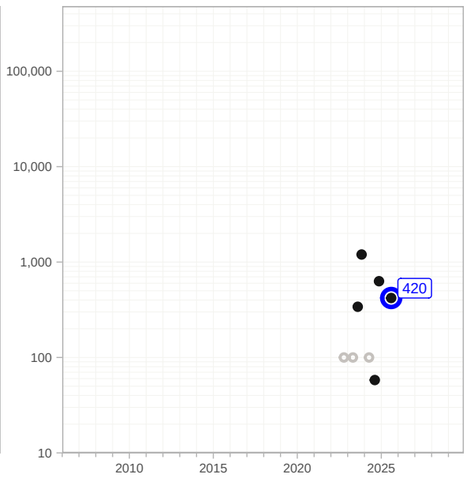
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Methane (ug/L)



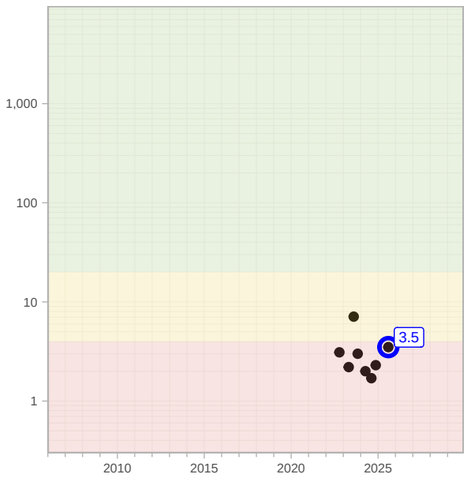
All | N = 8; ND = 2; %ND = 25; M−K = no trend

Iron − Ferrous (ug/L)



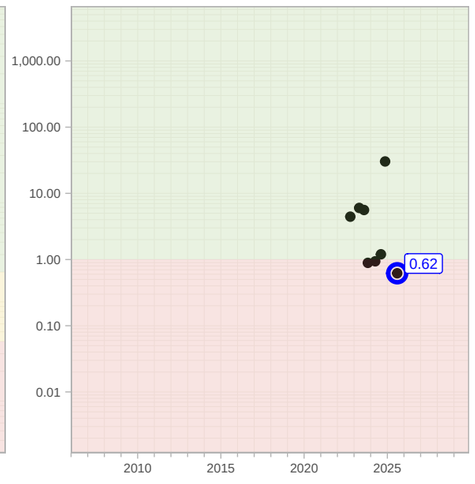
All | N = 8; ND = 3; %ND = 37.5; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 8; ND = 0; %ND = 0; M−K = stable

Total Volatile Fatty Acids (mg/L)



All | N = 8; ND = 0; %ND = 0; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
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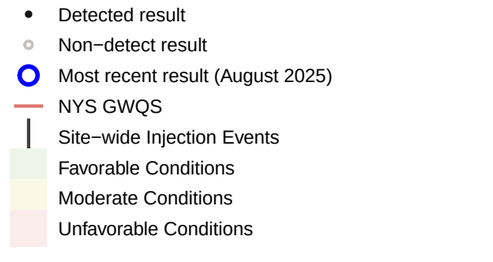
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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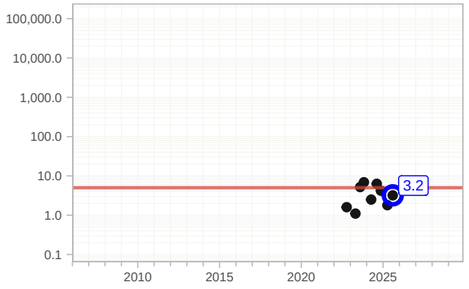
Trichloroethene (TCE) (ug/L)

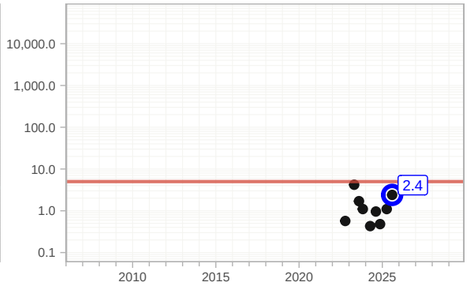
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

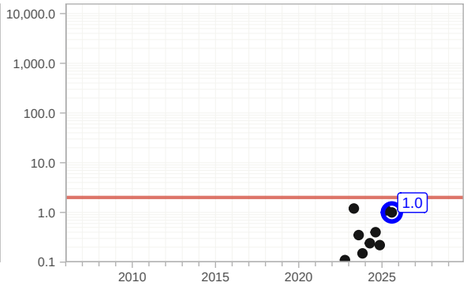
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

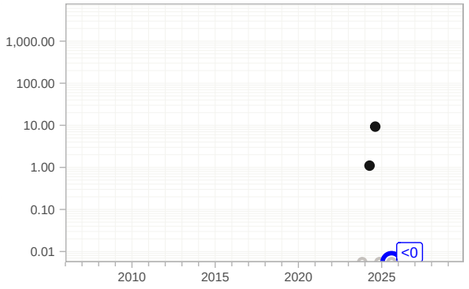
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



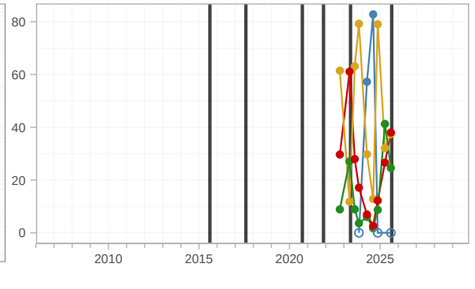
All | N = 9; ND = 0; %ND = 0; M−K = stable

Ethane + Ethene (ug/L)



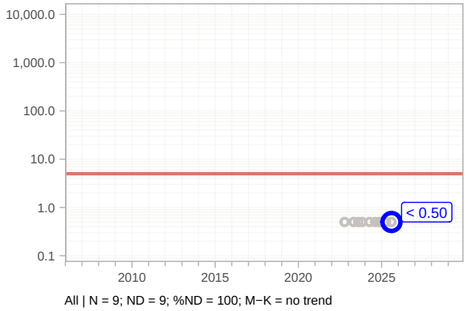
All | N = 5; ND = 3; %ND = 60; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

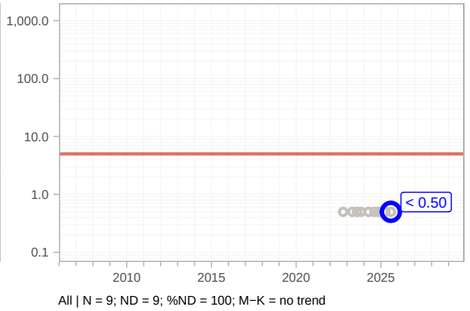
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

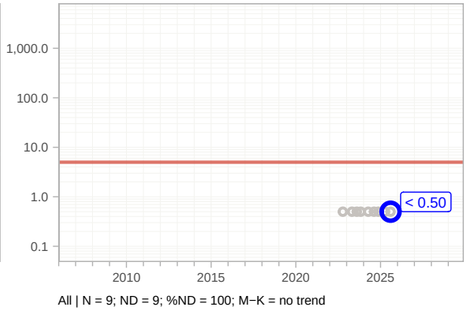
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

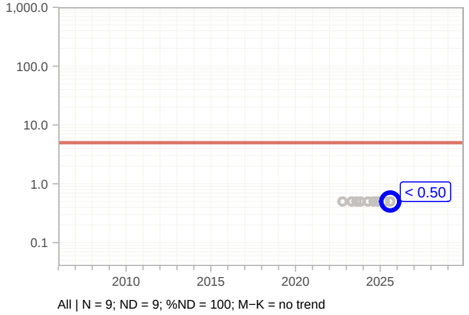
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

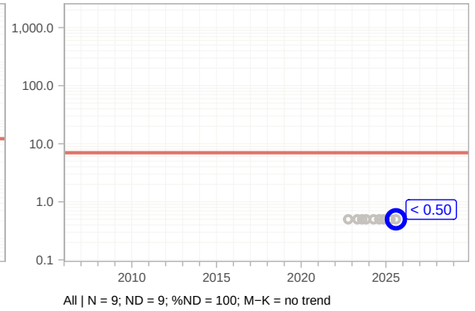
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

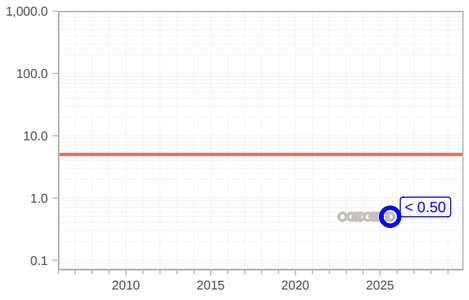
NYS GWQS = 7 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

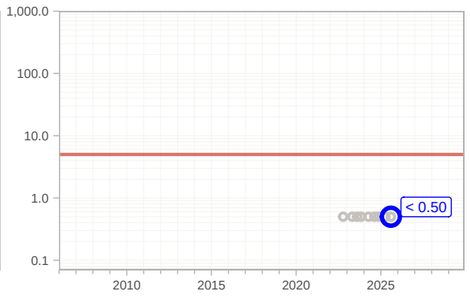
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloromethane (ug/L)

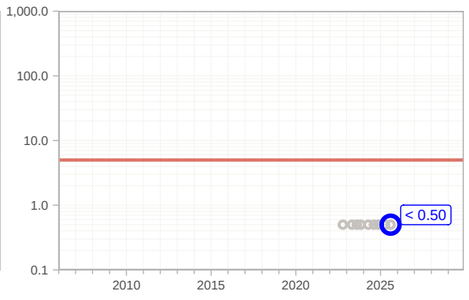
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

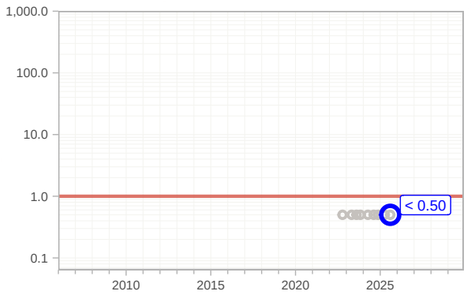
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

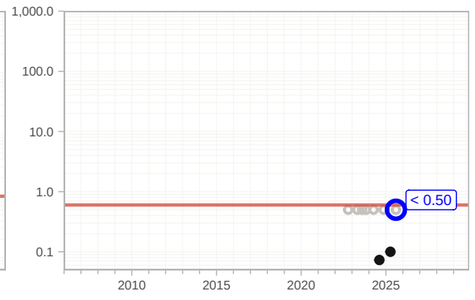
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

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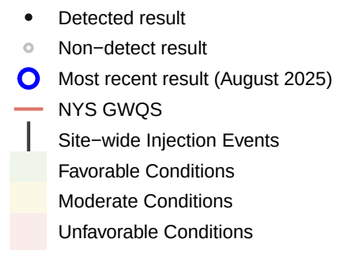

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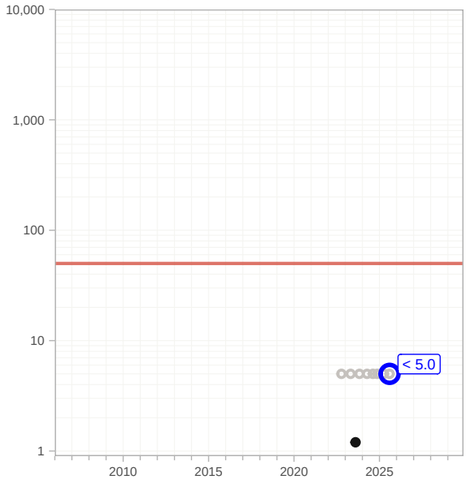
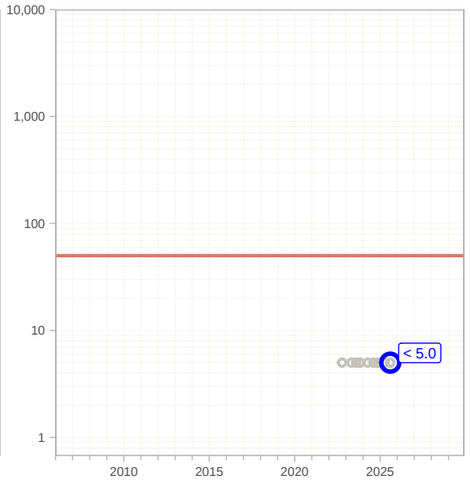
Acetone (ug/L)



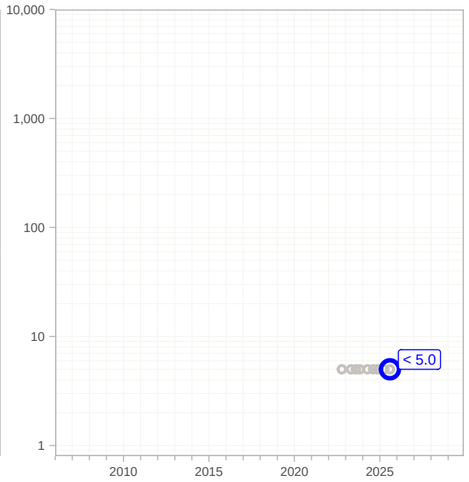
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Butanone (2−) (MEK) (ug/L)



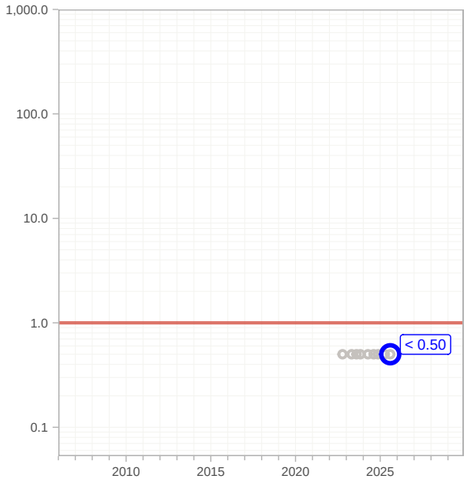
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)

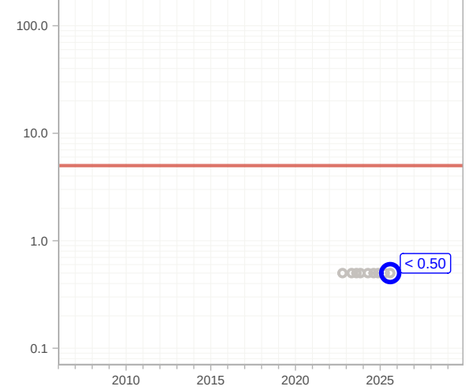


All | N = 9; ND = 9; %ND = 100; M−K = no trend

Toluene (ug/L)

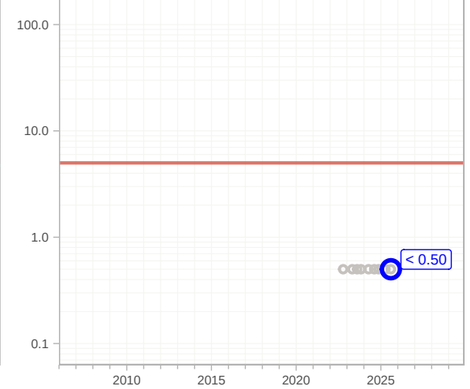
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



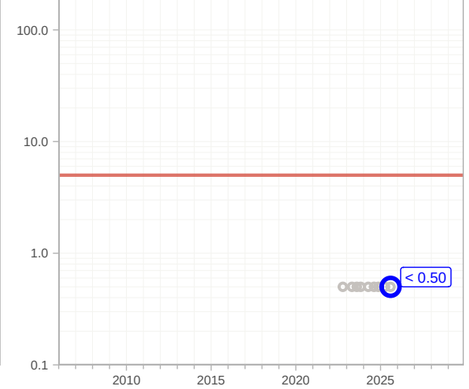
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



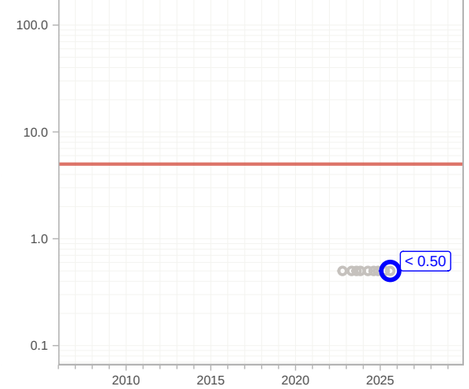
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
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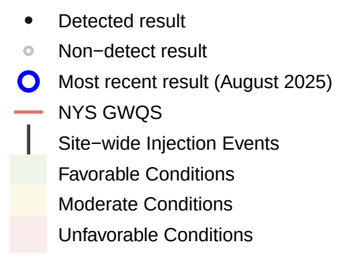

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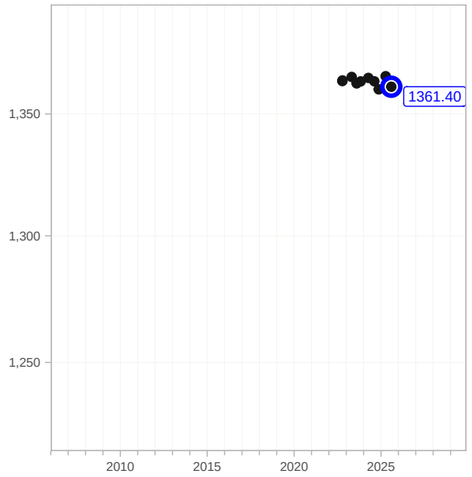
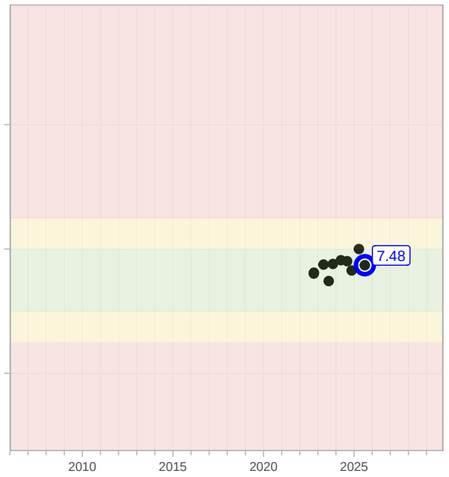
Groundwater Elevation (ft amsl)



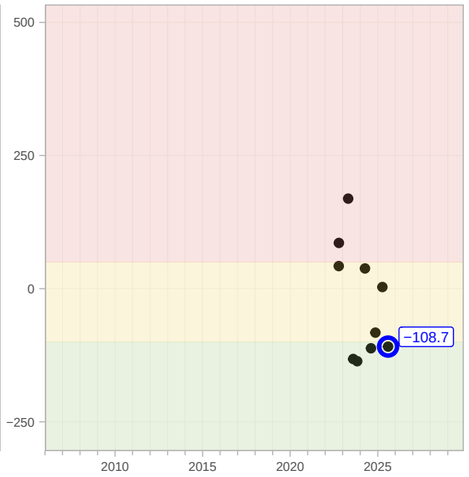
All | N = 10; ND = 0; %ND = 0; M−K = stable

pH (SU)



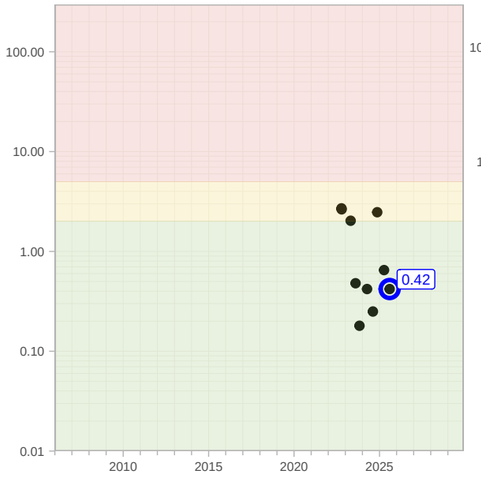
All | N = 10; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



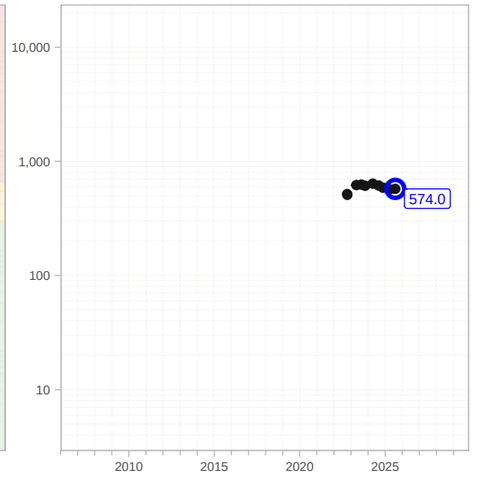
All | N = 10; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



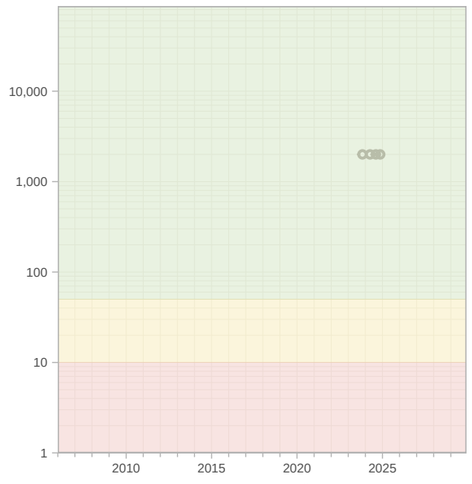
All | N = 10; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



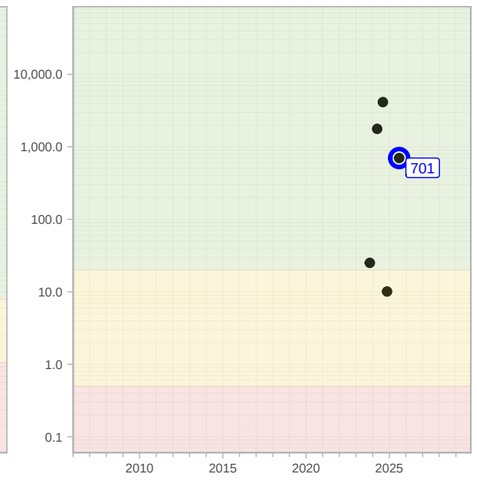
All | N = 10; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



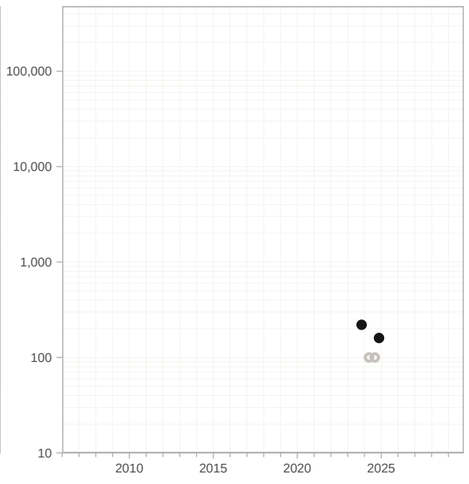
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Methane (ug/L)



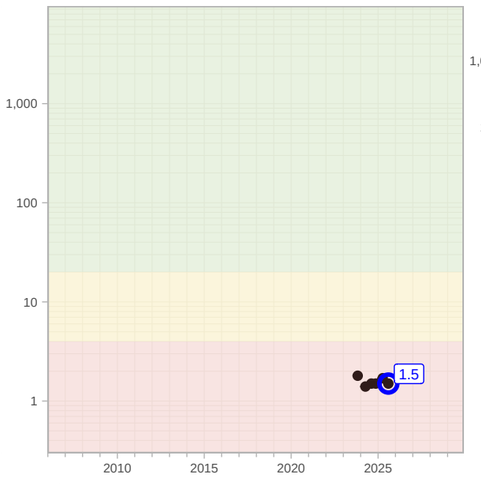
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



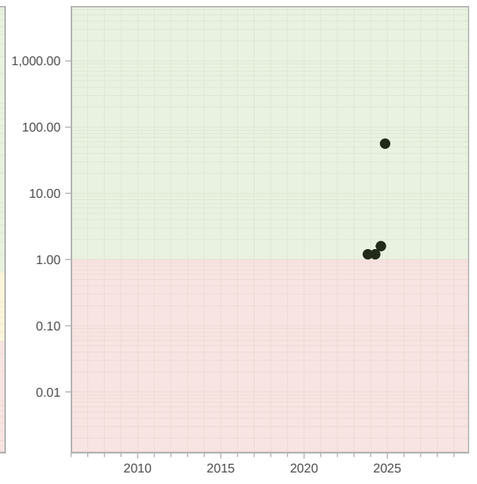
All | N = 4; ND = 2; %ND = 50; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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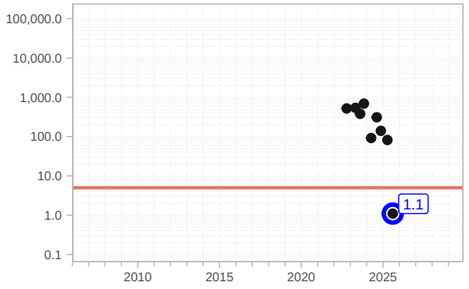
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−43AS (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

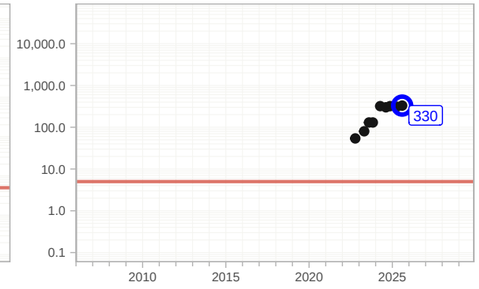
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = decreasing

Dichloroethene (cis−1,2−) (ug/L)

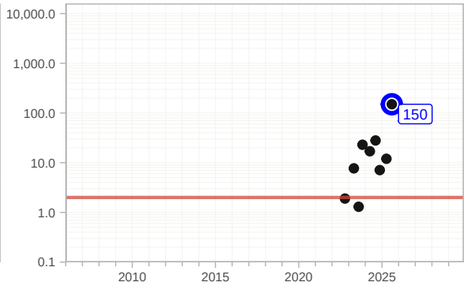
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = strong increasing

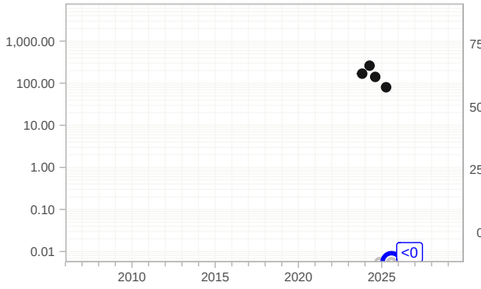
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



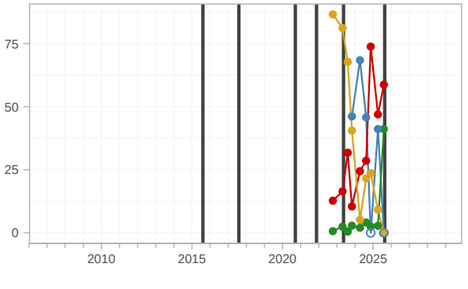
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Ethane + Ethene (ug/L)



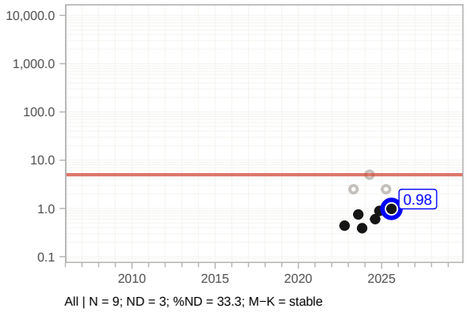
All | N = 6; ND = 2; %ND = 33.3; M−K = probably decreasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

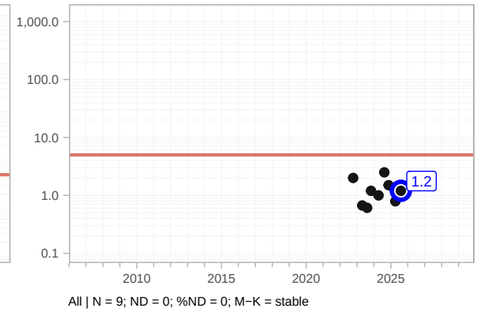
NYS GWQS = 5 ug/L



All | N = 9; ND = 3; %ND = 33.3; M−K = stable

Dichloroethene (1,1−) (ug/L)

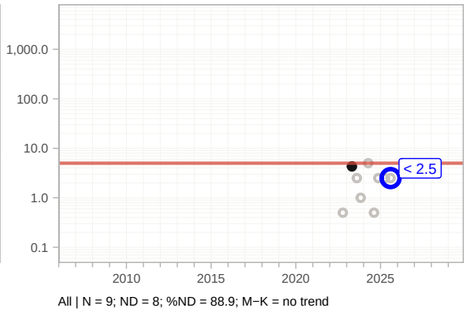
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

Tetrachloroethene (PCE) (ug/L)

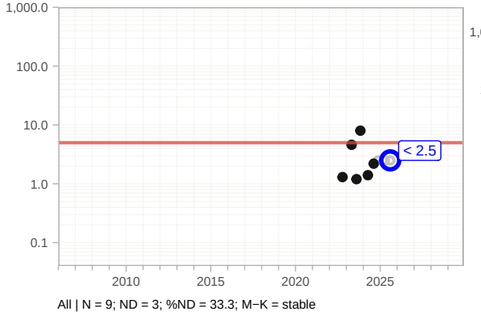
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Carbon tetrachloride (ug/L)

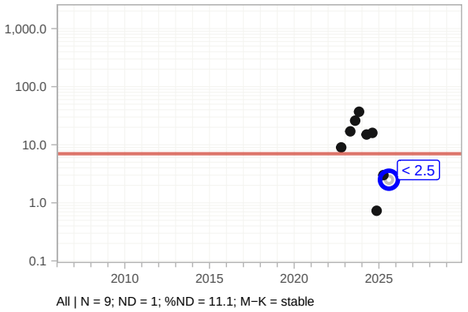
NYS GWQS = 5 ug/L



All | N = 9; ND = 3; %ND = 33.3; M−K = stable

Chloroform (Trichloromethane) (ug/L)

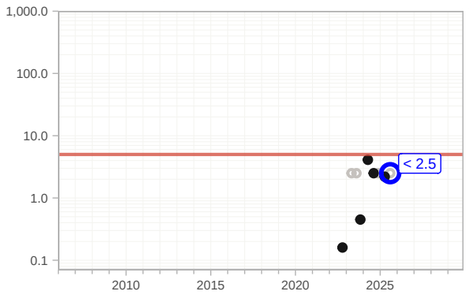
NYS GWQS = 7 ug/L



All | N = 9; ND = 1; %ND = 11.1; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

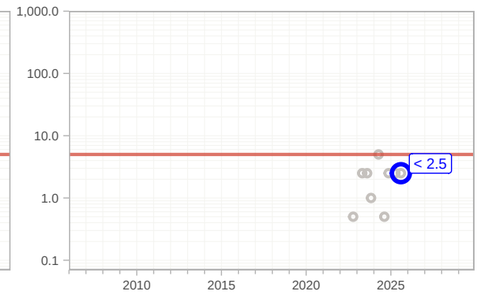
NYS GWQS = 5 ug/L



All | N = 9; ND = 4; %ND = 44.4; M−K = no trend

Chloromethane (ug/L)

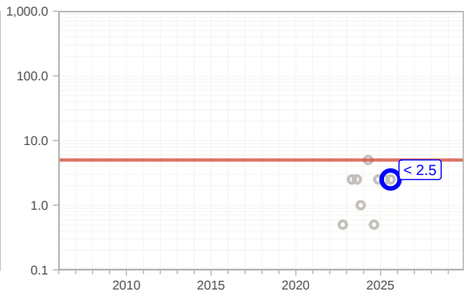
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

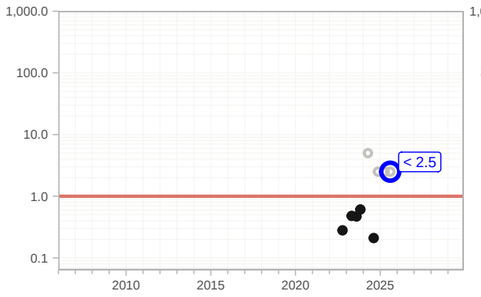
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

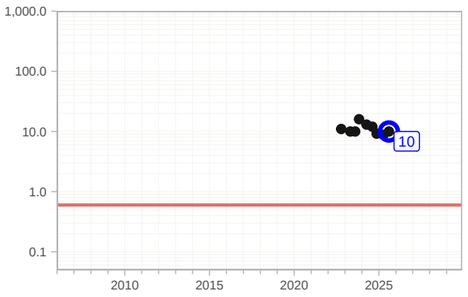
NYS GWQS = 1 ug/L



All | N = 9; ND = 4; %ND = 44.4; M−K = stable

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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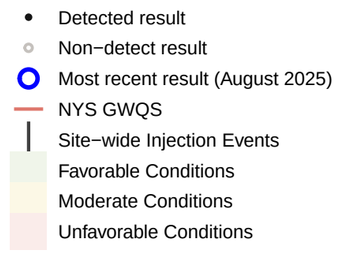
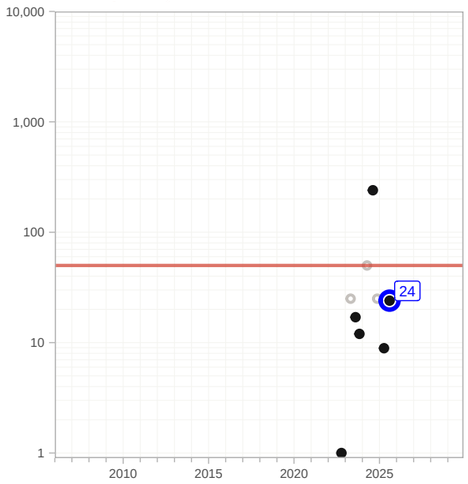


BP−43AS (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

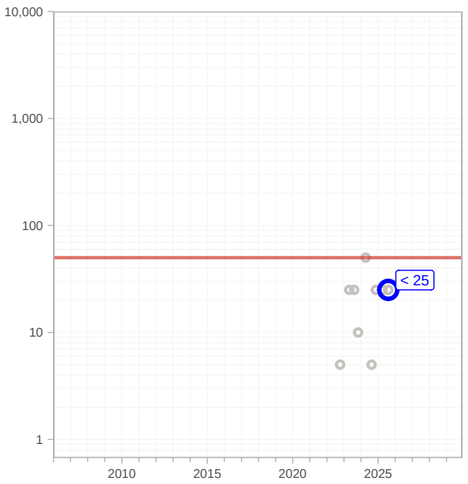
NYS GWQS = 50 ug/L



All | N = 9; ND = 3; %ND = 33.3; M−K = no trend

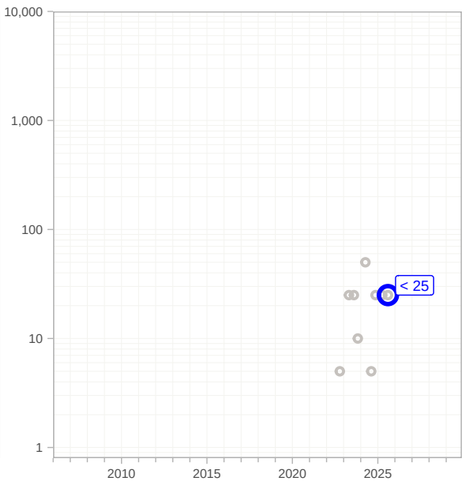
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

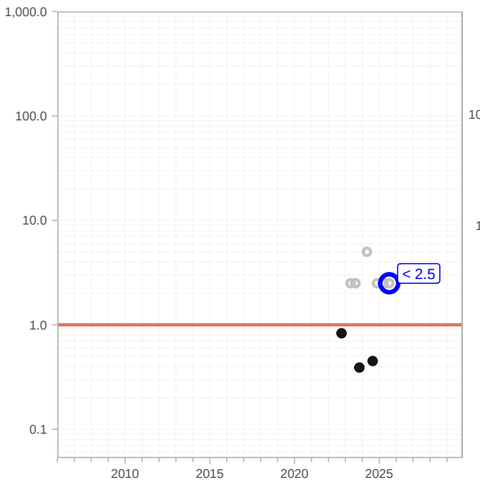
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)

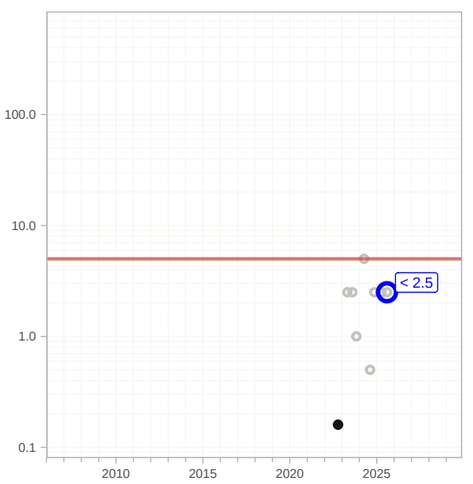
NYS GWQS = 1 ug/L



All | N = 9; ND = 6; %ND = 66.7; M−K = no trend

Toluene (ug/L)

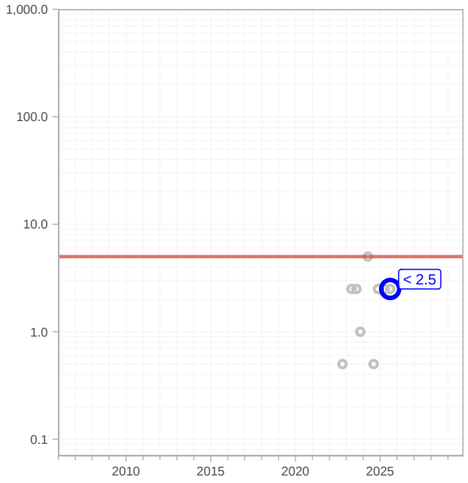
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Ethylbenzene (ug/L)

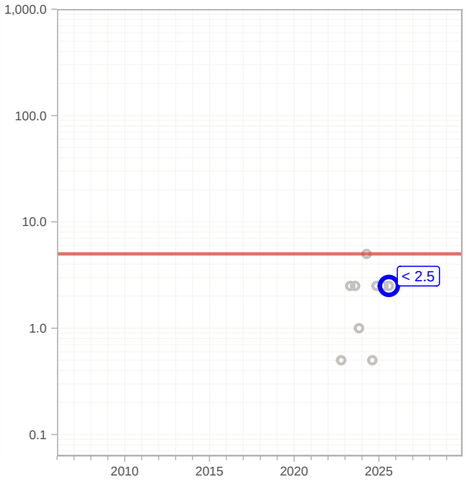
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

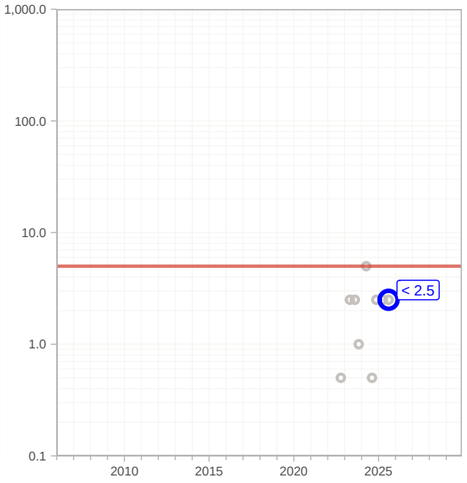
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

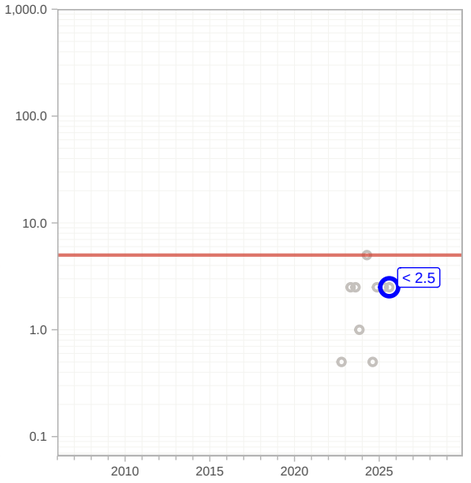
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
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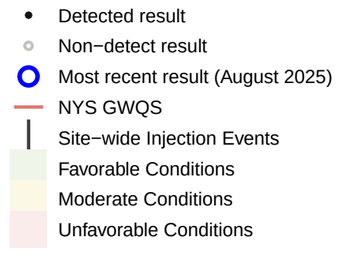

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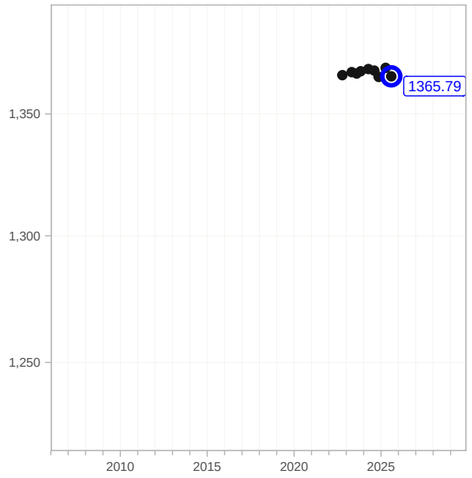
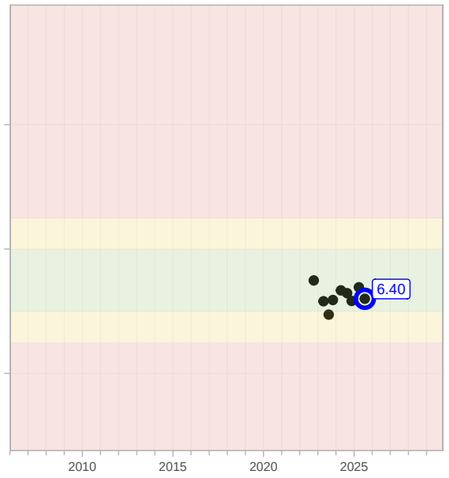
Groundwater Elevation (ft amsl)



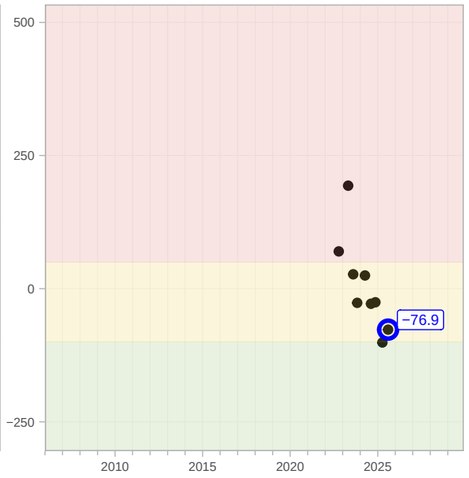
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



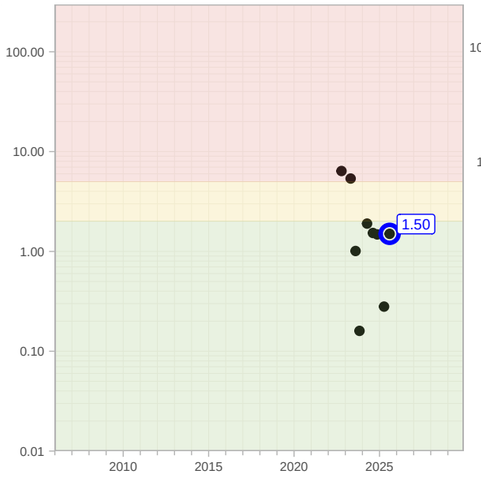
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



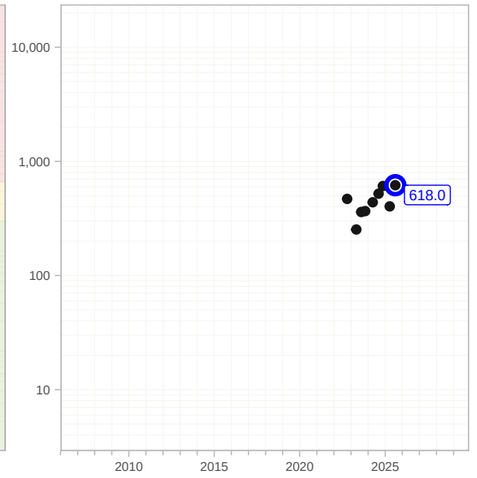
All | N = 9; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



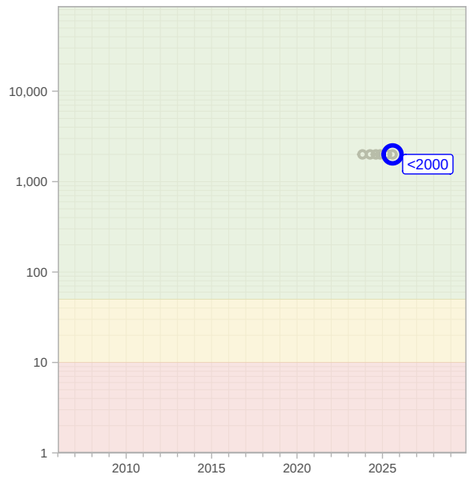
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



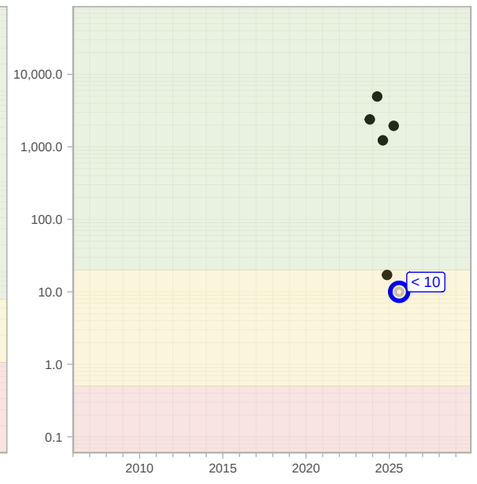
All | N = 9; ND = 0; %ND = 0; M−K = increasing

Sulfide (ug/L)



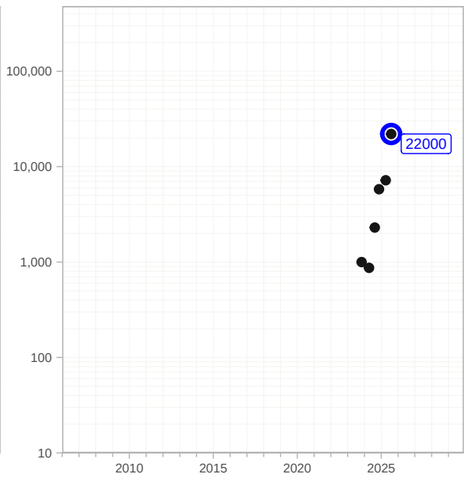
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Methane (ug/L)



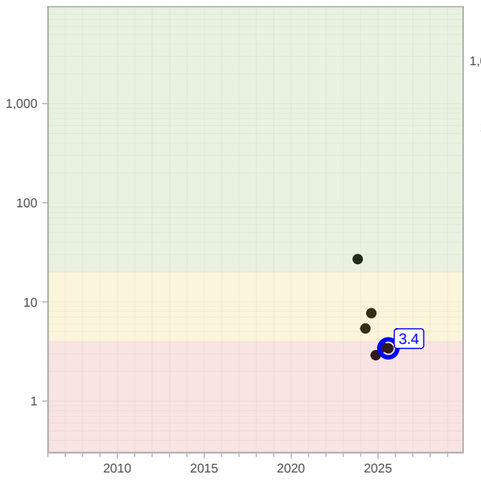
All | N = 6; ND = 1; %ND = 16.7; M−K = no trend

Iron − Ferrous (ug/L)



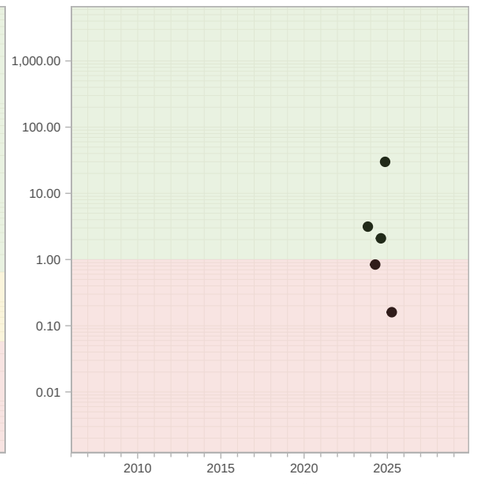
All | N = 6; ND = 0; %ND = 0; M−K = increasing

Total Organic Carbon (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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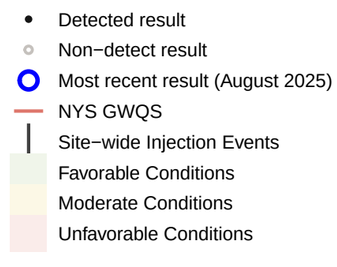
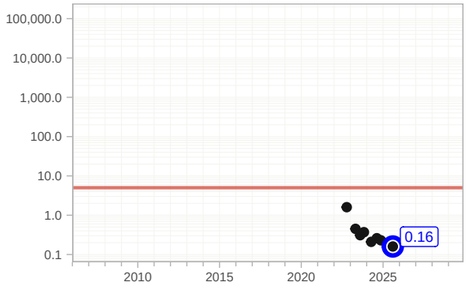


BP−44AD (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

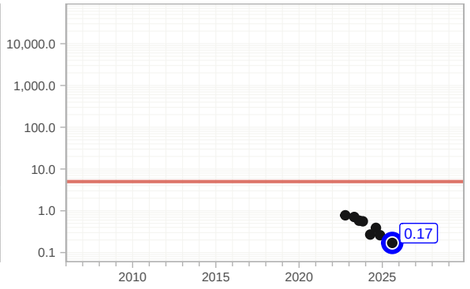
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

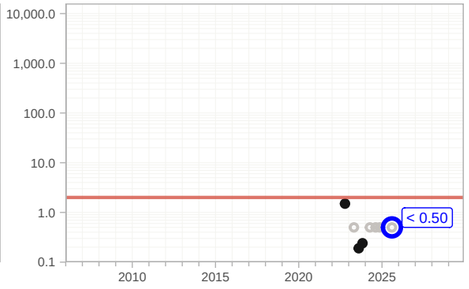
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = strong decreasing

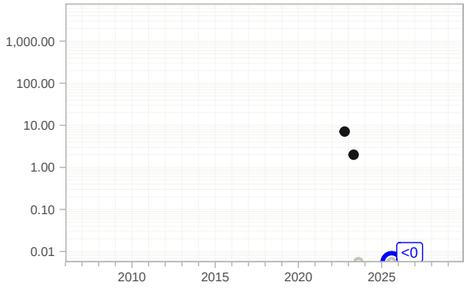
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



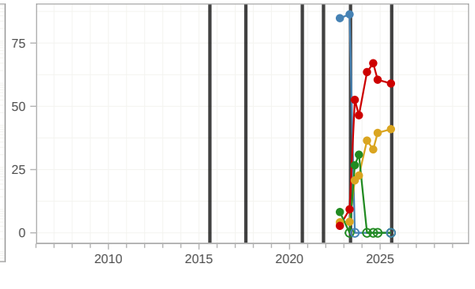
All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Ethane + Ethene (ug/L)



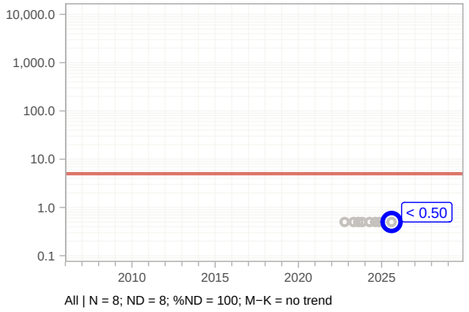
All | N = 4; ND = 2; %ND = 50; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

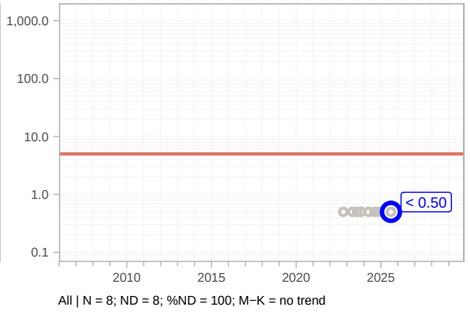
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

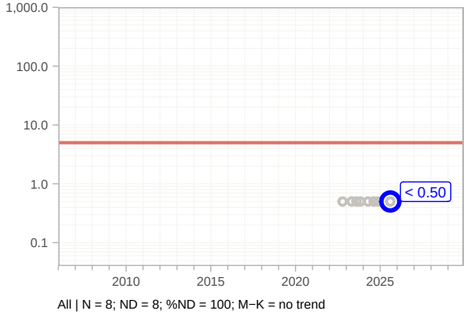
Tetrachloroethene (PCE) (ug/L)

NYS GWQS = 5 ug/L

All | N = 8; ND = 8; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

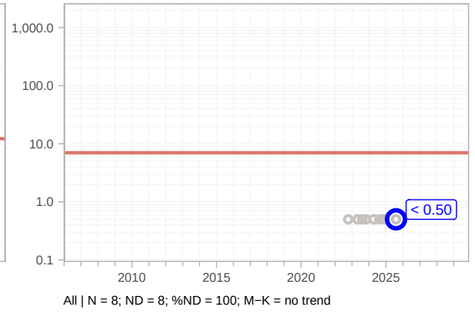
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

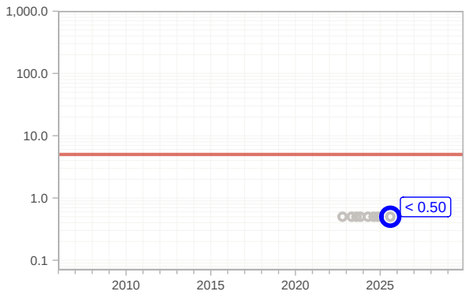
NYS GWQS = 7 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

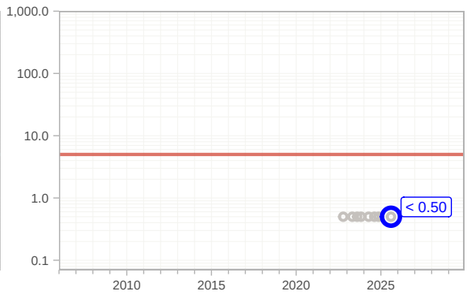
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloromethane (ug/L)

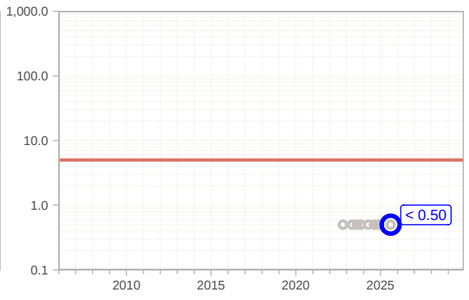
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

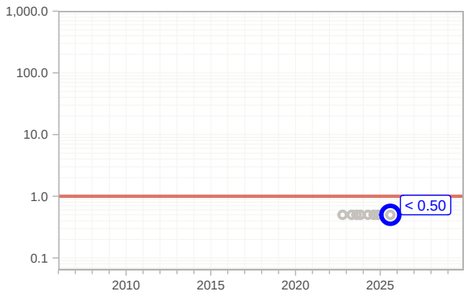
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

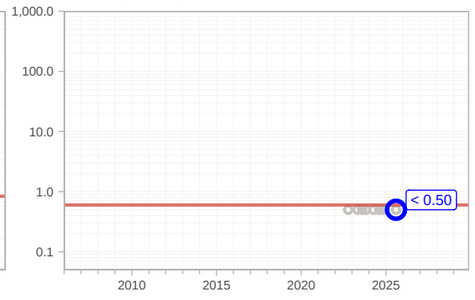
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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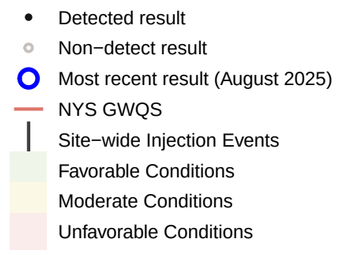
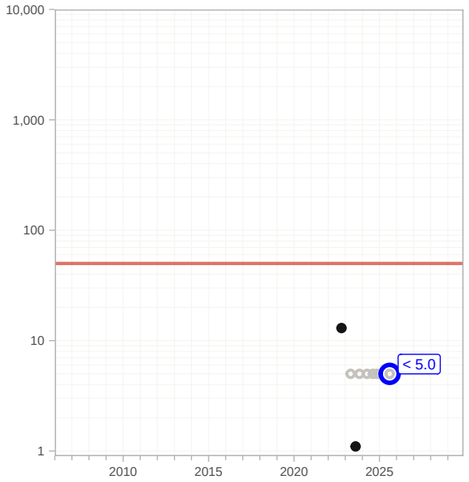
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



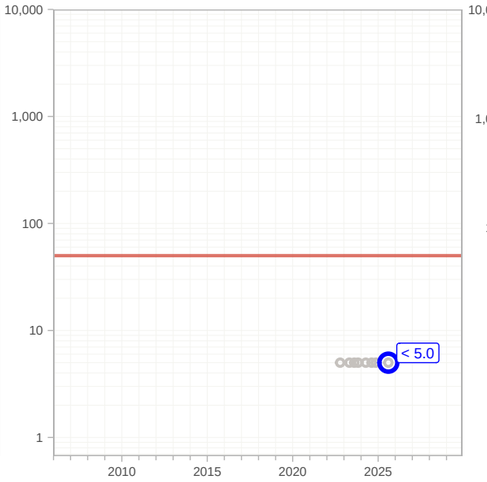
BP−44AD (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



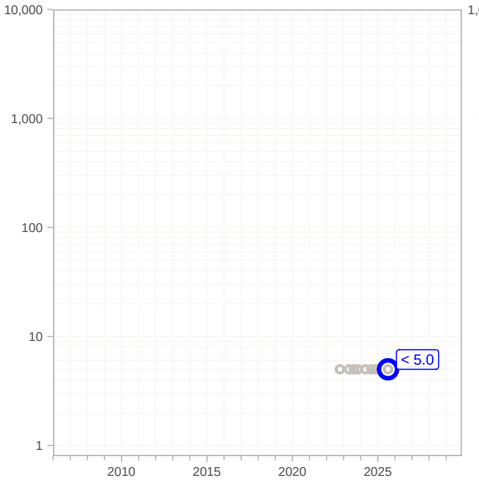
All | N = 8; ND = 6; %ND = 75; M−K = no trend

Butanone (2−) (MEK) (ug/L)



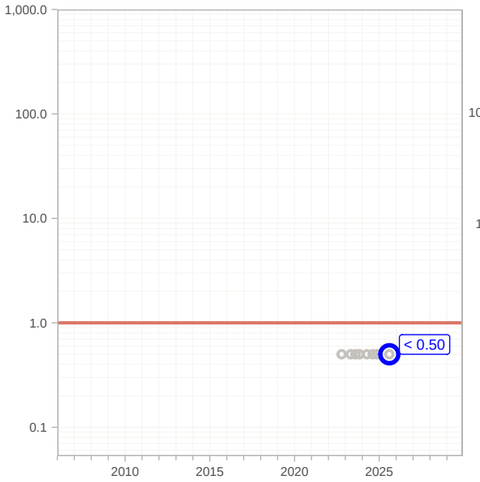
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



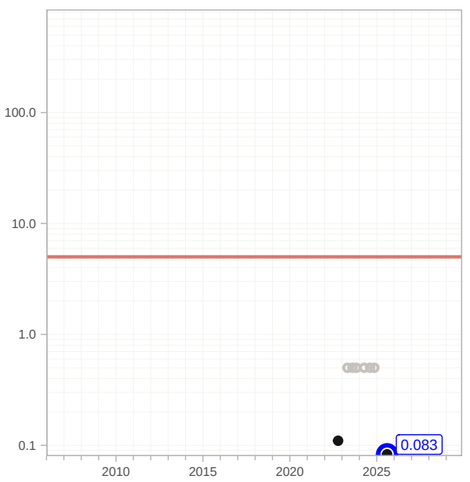
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Toluene (ug/L)

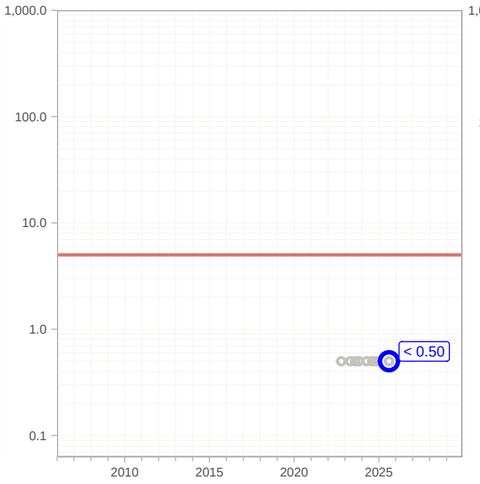


All | N = 8; ND = 6; %ND = 75; M−K = no trend

Ethylbenzene (ug/L)

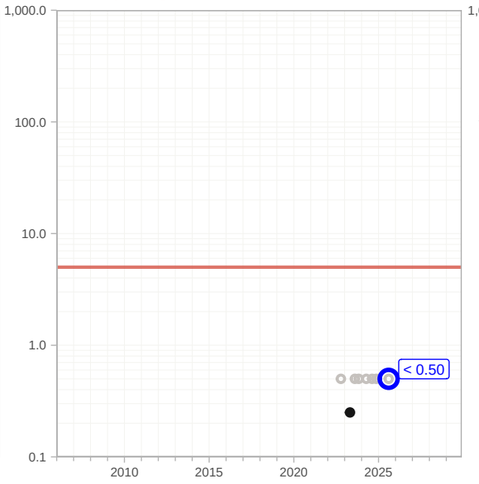
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Xylene (o−) (ug/L)

All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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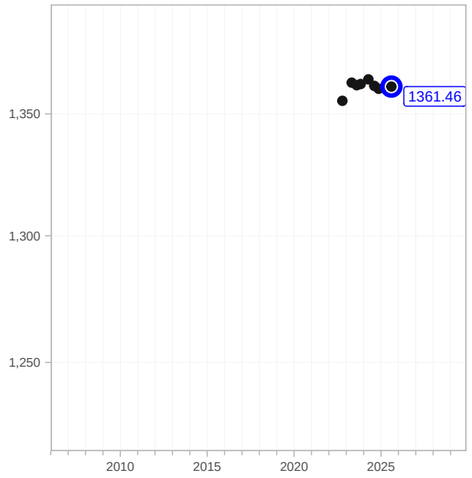
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

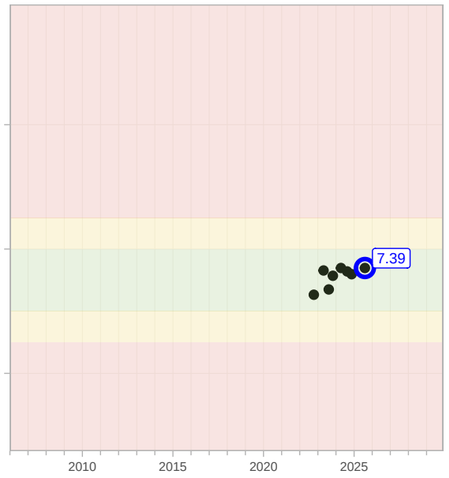
BP−44AD (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



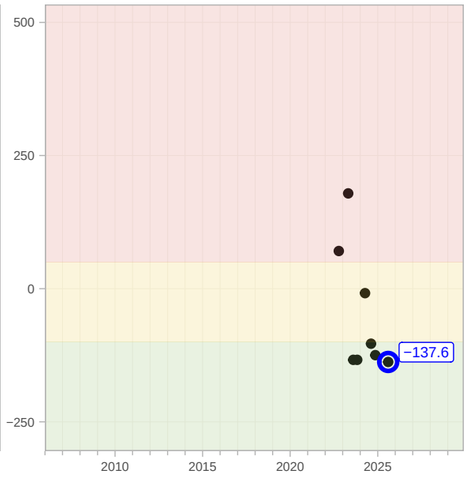
All | N = 8; ND = 0; %ND = 0; M−K = stable

pH (SU)



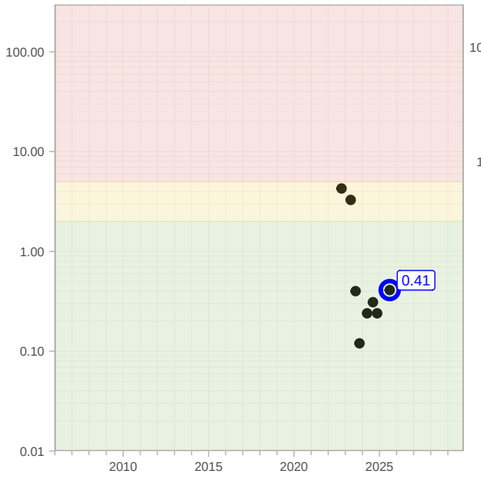
All | N = 8; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



All | N = 8; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)

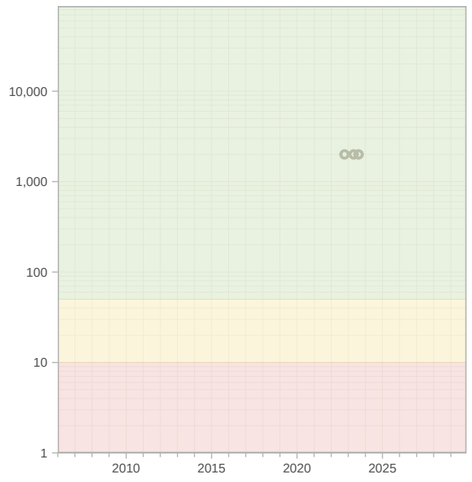


All | N = 8; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)

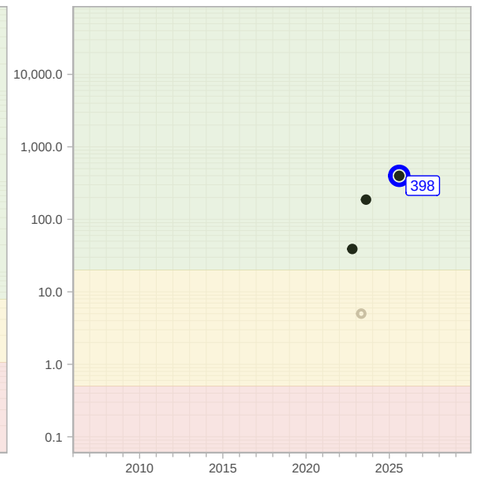
All | N = 8; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



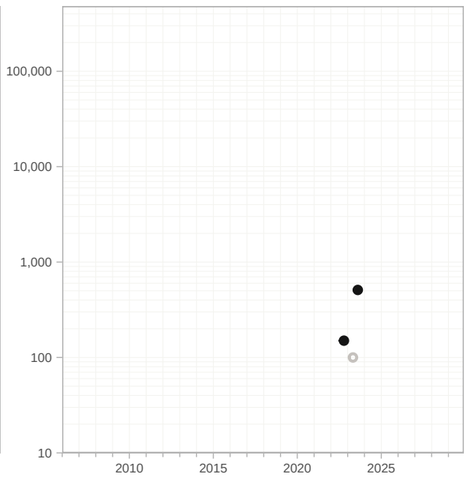
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Methane (ug/L)



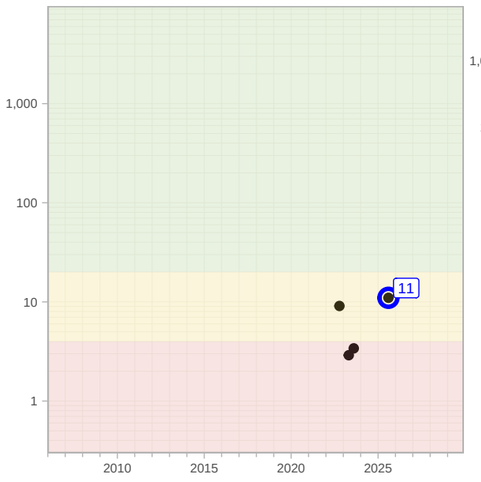
All | N = 4; ND = 1; %ND = 25; M−K = insufficient data

Iron − Ferrous (ug/L)



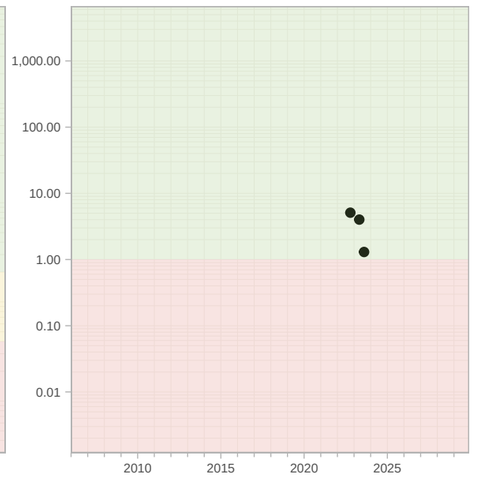
All | N = 3; ND = 1; %ND = 33.3; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
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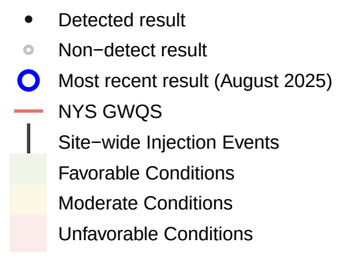
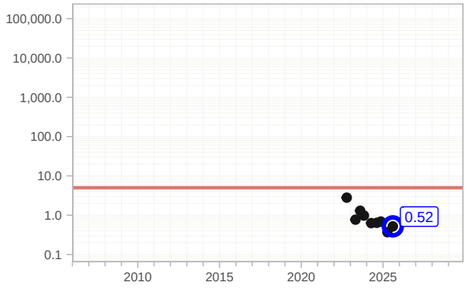
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−44AI (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

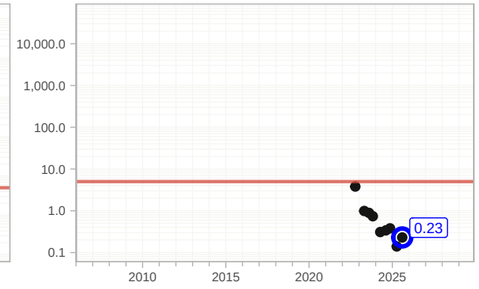
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = decreasing

Dichloroethene (cis−1,2−) (ug/L)

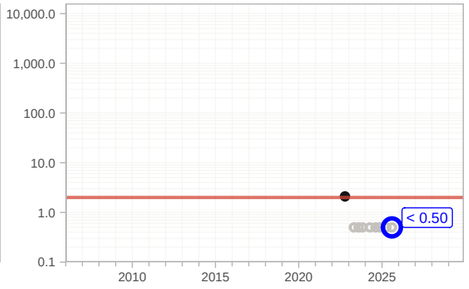
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = strong decreasing

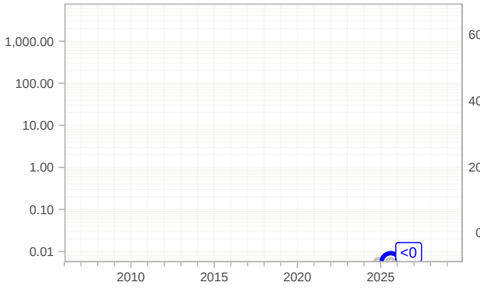
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



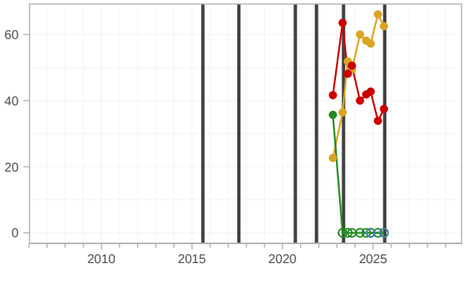
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Ethane + Ethene (ug/L)



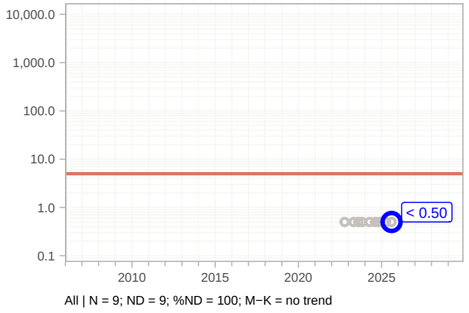
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

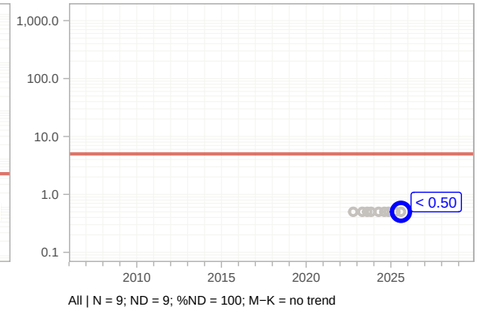
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

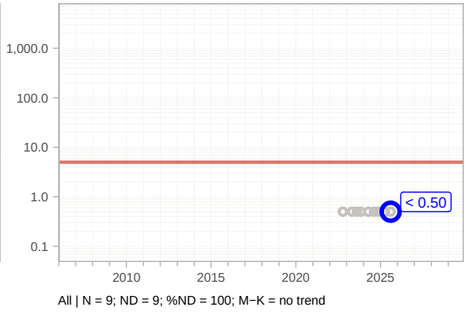
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

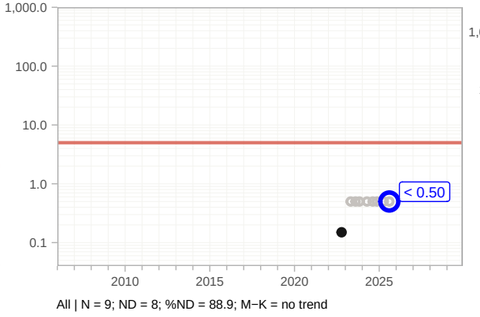
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

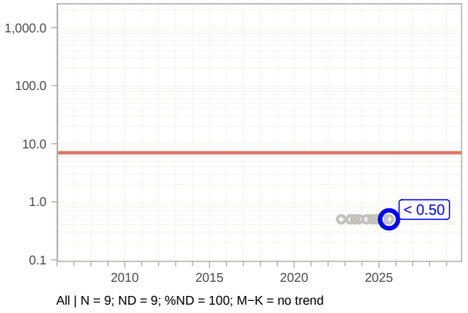
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

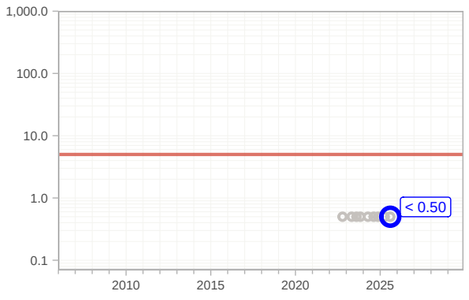
NYS GWQS = 7 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

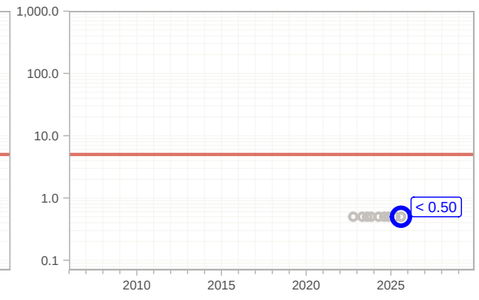
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloromethane (ug/L)

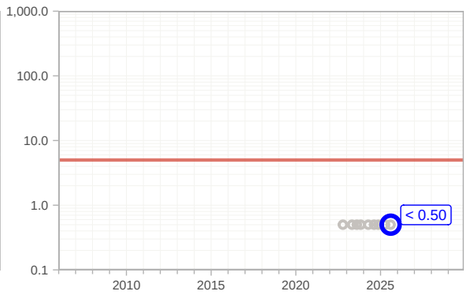
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

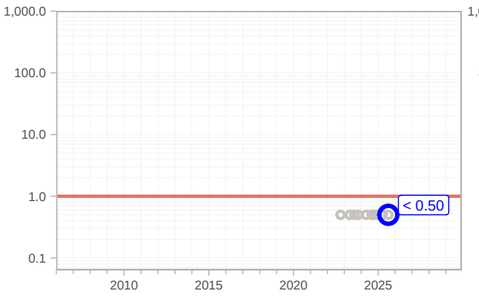
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

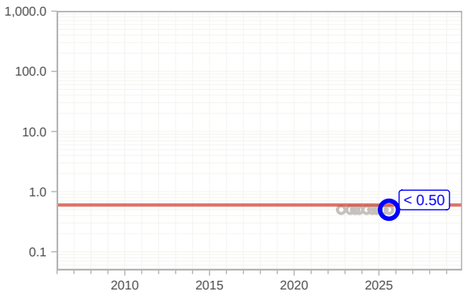
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

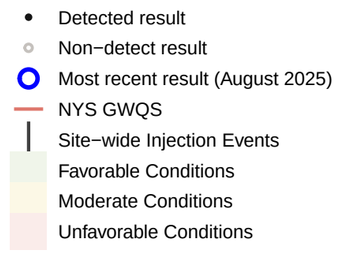
Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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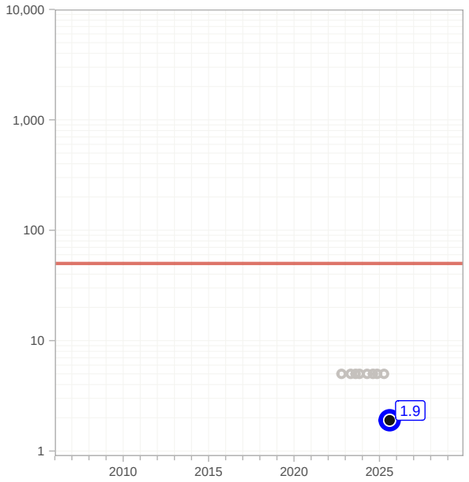
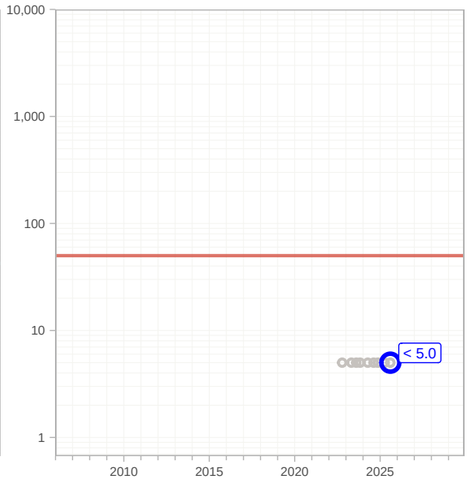
Acetone (ug/L)



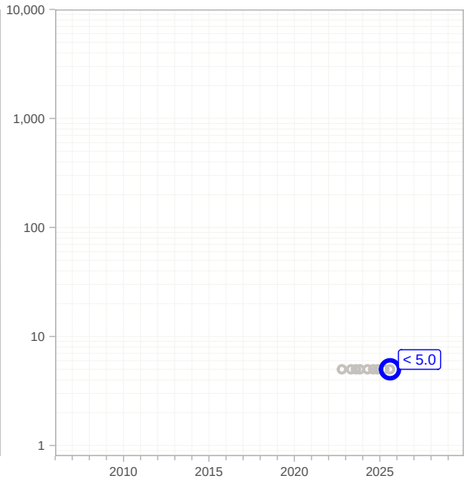
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Butanone (2−) (MEK) (ug/L)



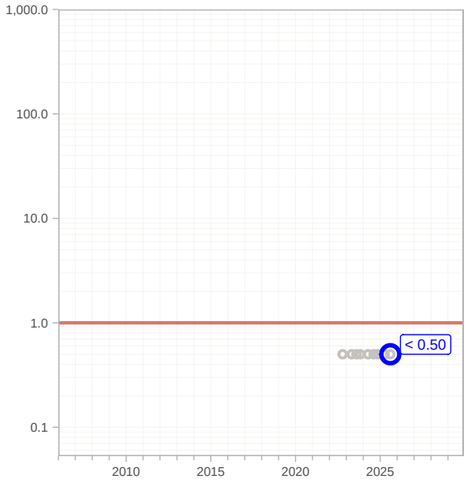
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



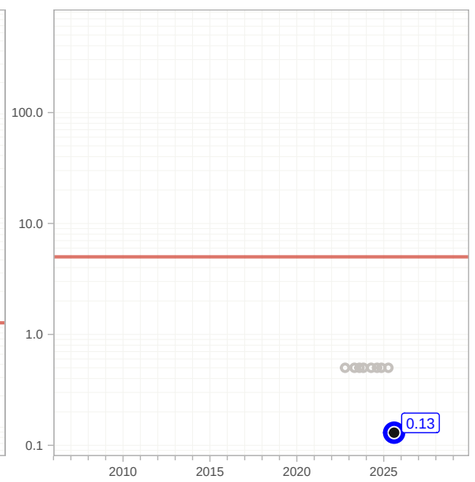
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)



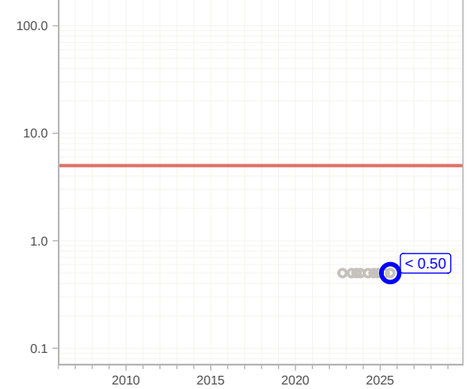
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Toluene (ug/L)



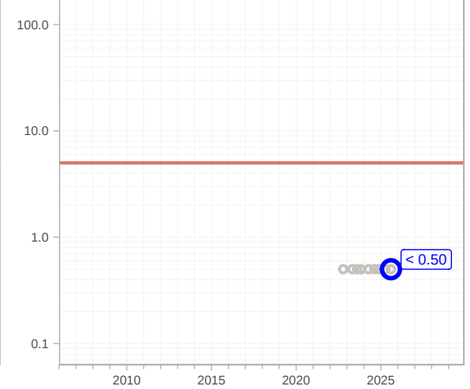
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Ethylbenzene (ug/L)



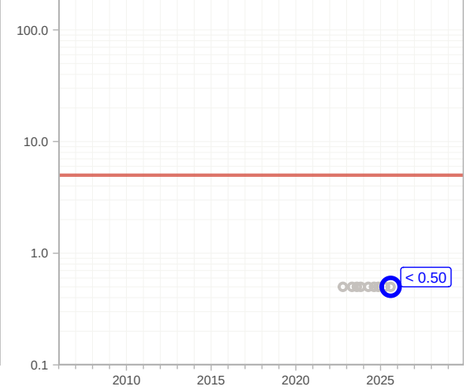
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



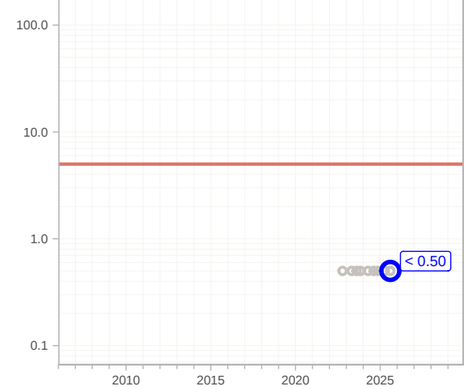
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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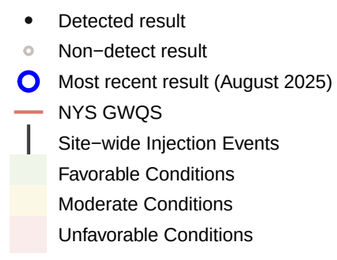
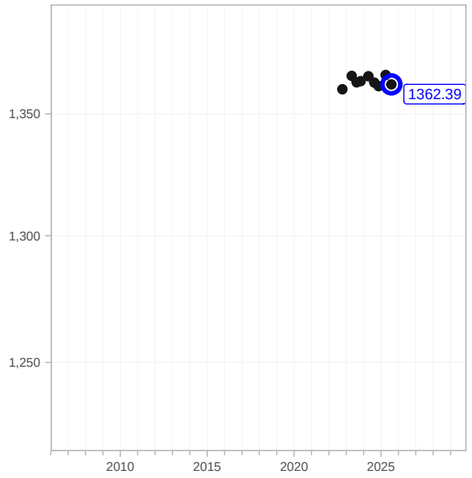


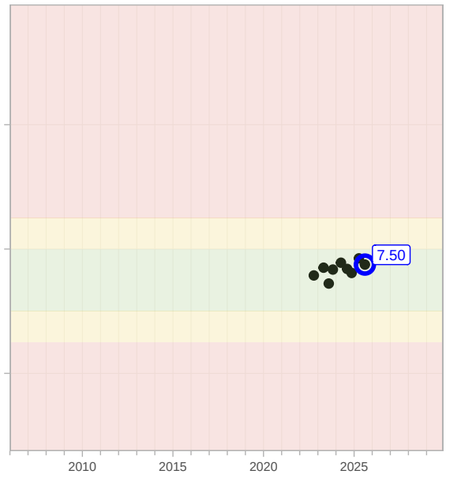
BP−44AI (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



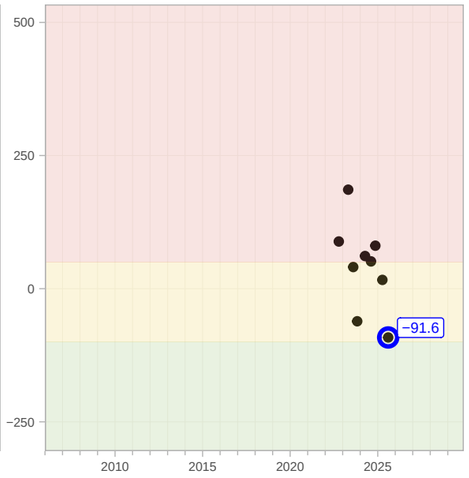
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



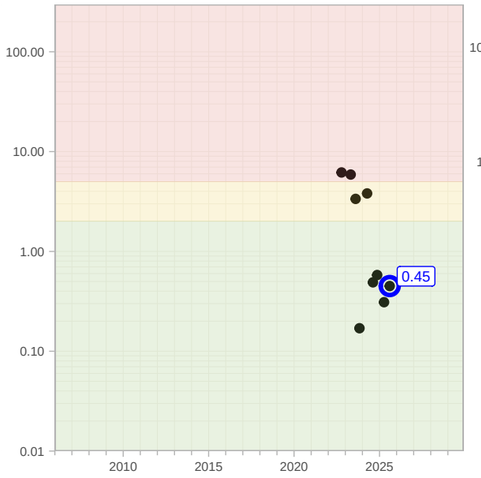
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



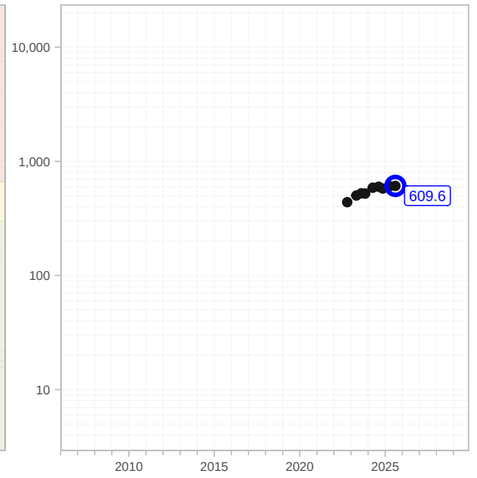
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



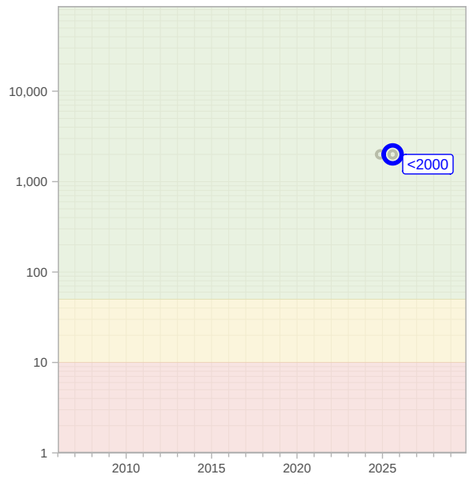
All | N = 9; ND = 0; %ND = 0; M−K = decreasing

Specific Conductance (uS/cm)



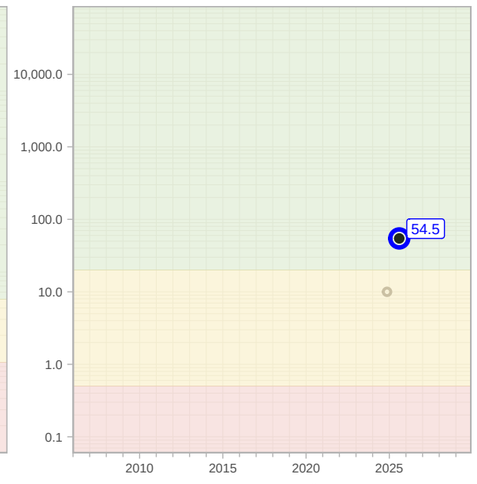
All | N = 9; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



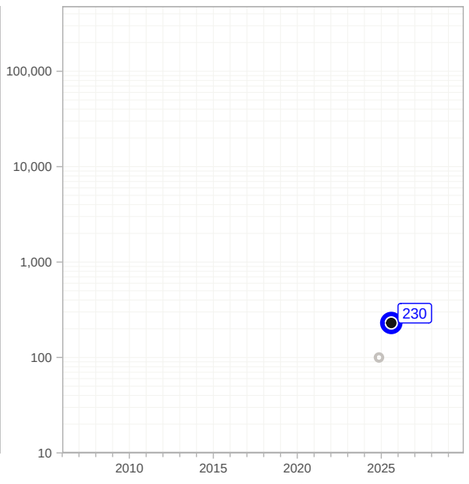
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Methane (ug/L)



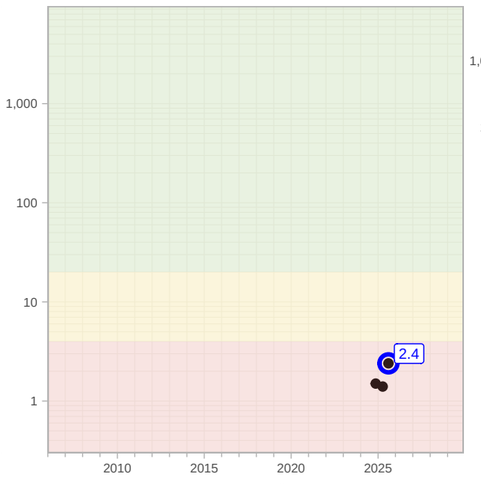
All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Iron − Ferrous (ug/L)



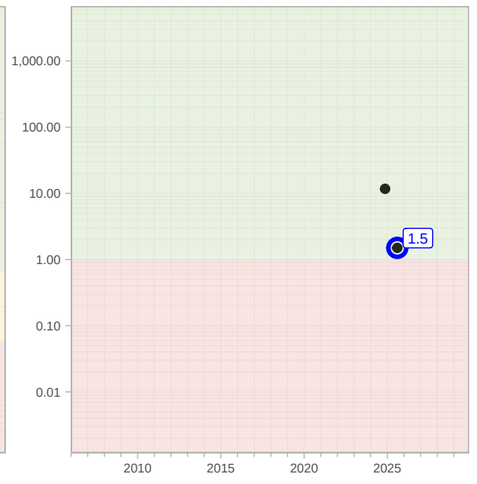
All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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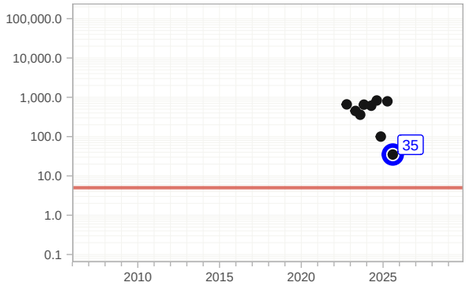
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−44AS (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

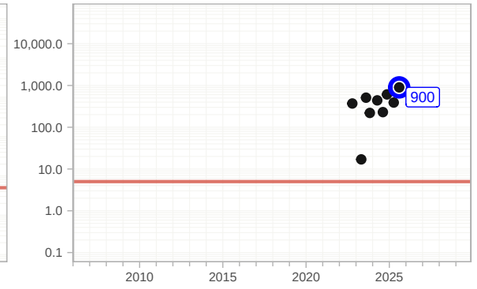
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

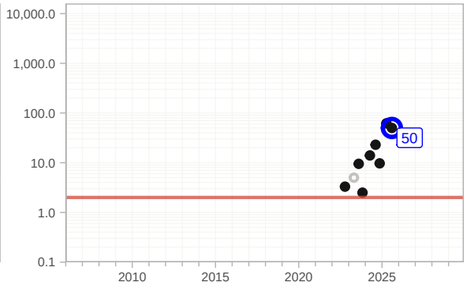
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

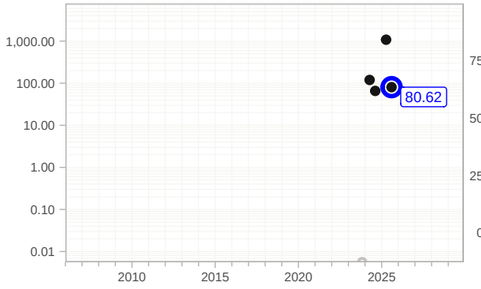
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



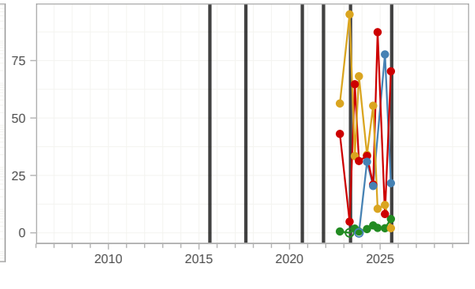
All | N = 9; ND = 1; %ND = 11.1; M−K = increasing

Ethane + Ethene (ug/L)



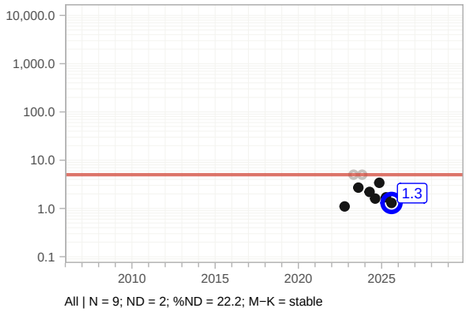
All | N = 5; ND = 1; %ND = 20; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

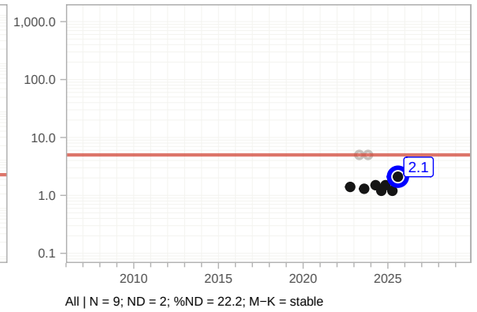
NYS GWQS = 5 ug/L



All | N = 9; ND = 2; %ND = 22.2; M−K = stable

Dichloroethene (1,1−) (ug/L)

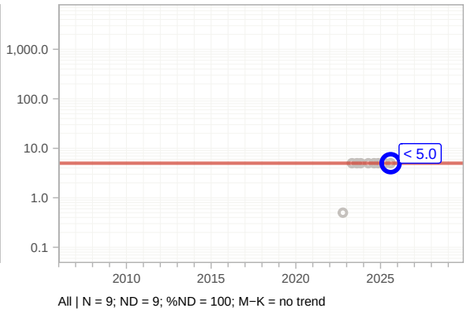
NYS GWQS = 5 ug/L



All | N = 9; ND = 2; %ND = 22.2; M−K = stable

Tetrachloroethene (PCE) (ug/L)

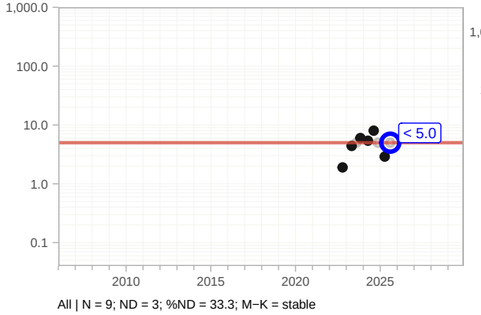
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

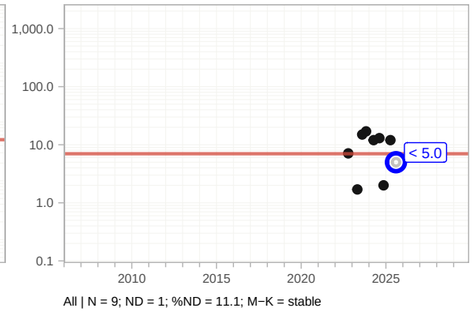
NYS GWQS = 5 ug/L



All | N = 9; ND = 3; %ND = 33.3; M−K = stable

Chloroform (Trichloromethane) (ug/L)

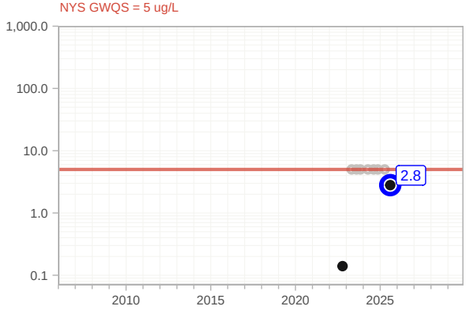
NYS GWQS = 7 ug/L



All | N = 9; ND = 1; %ND = 11.1; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

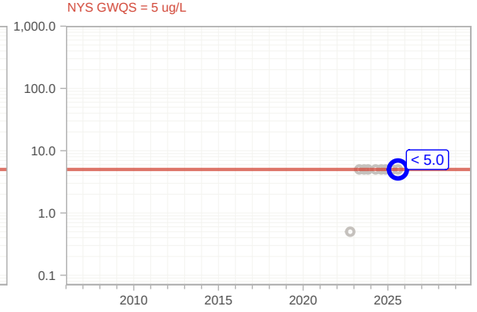
NYS GWQS = 5 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Chloromethane (ug/L)

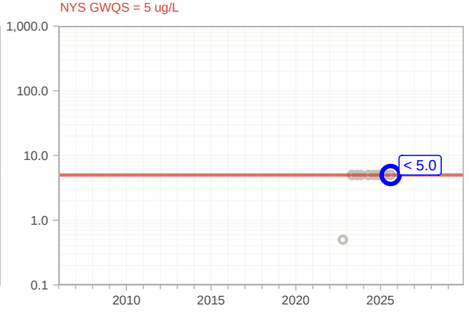
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

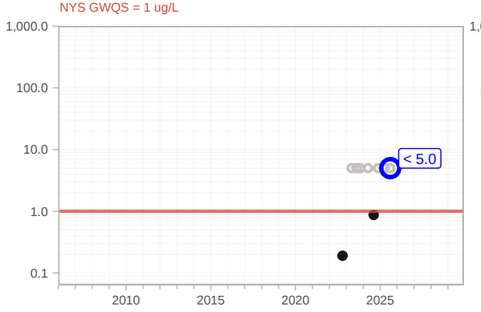
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

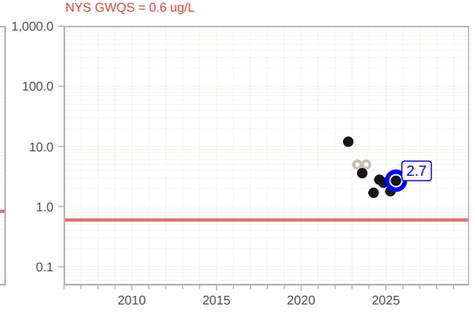
NYS GWQS = 1 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 2; %ND = 22.2; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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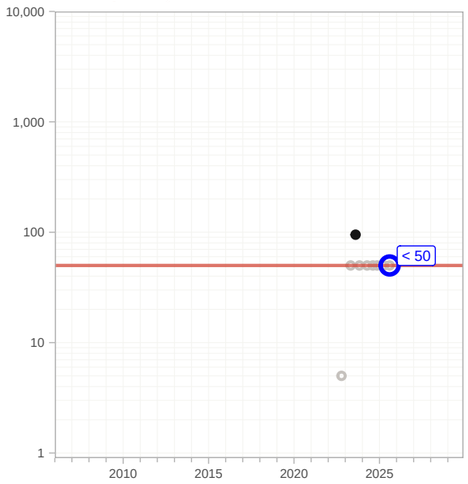
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

Detected result
Non−detect result
Most recent result (August 2025)
NYS GWQS
Site−wide Injection Events
Favorable Conditions
Moderate Conditions
Unfavorable Conditions

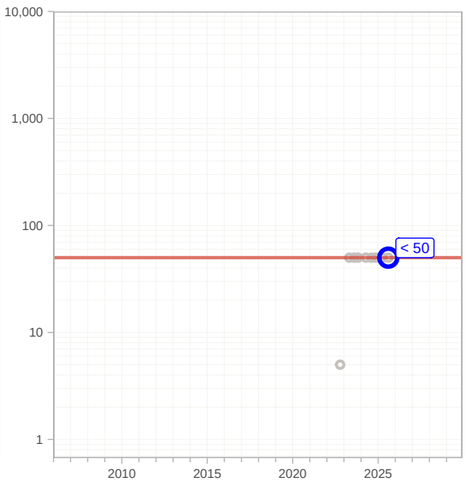
BP−44AS (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



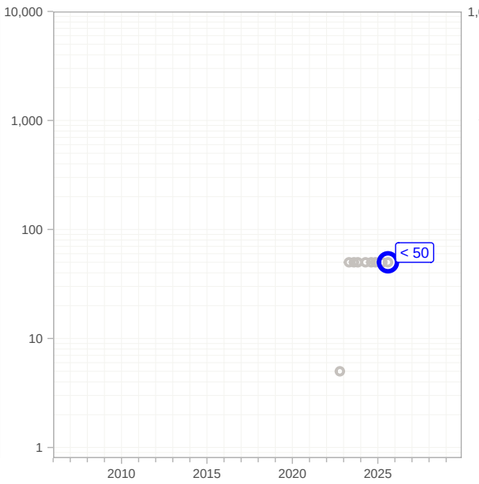
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Butanone (2−) (MEK) (ug/L)



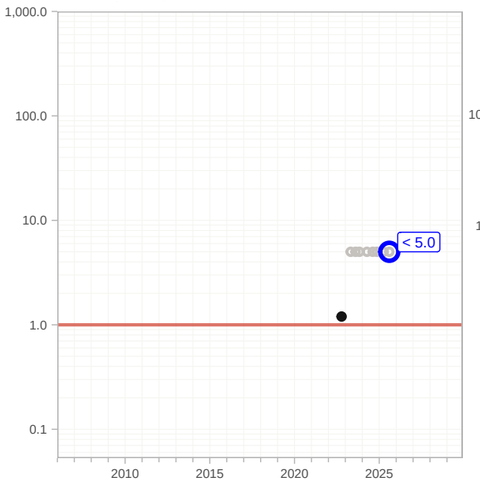
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



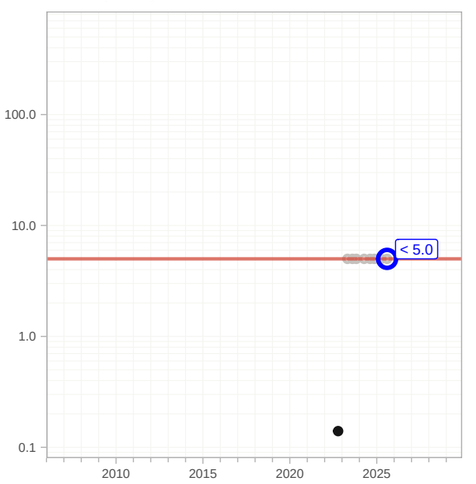
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)



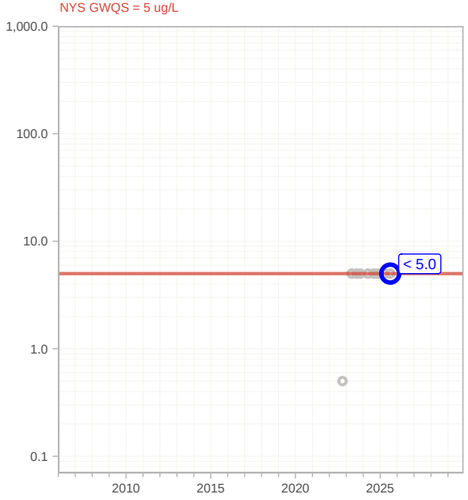
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Toluene (ug/L)



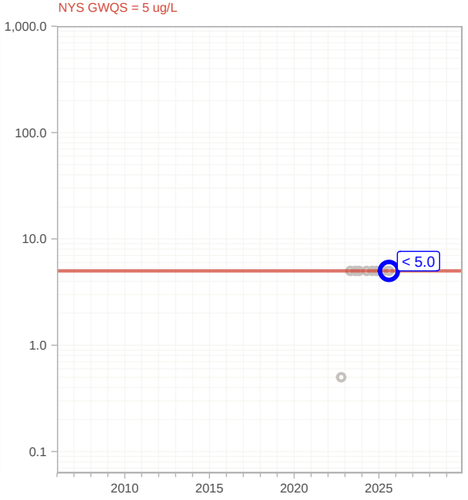
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Ethylbenzene (ug/L)



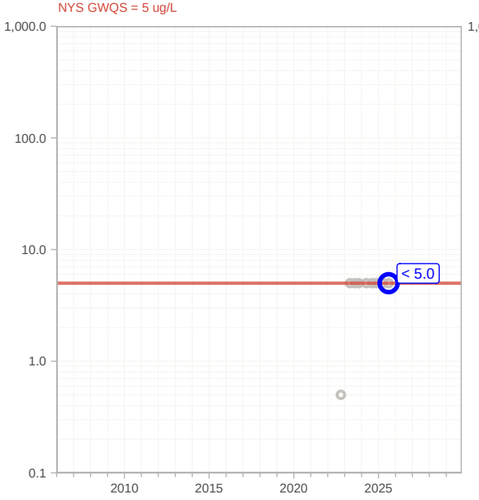
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



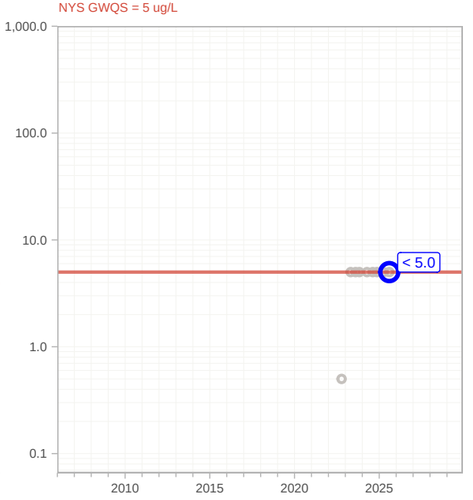
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
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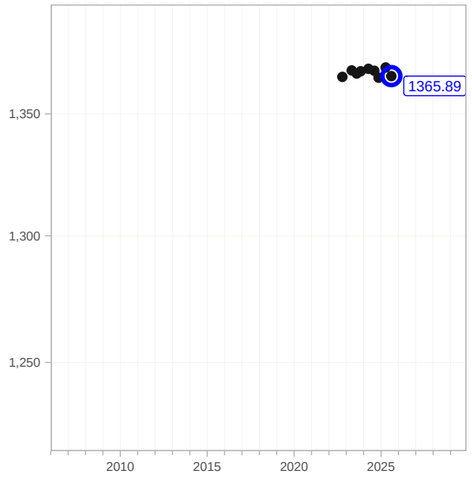
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

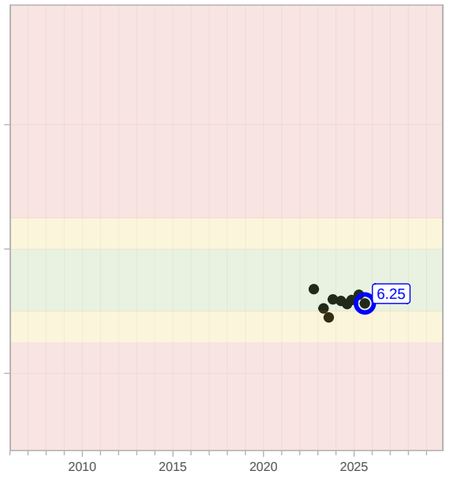
BP−44AS (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



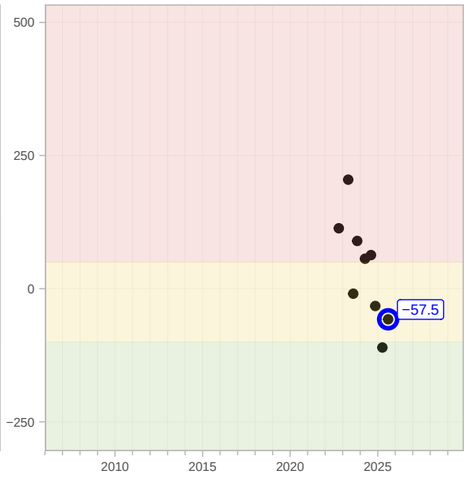
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



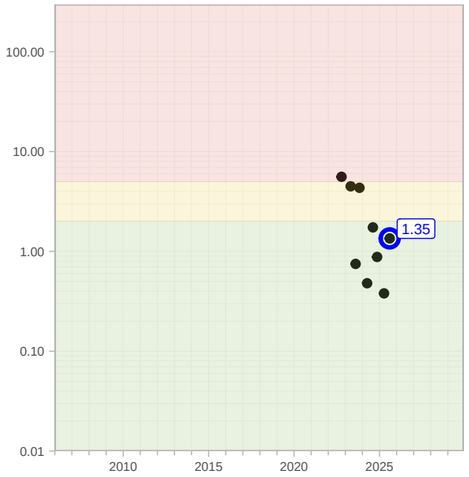
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



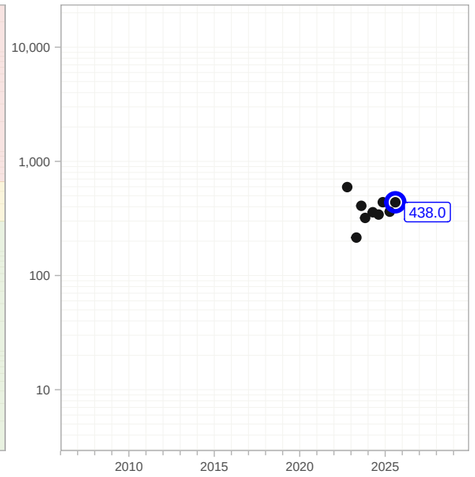
All | N = 9; ND = 0; %ND = 0; M−K = decreasing

Dissolved Oxygen (mg/L)



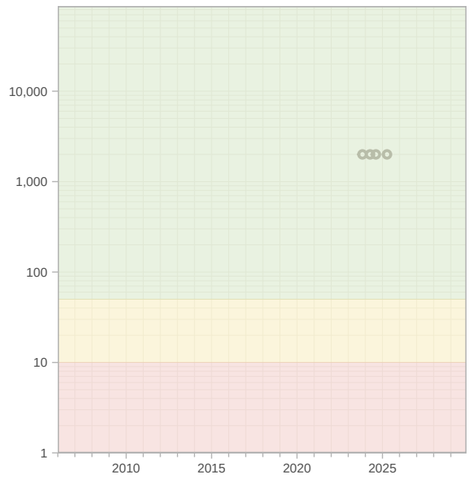
All | N = 9; ND = 0; %ND = 0; M−K = probably decreasing

Specific Conductance (uS/cm)



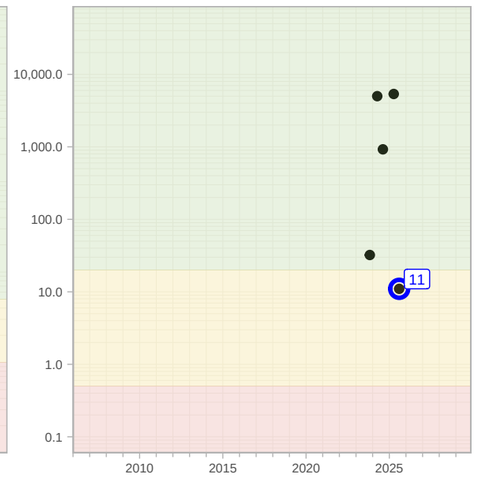
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



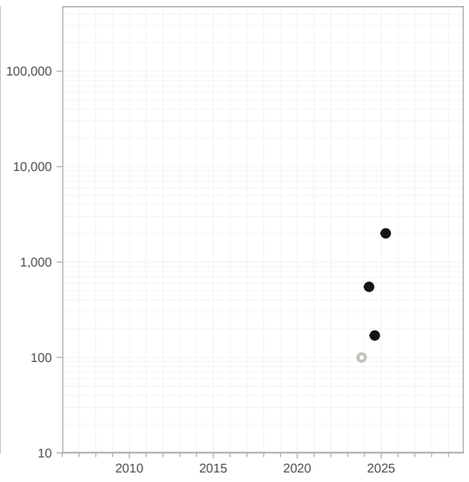
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Methane (ug/L)



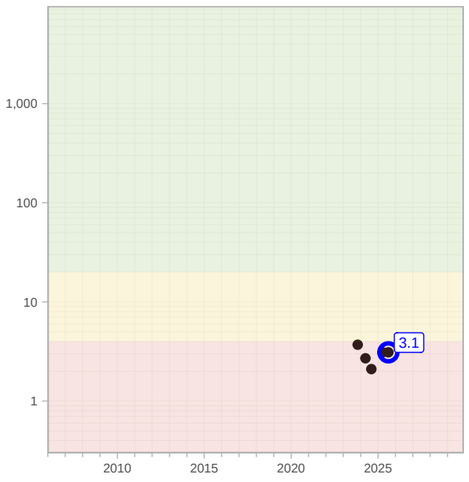
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



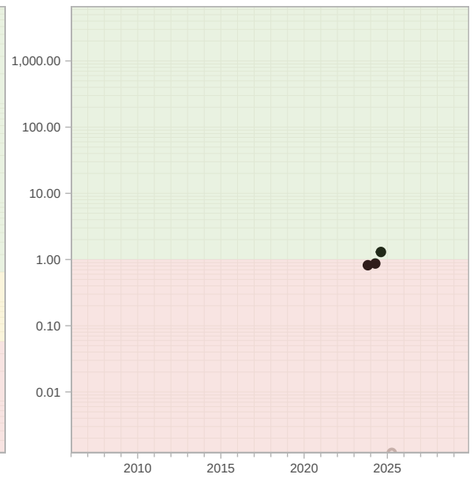
All | N = 4; ND = 1; %ND = 25; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 4; ND = 1; %ND = 25; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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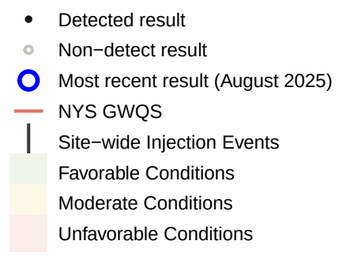
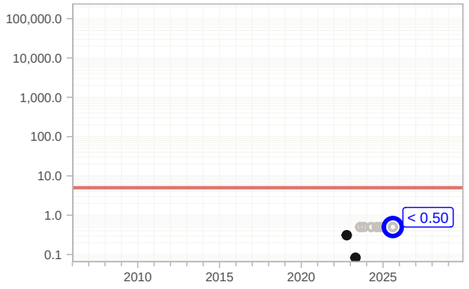


BP−45AD (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

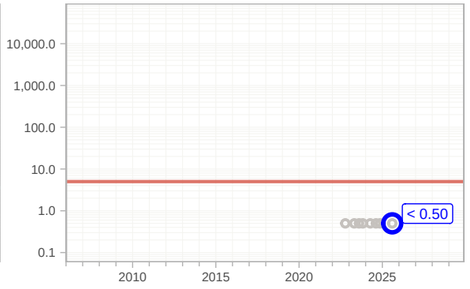
NYS GWQS = 5 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

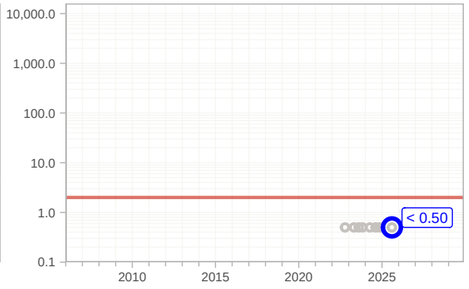
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

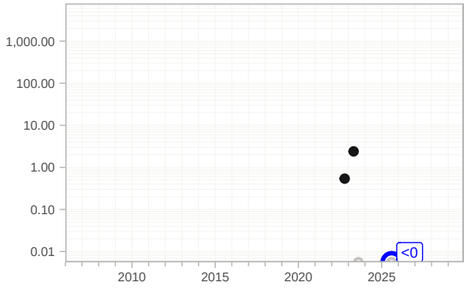
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



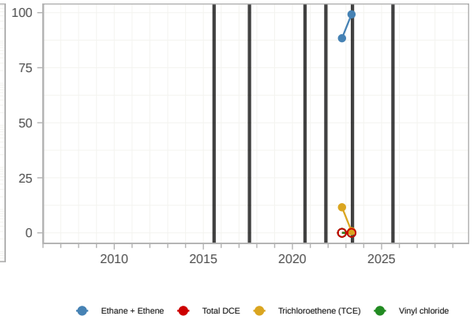
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



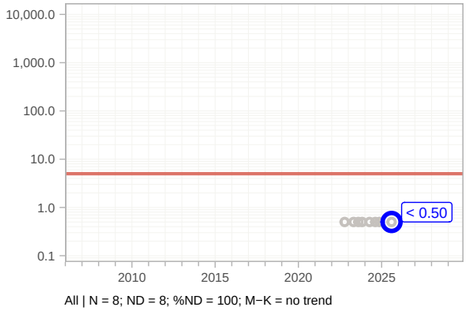
All | N = 4; ND = 2; %ND = 50; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

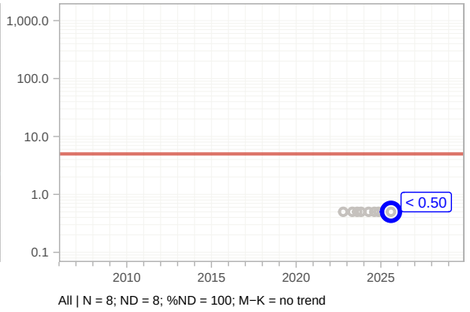
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

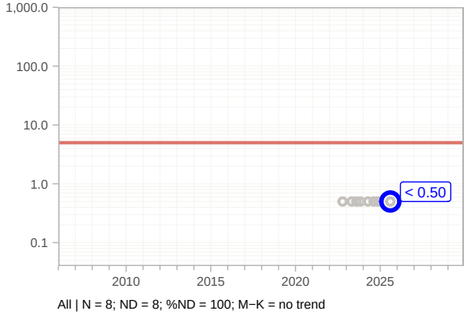
Tetrachloroethene (PCE) (ug/L)

NYS GWQS = 5 ug/L

All | N = 8; ND = 8; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

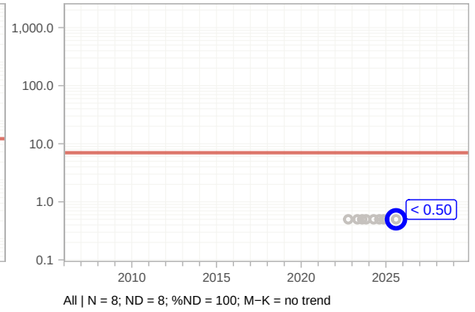
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

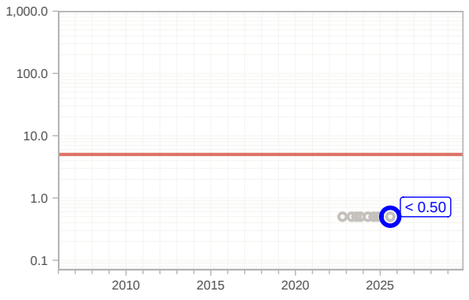
NYS GWQS = 7 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

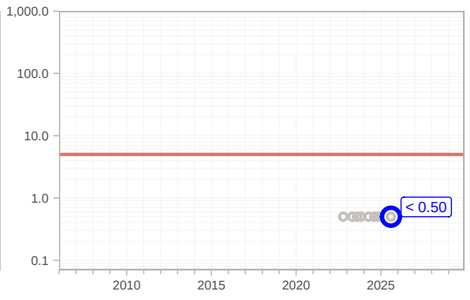
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloromethane (ug/L)

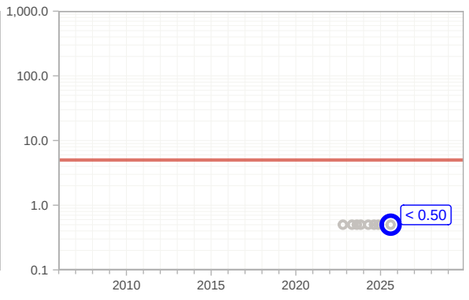
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

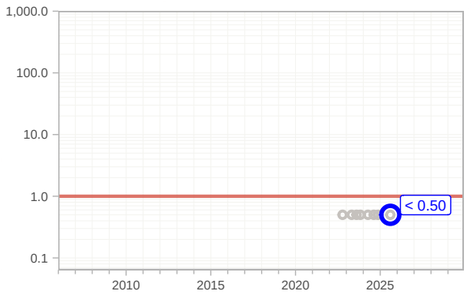
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

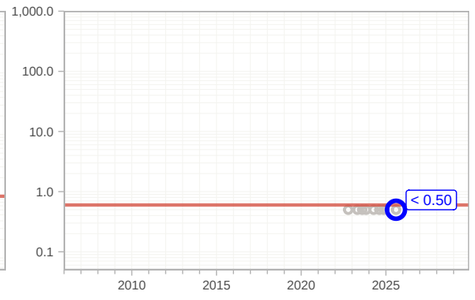
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

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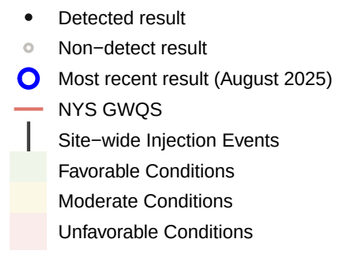
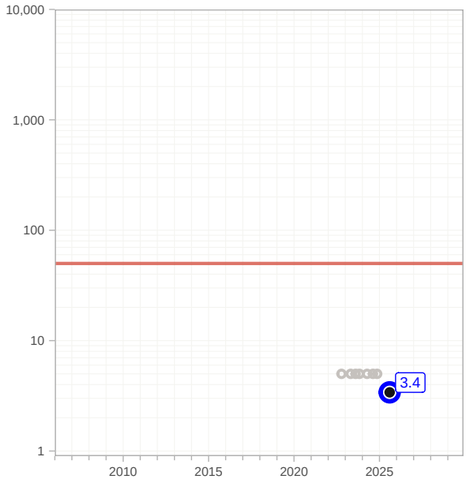


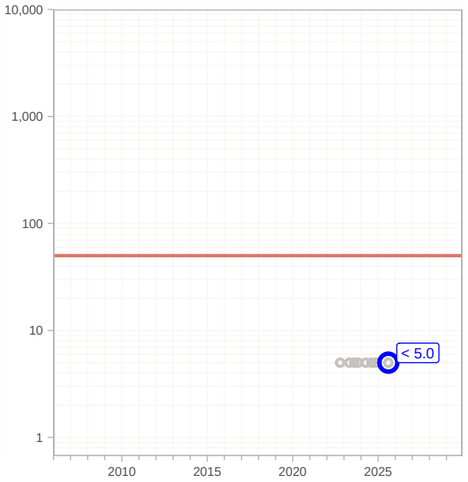
BP−45AD (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



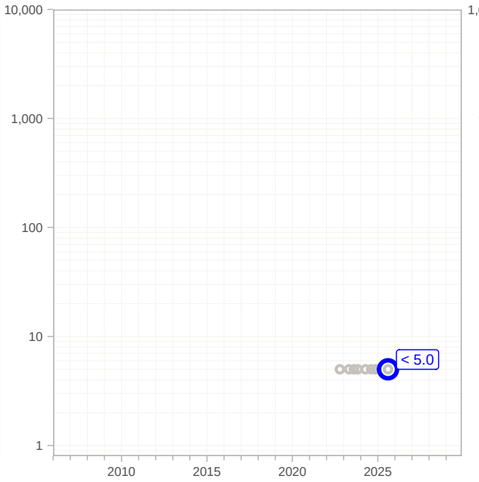
All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Butanone (2−) (MEK) (ug/L)



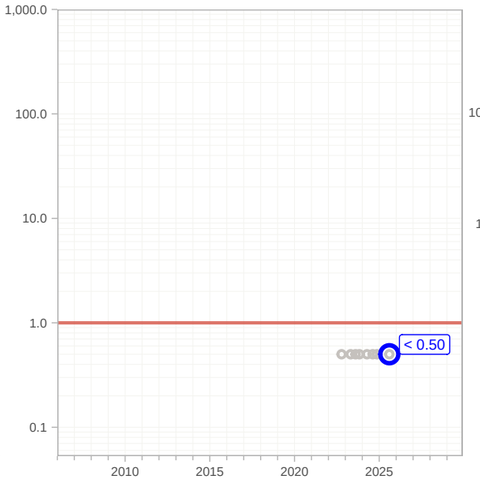
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



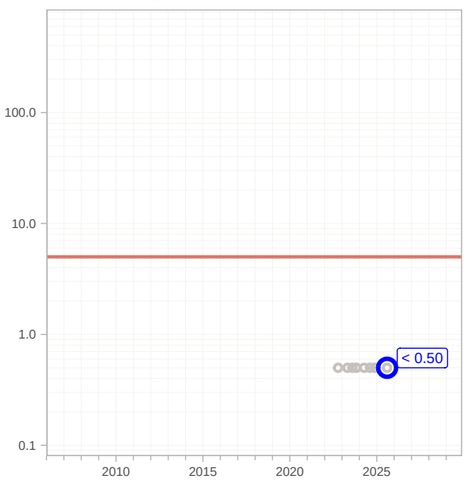
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Toluene (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)

All | N = 8; ND = 8; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

All | N = 8; ND = 8; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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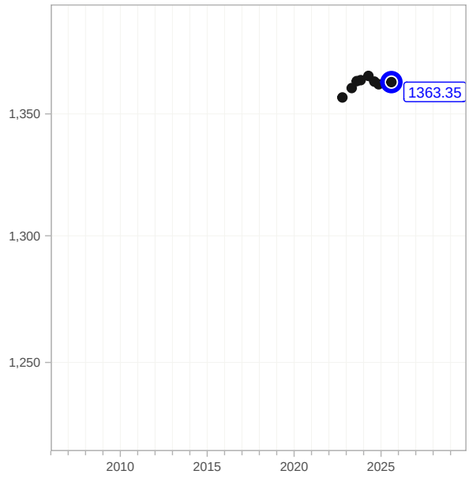
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

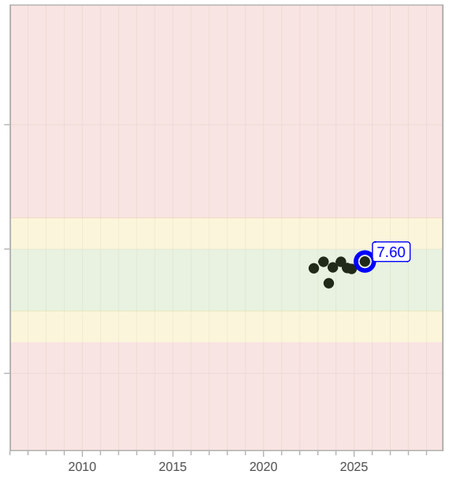
BP−45AD (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



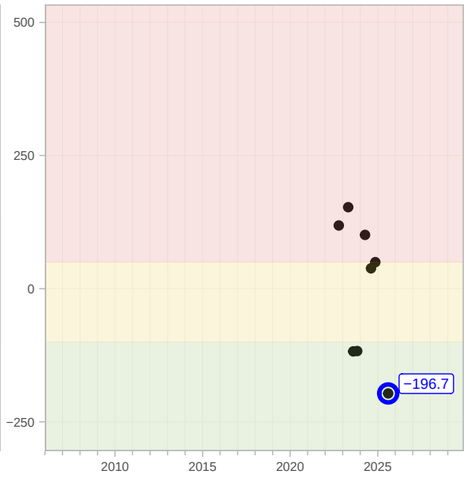
All | N = 8; ND = 0; %ND = 0; M−K = stable

pH (SU)



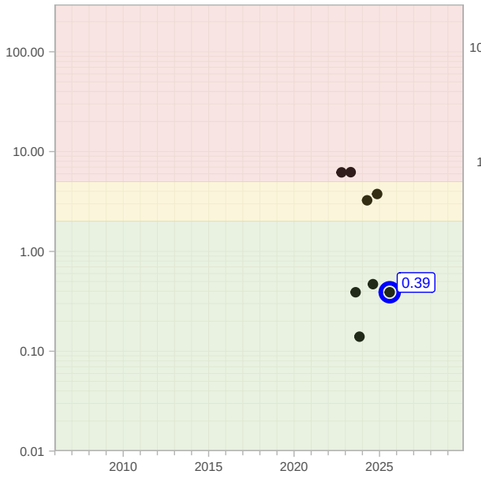
All | N = 8; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



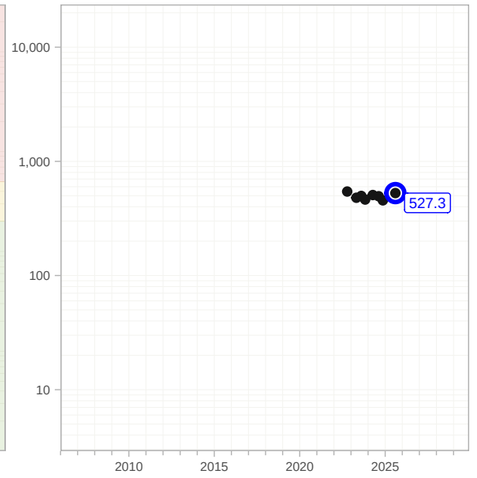
All | N = 8; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



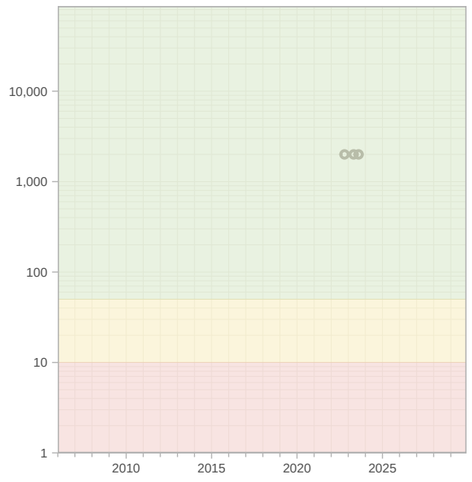
All | N = 8; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



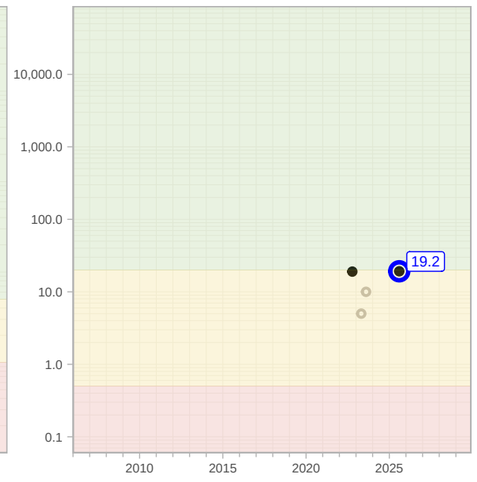
All | N = 8; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



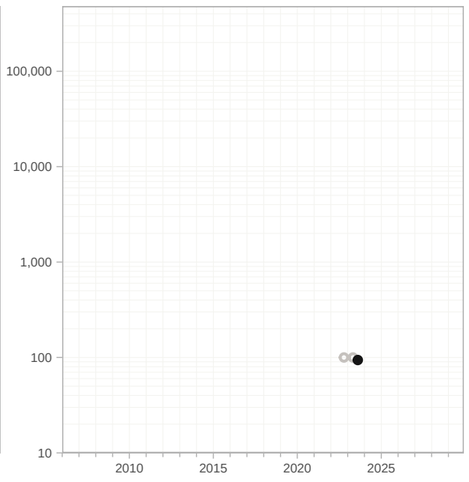
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Methane (ug/L)



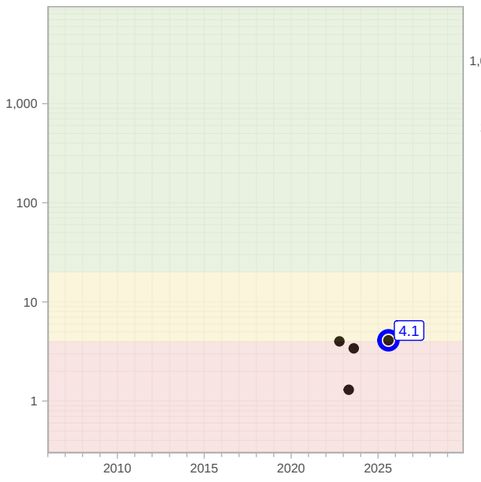
All | N = 4; ND = 2; %ND = 50; M−K = insufficient data

Iron − Ferrous (ug/L)



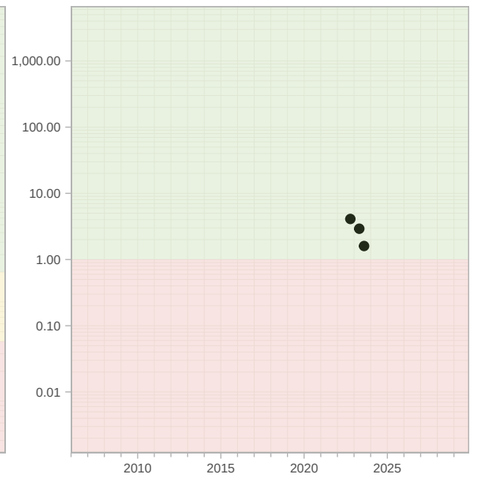
All | N = 3; ND = 2; %ND = 66.7; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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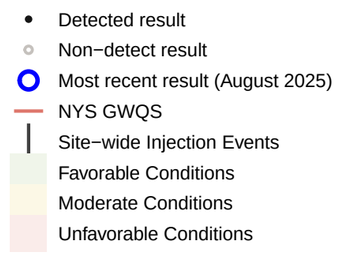
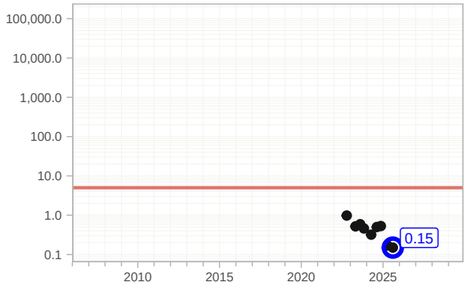


BP−45AI (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

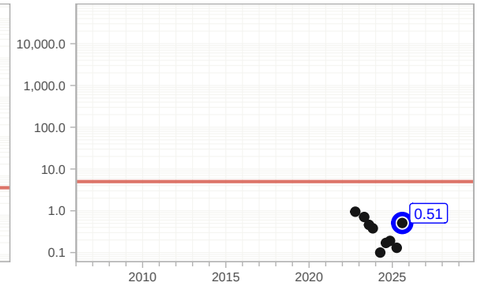
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = decreasing

Dichloroethene (cis−1,2−) (ug/L)

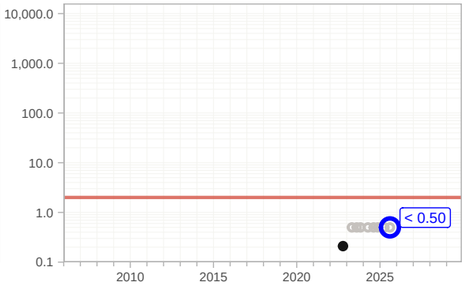
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

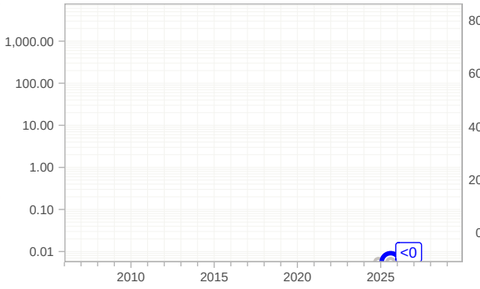
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



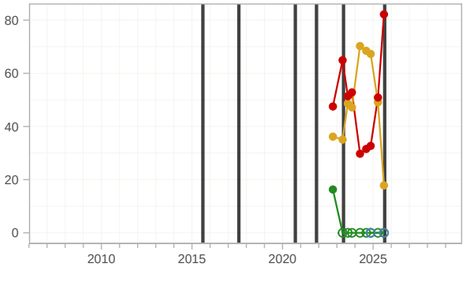
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Ethane + Ethene (ug/L)



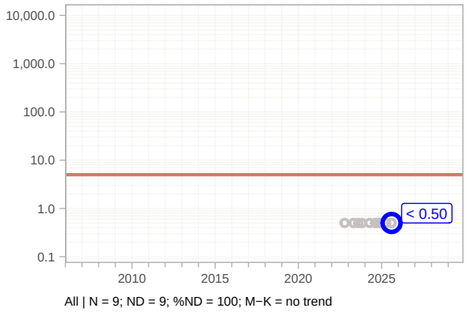
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

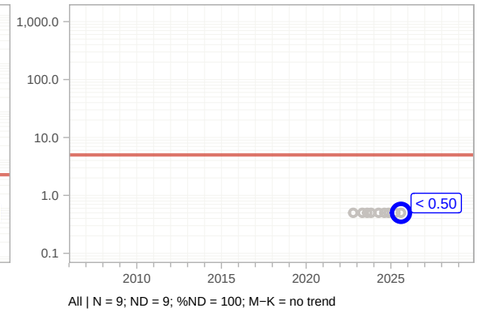
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

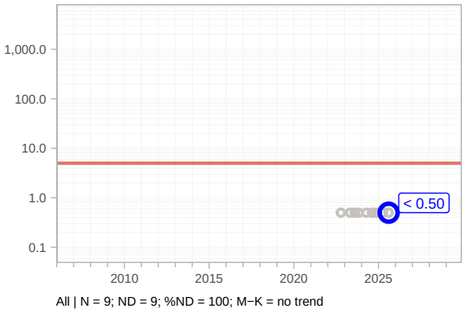
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

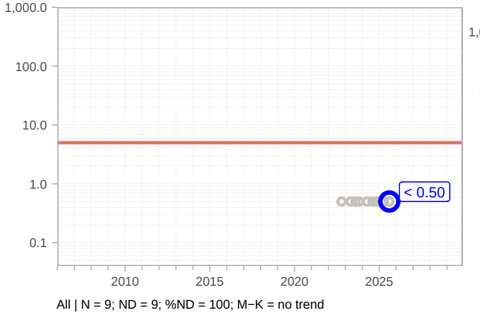
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

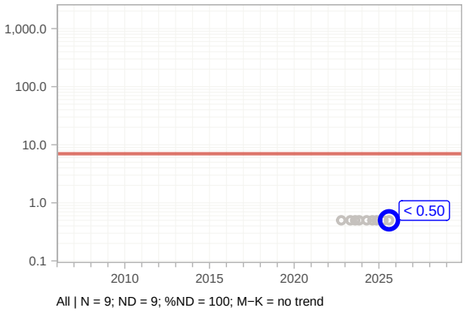
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

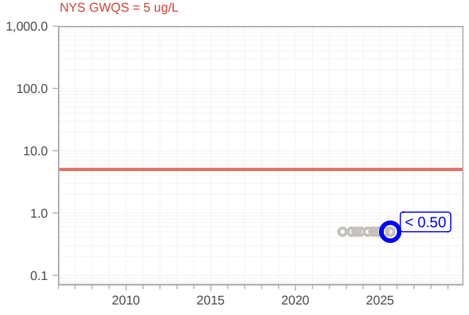
NYS GWQS = 7 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

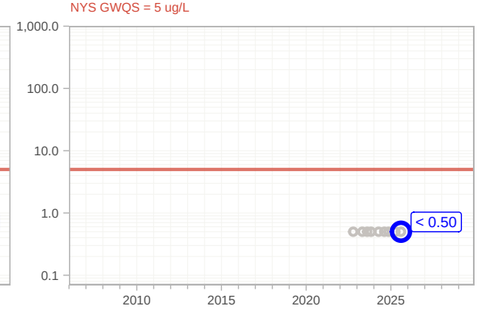
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloromethane (ug/L)

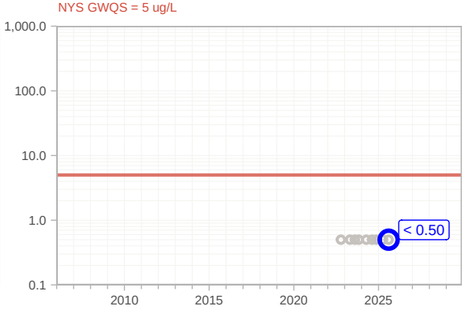
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

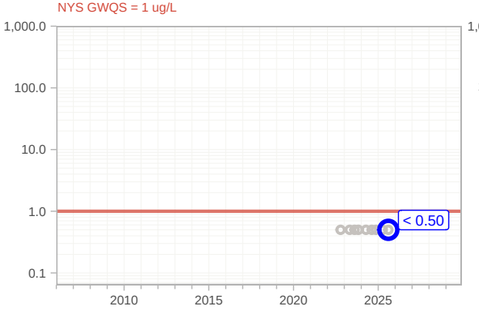
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

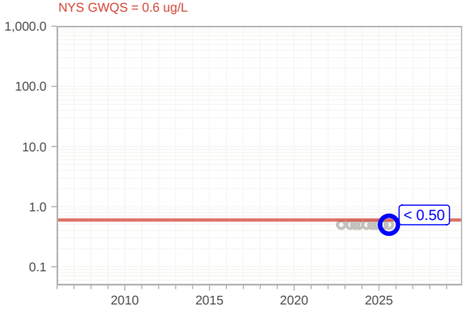
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
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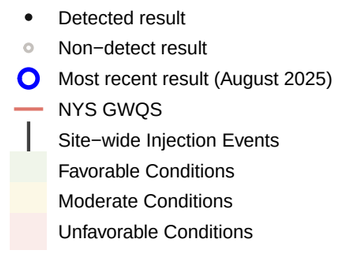
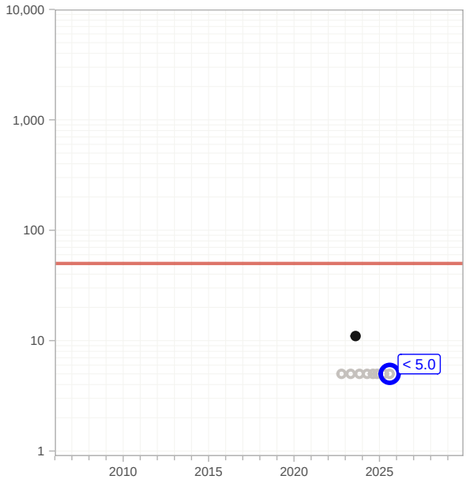


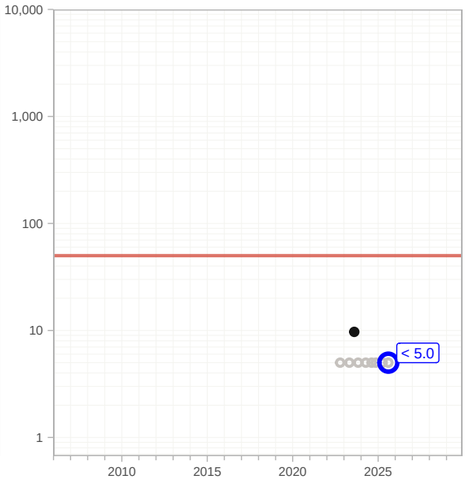
BP−45AI (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



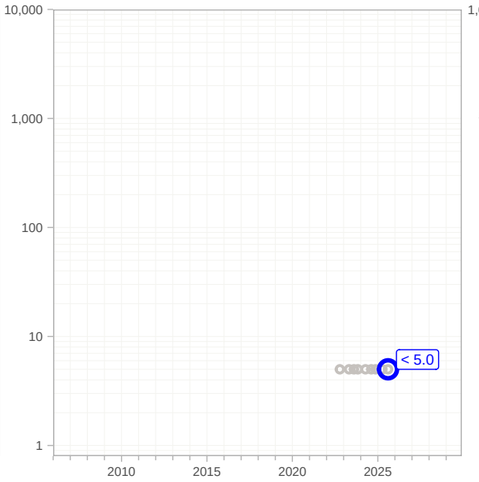
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Butanone (2−) (MEK) (ug/L)



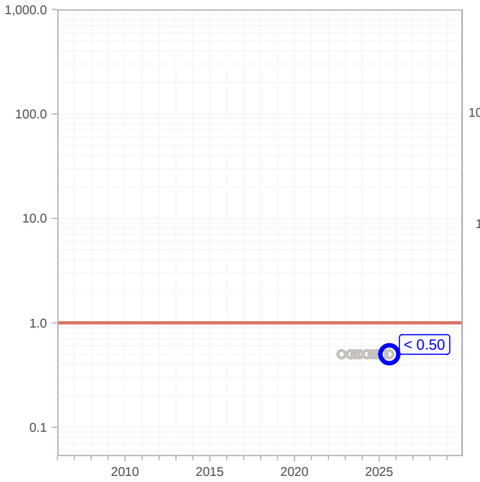
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



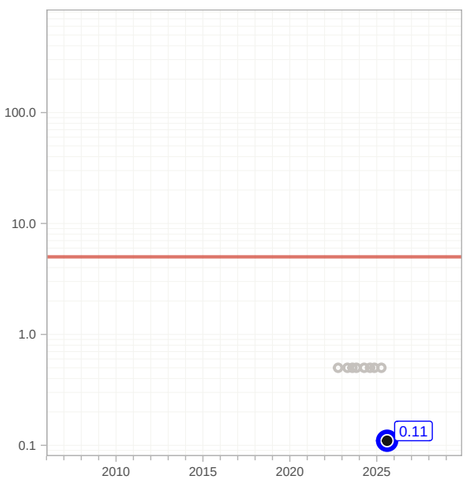
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Toluene (ug/L)

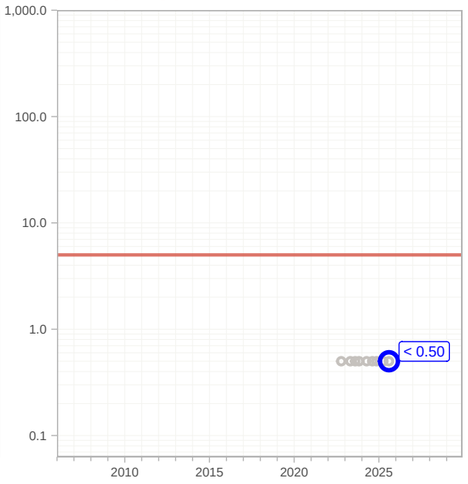


All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Ethylbenzene (ug/L)

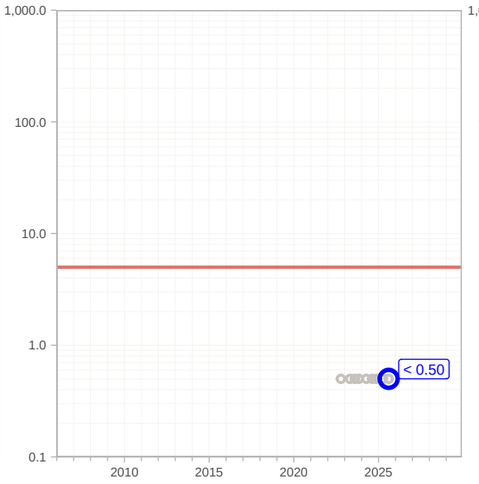
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
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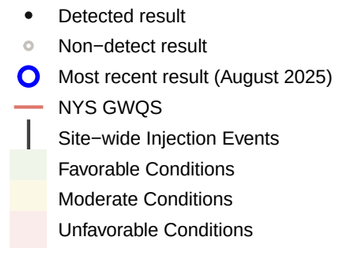
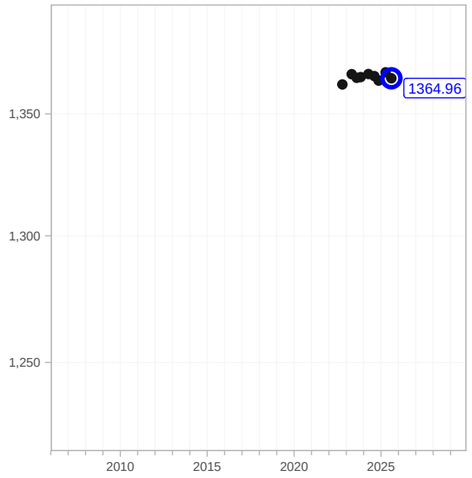


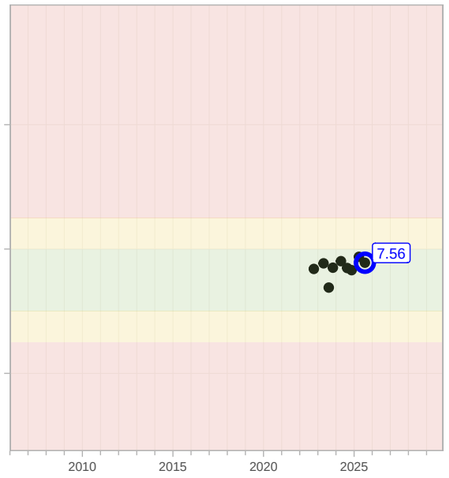
BP−45AI (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



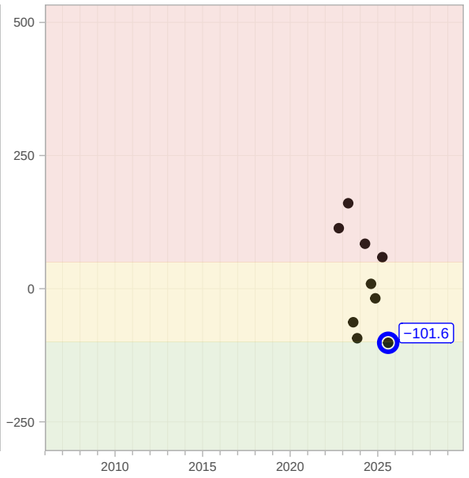
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



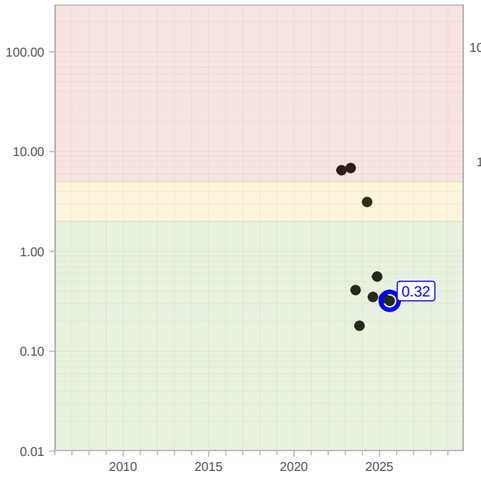
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



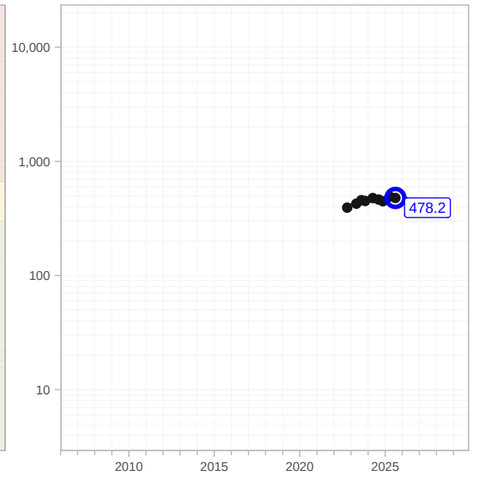
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



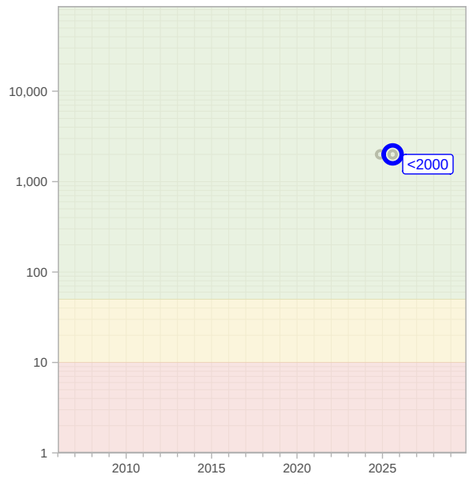
All | N = 9; ND = 0; %ND = 0; M−K = probably decreasing

Specific Conductance (uS/cm)



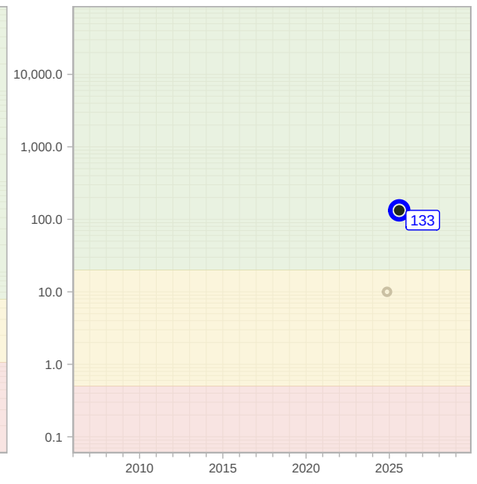
All | N = 9; ND = 0; %ND = 0; M−K = increasing

Sulfide (ug/L)



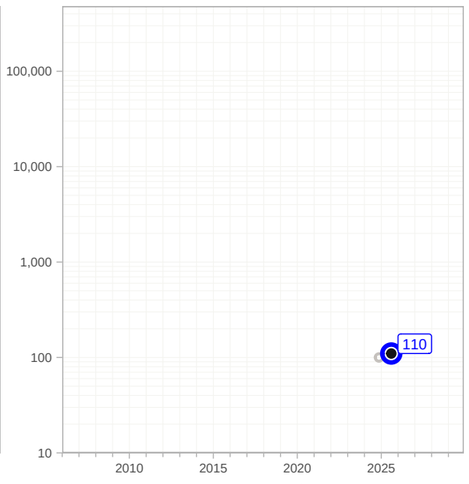
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Methane (ug/L)



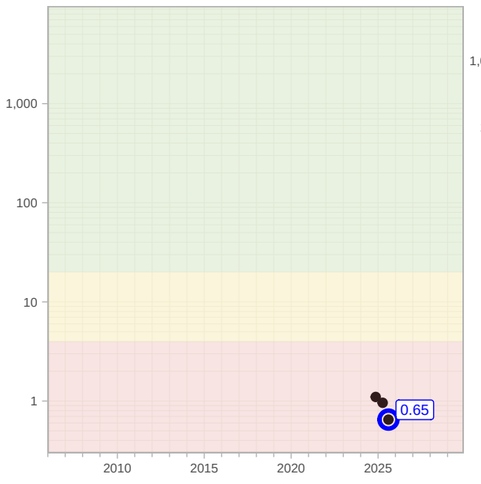
All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Iron − Ferrous (ug/L)



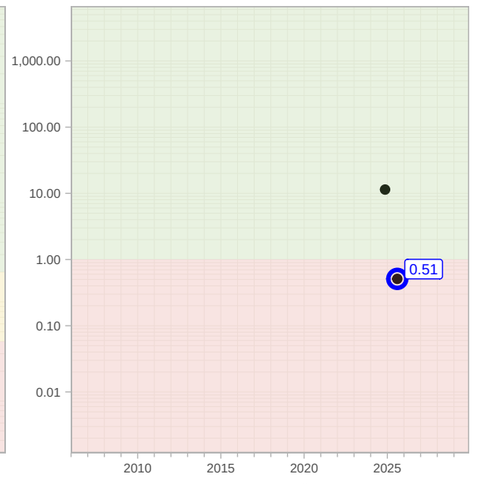
All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Total Organic Carbon (mg/L)



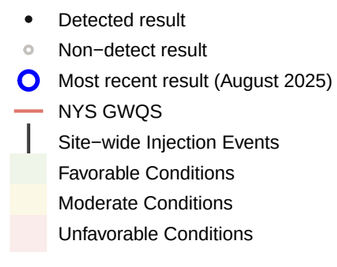
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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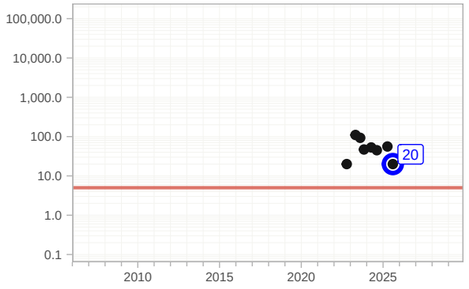
Trichloroethene (TCE) (ug/L)

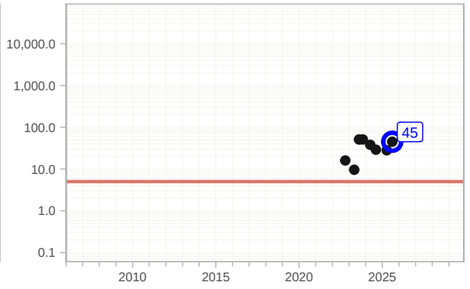
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

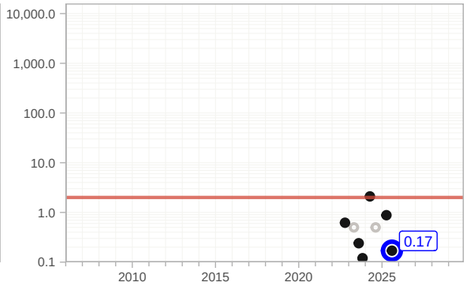
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = stable

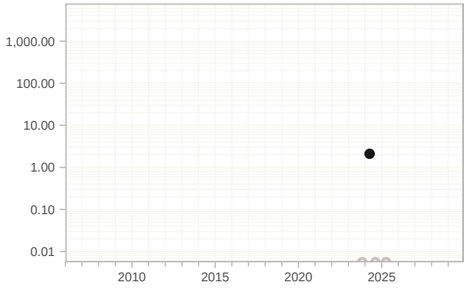
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



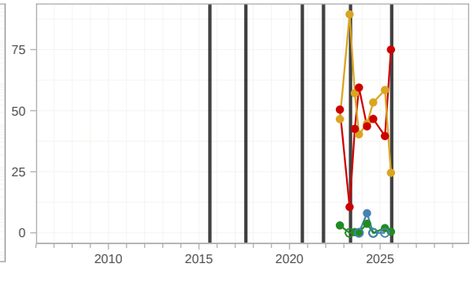
All | N = 8; ND = 2; %ND = 25; M−K = no trend

Ethane + Ethene (ug/L)



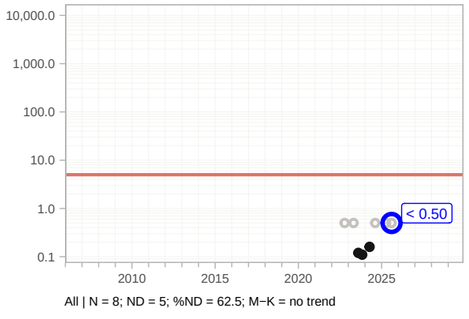
All | N = 4; ND = 3; %ND = 75; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

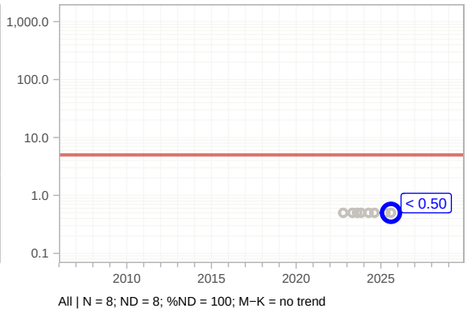
NYS GWQS = 5 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Dichloroethene (1,1−) (ug/L)

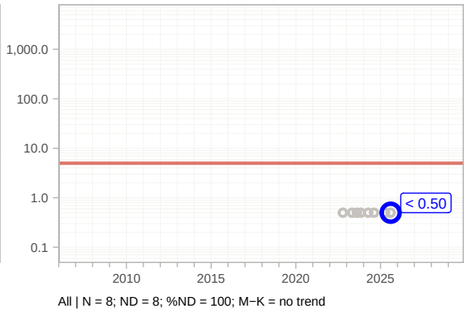
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

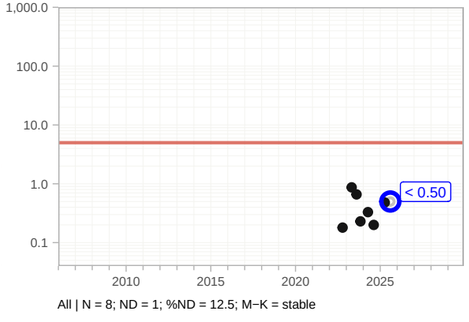
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

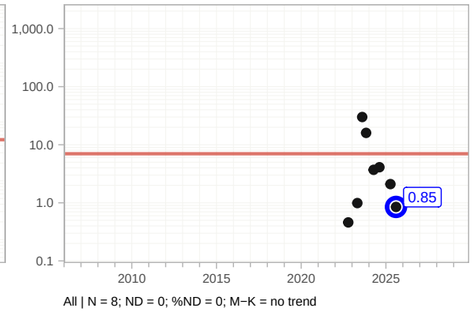
NYS GWQS = 5 ug/L



All | N = 8; ND = 1; %ND = 12.5; M−K = stable

Chloroform (Trichloromethane) (ug/L)

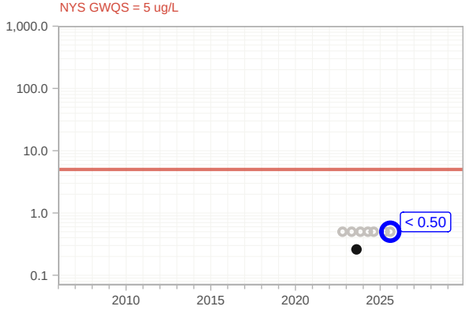
NYS GWQS = 7 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

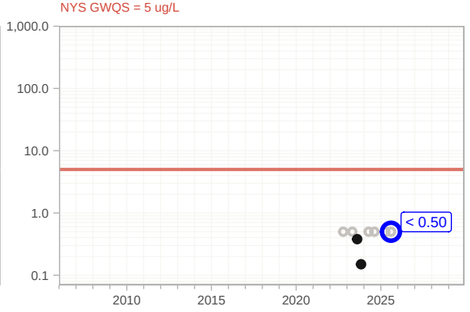
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Chloromethane (ug/L)

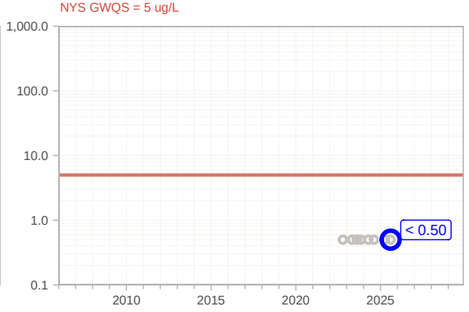
NYS GWQS = 5 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

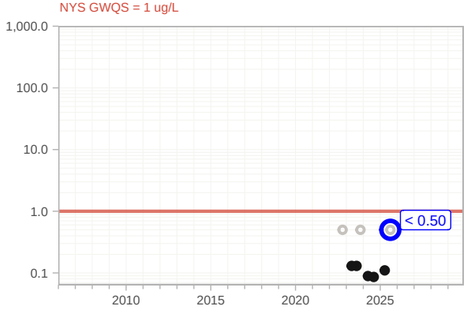
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

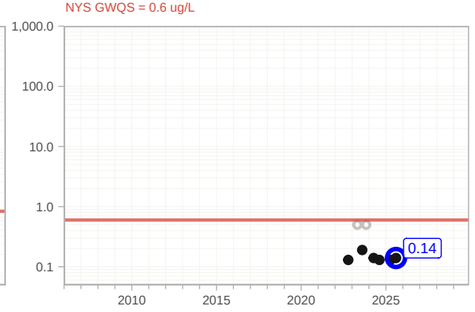
NYS GWQS = 1 ug/L



All | N = 8; ND = 3; %ND = 37.5; M−K = stable

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 2; %ND = 25; M−K = stable

Notes:
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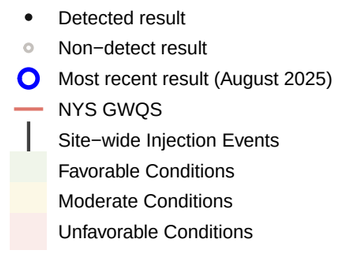
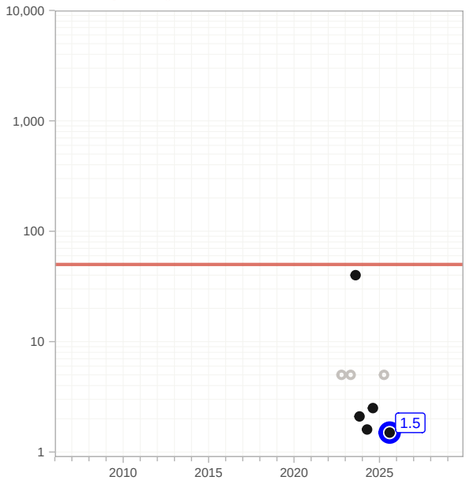


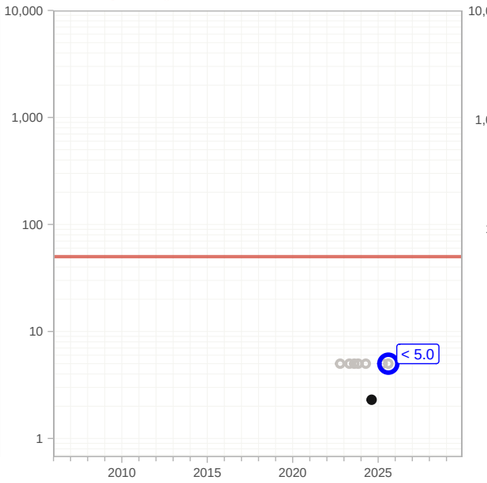
BP−45AS (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



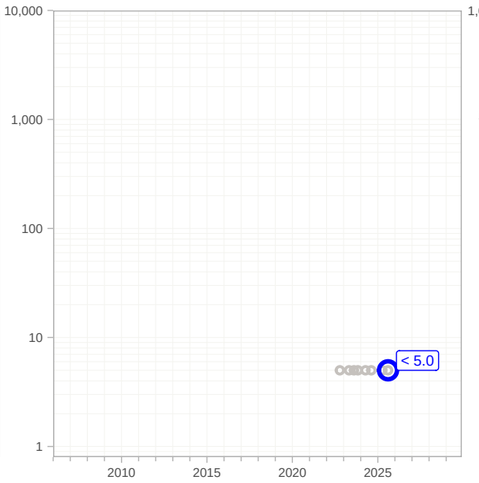
All | N = 8; ND = 3; %ND = 37.5; M−K = no trend

Butanone (2−) (MEK) (ug/L)



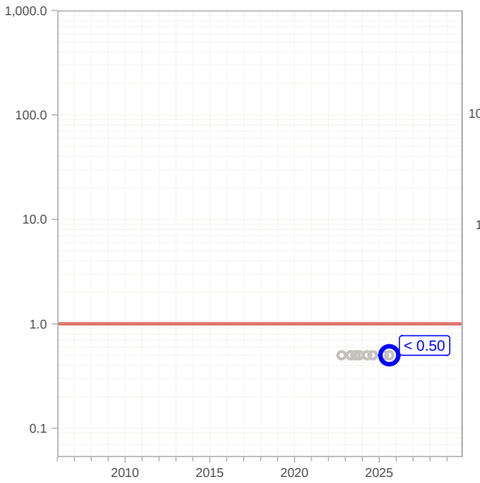
All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



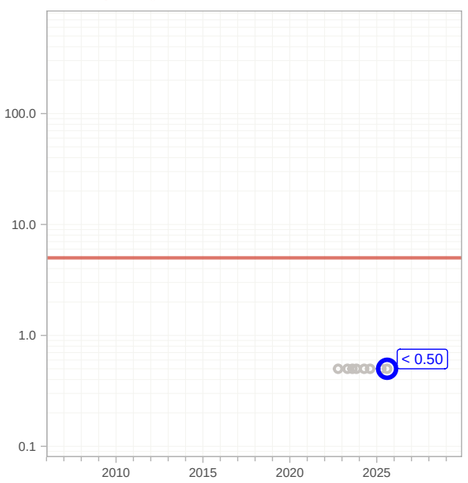
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)



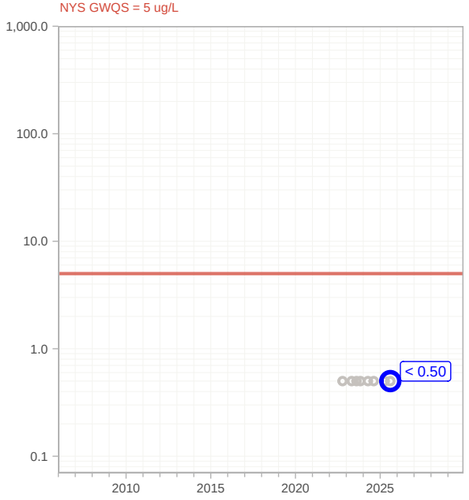
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Toluene (ug/L)



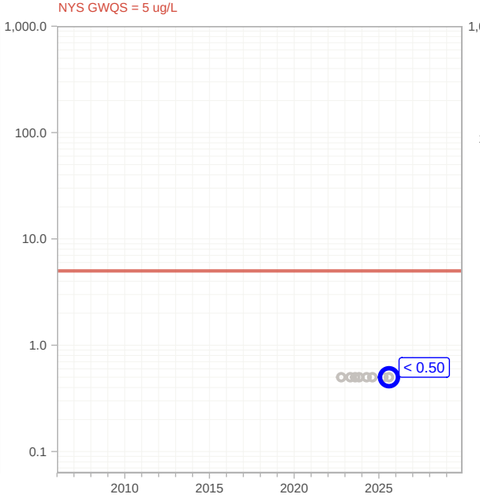
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



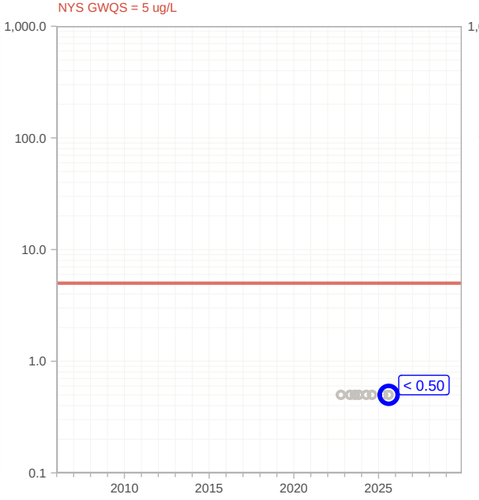
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



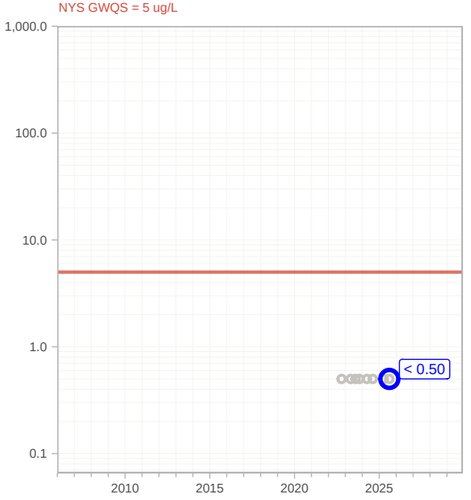
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Notes:
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−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

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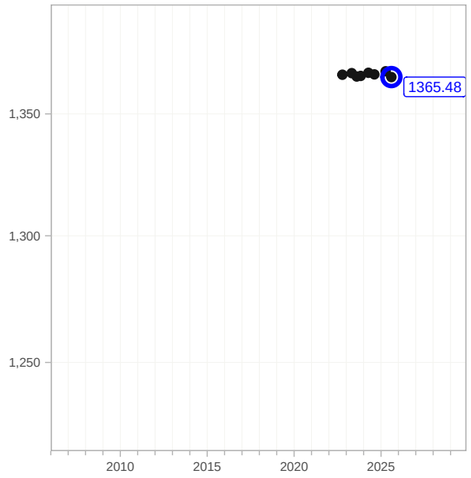
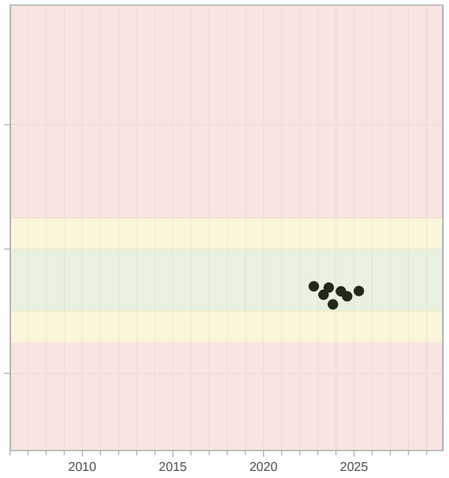
Groundwater Elevation (ft amsl)



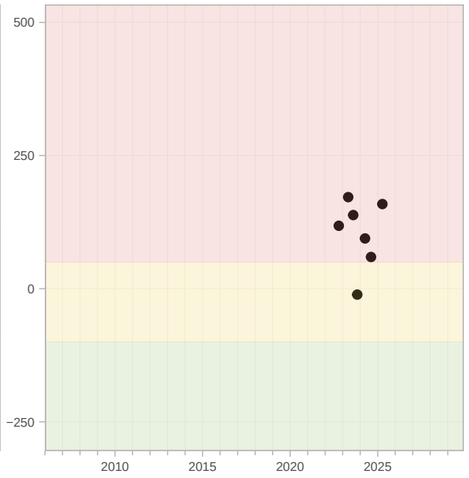
All | N = 8; ND = 0; %ND = 0; M−K = stable

pH (SU)



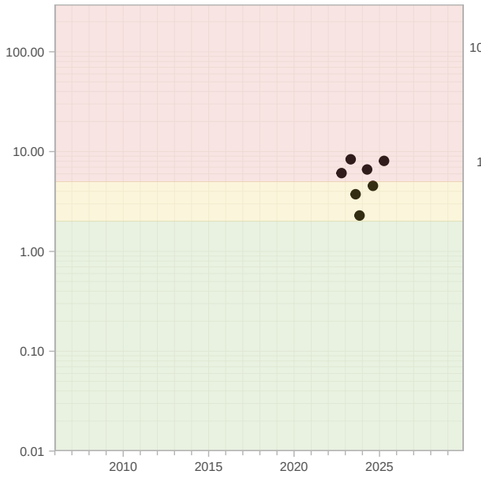
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Oxidation/Reduction Potential (mV)



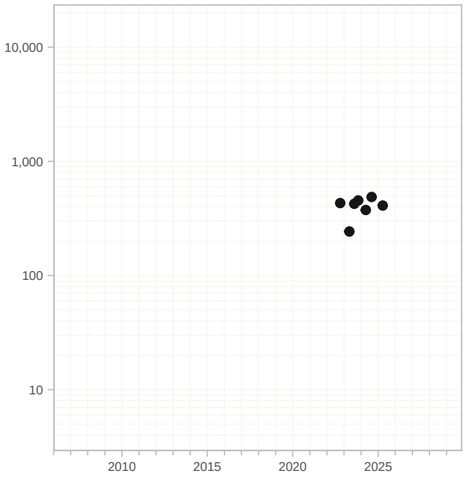
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



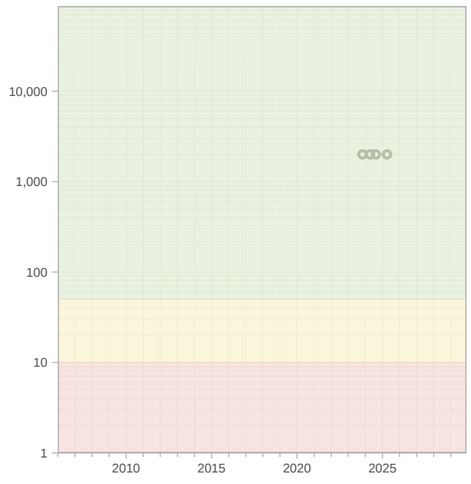
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



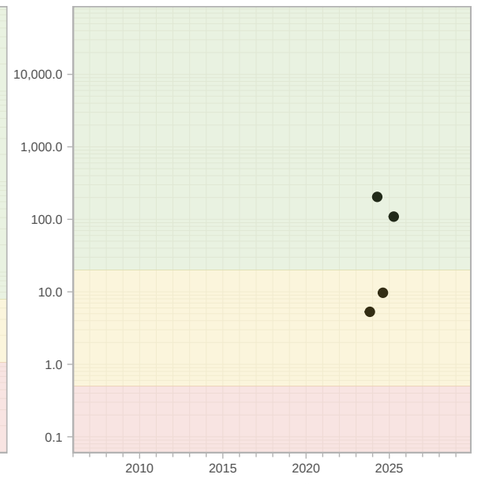
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Sulfide (ug/L)



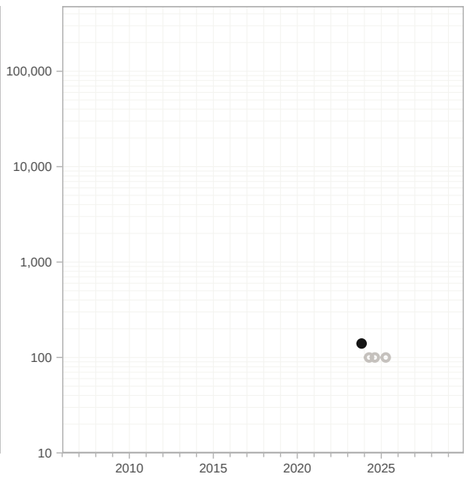
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Methane (ug/L)



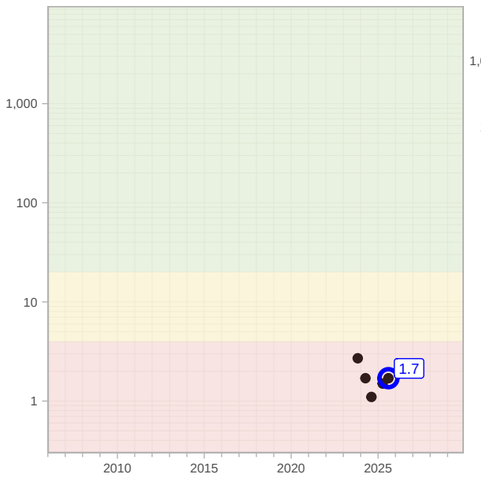
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



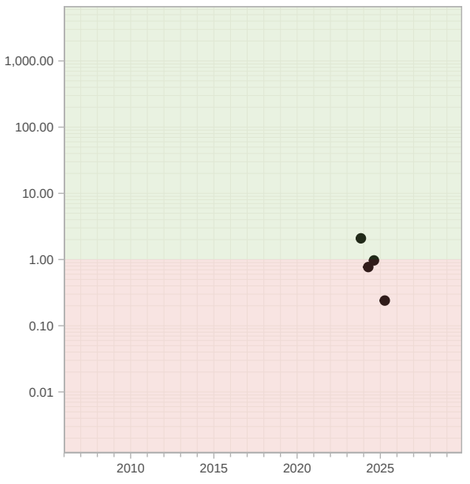
All | N = 4; ND = 3; %ND = 75; M−K = insufficient data

Total Organic Carbon (mg/L)



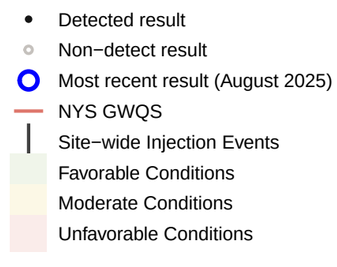
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

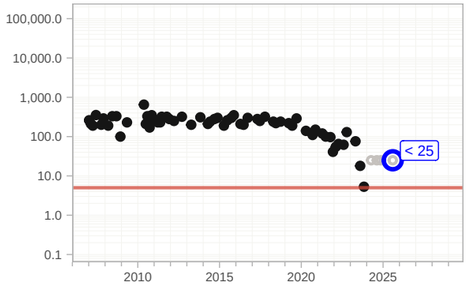
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−4A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

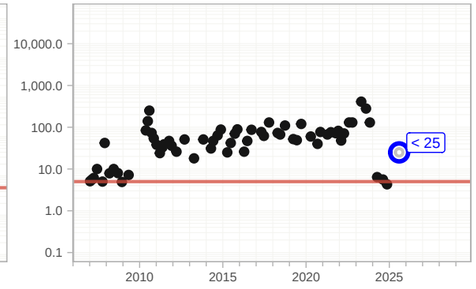
NYS GWQS = 5 ug/L



All | N = 64; ND = 4; %ND = 6.2; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

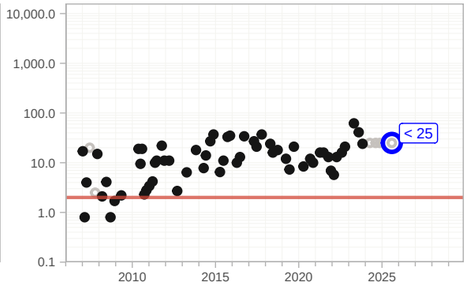
NYS GWQS = 5 ug/L



All | N = 64; ND = 1; %ND = 1.6; M−K = strong increasing

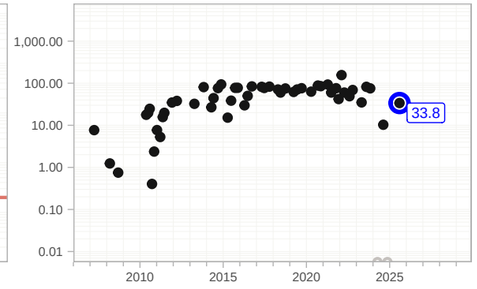
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



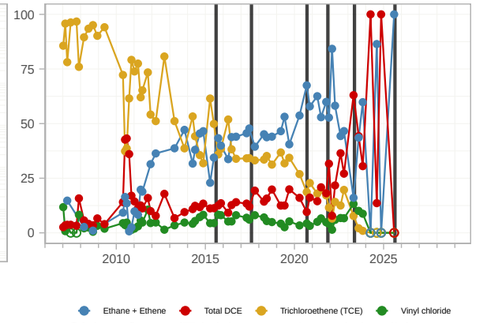
All | N = 64; ND = 6; %ND = 9.4; M−K = strong increasing

Ethane + Ethene (ug/L)



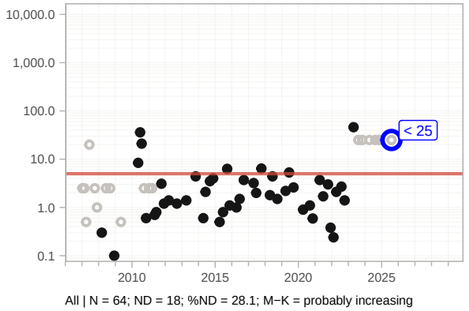
All | N = 54; ND = 2; %ND = 3.7; M−K = strong increasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

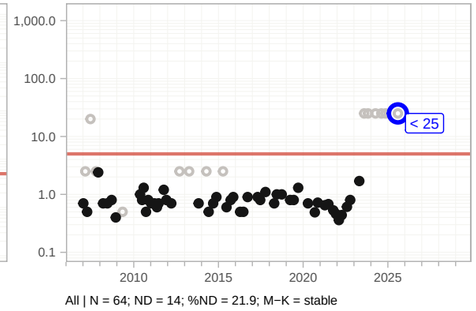
NYS GWQS = 5 ug/L



All | N = 64; ND = 18; %ND = 28.1; M−K = probably increasing

Dichloroethene (1,1−) (ug/L)

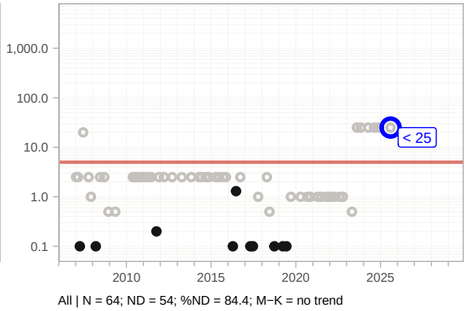
NYS GWQS = 5 ug/L



All | N = 64; ND = 14; %ND = 21.9; M−K = stable

Tetrachloroethene (PCE) (ug/L)

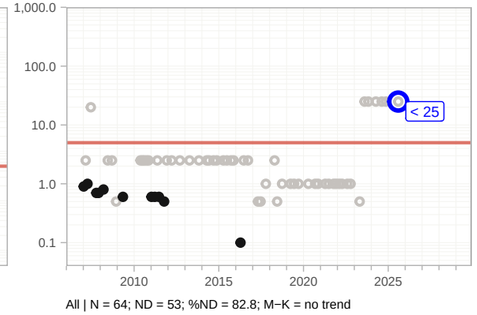
NYS GWQS = 5 ug/L



All | N = 64; ND = 54; %ND = 84.4; M−K = no trend

Carbon tetrachloride (ug/L)

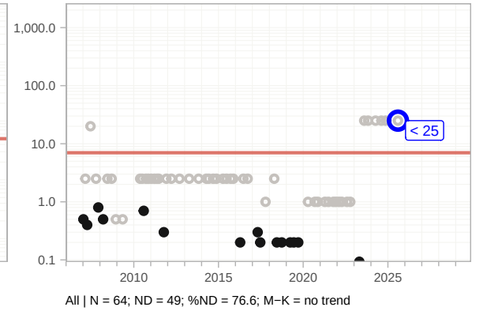
NYS GWQS = 5 ug/L



All | N = 64; ND = 53; %ND = 82.8; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

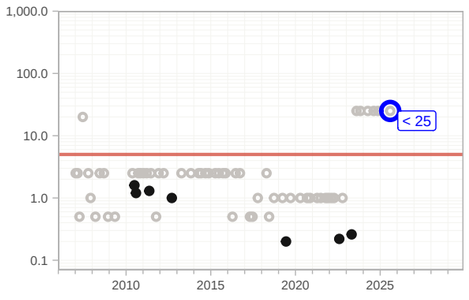
NYS GWQS = 7 ug/L



All | N = 64; ND = 49; %ND = 76.6; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

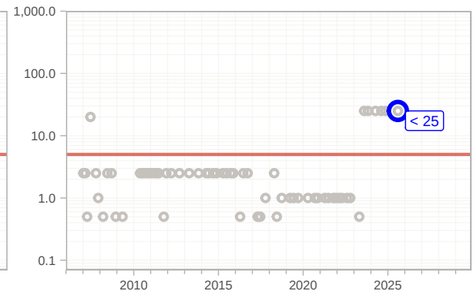
NYS GWQS = 5 ug/L



All | N = 64; ND = 57; %ND = 89.1; M−K = no trend

Chloromethane (ug/L)

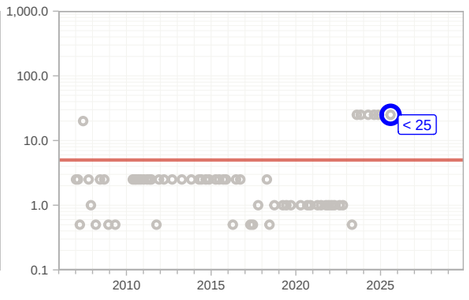
NYS GWQS = 5 ug/L



All | N = 64; ND = 64; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

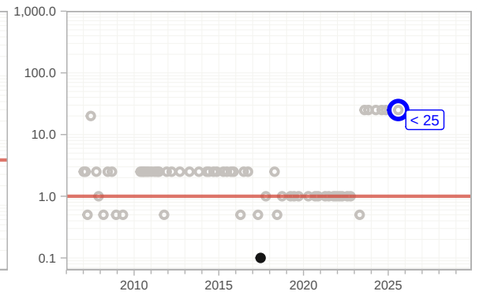
NYS GWQS = 5 ug/L



All | N = 64; ND = 64; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

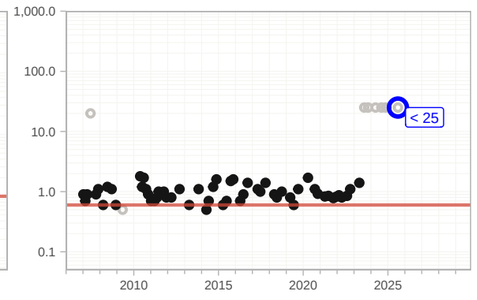
NYS GWQS = 1 ug/L



All | N = 64; ND = 63; %ND = 98.4; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 64; ND = 8; %ND = 12.5; M−K = stable

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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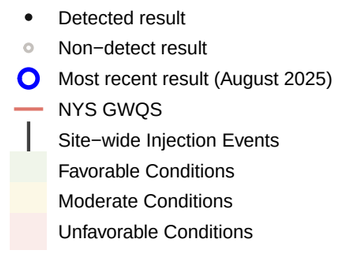
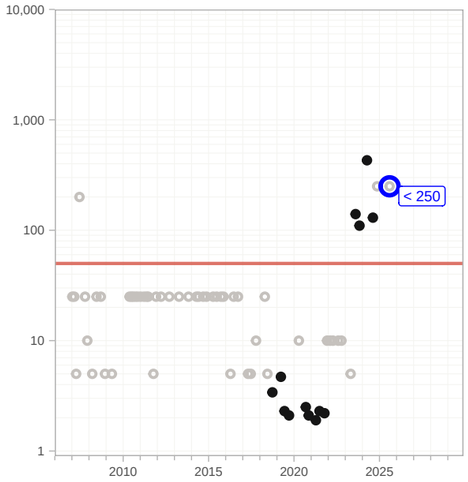


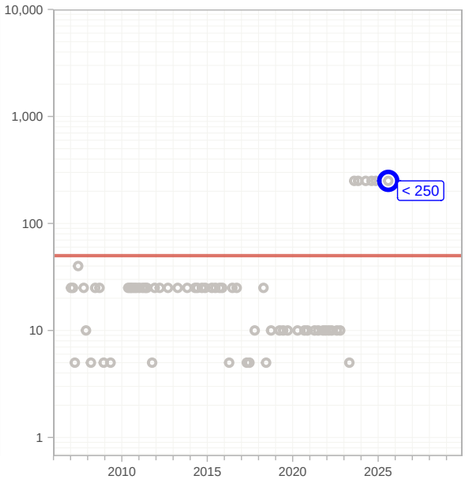
BP−4A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



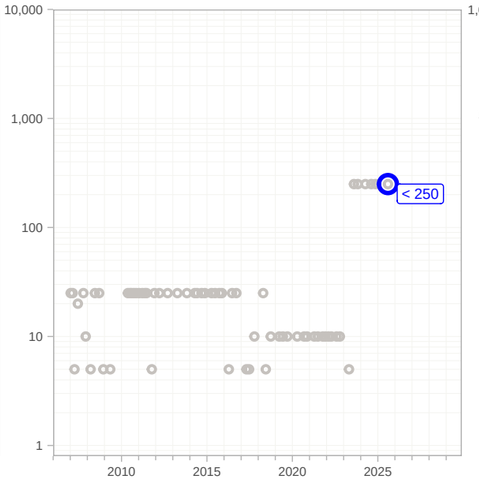
All | N = 64; ND = 51; %ND = 79.7; M−K = no trend

Butanone (2−) (MEK) (ug/L)



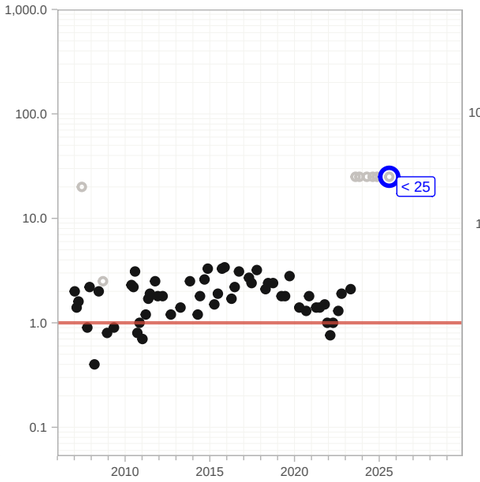
All | N = 64; ND = 64; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



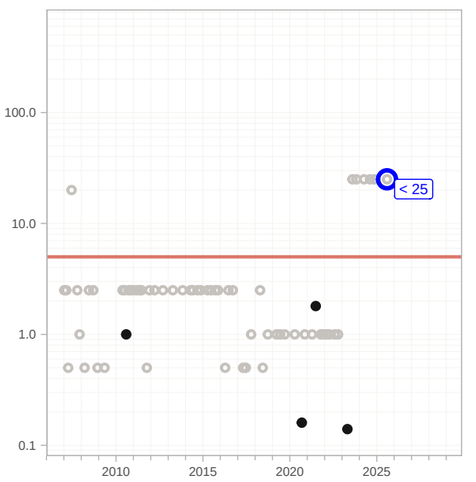
All | N = 64; ND = 64; %ND = 100; M−K = no trend

Benzene (ug/L)



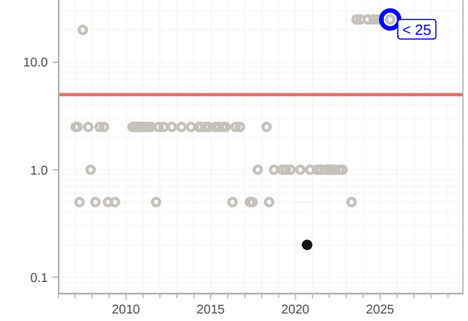
All | N = 64; ND = 8; %ND = 12.5; M−K = stable

Toluene (ug/L)



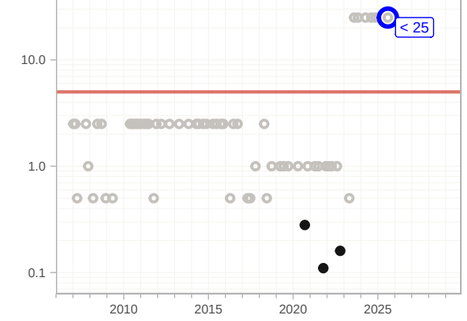
All | N = 64; ND = 60; %ND = 93.8; M−K = no trend

Ethylbenzene (ug/L)



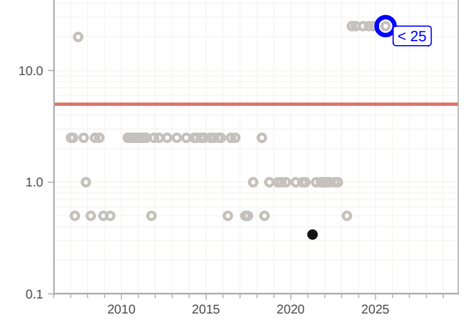
All | N = 64; ND = 63; %ND = 98.4; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



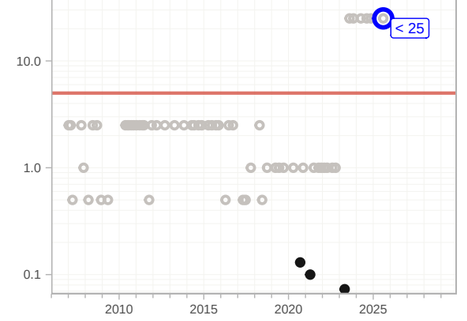
All | N = 63; ND = 60; %ND = 95.2; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 64; ND = 63; %ND = 98.4; M−K = no trend

Xylene (o−) (ug/L)



All | N = 63; ND = 60; %ND = 95.2; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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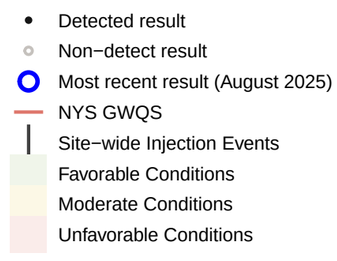
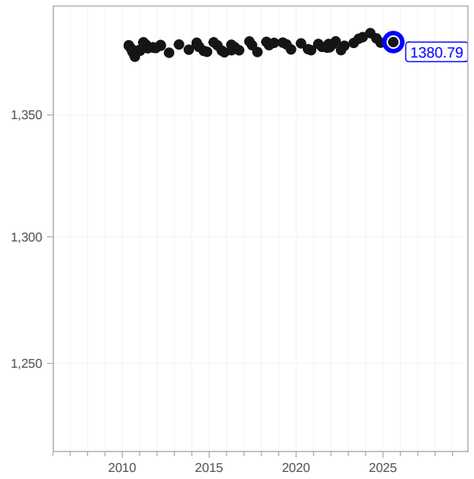
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



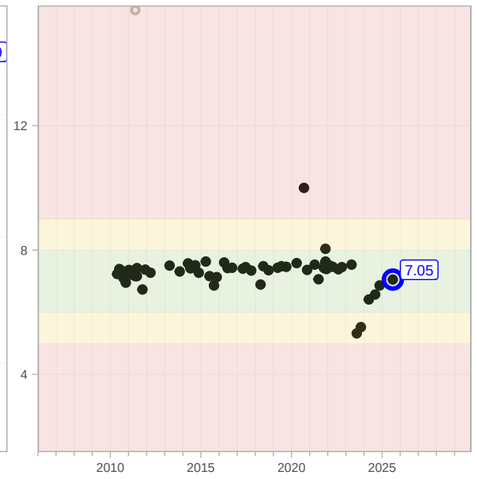
BP−4A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



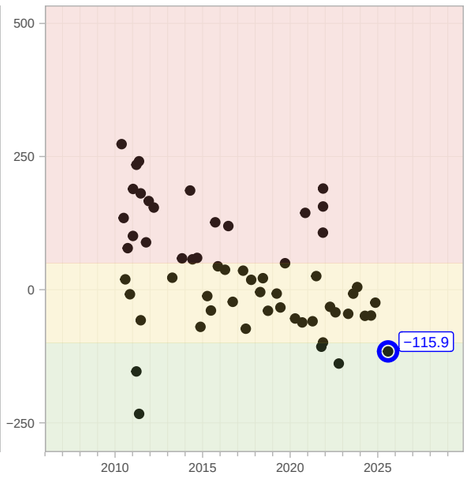
All | N = 63; ND = 0; %ND = 0; M−K = strong increasing

pH (SU)



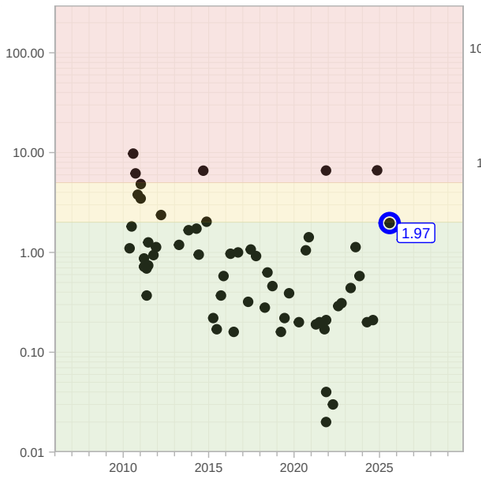
All | N = 60; ND = 1; %ND = 1.7; M−K = stable

Oxidation/Reduction Potential (mV)



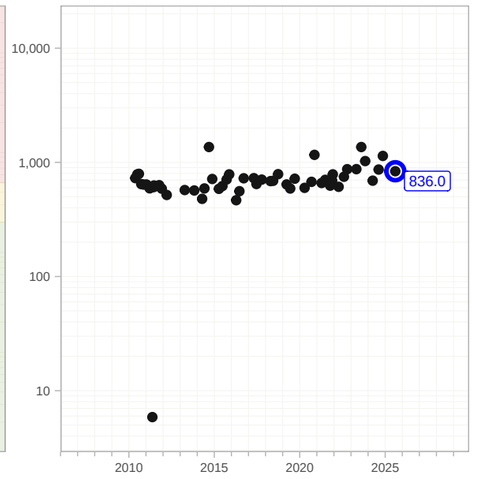
All | N = 58; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



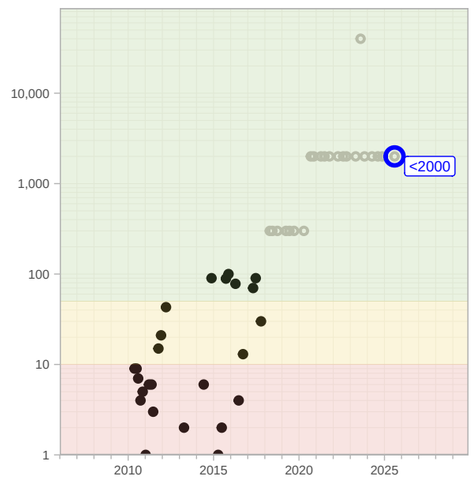
All | N = 58; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)



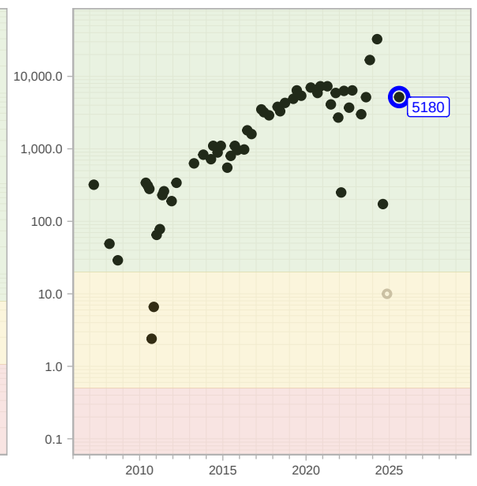
All | N = 59; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



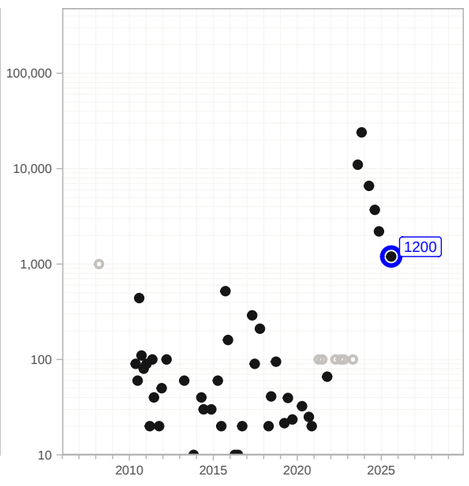
All | N = 47; ND = 22; %ND = 46.8; M−K = no trend

Methane (ug/L)



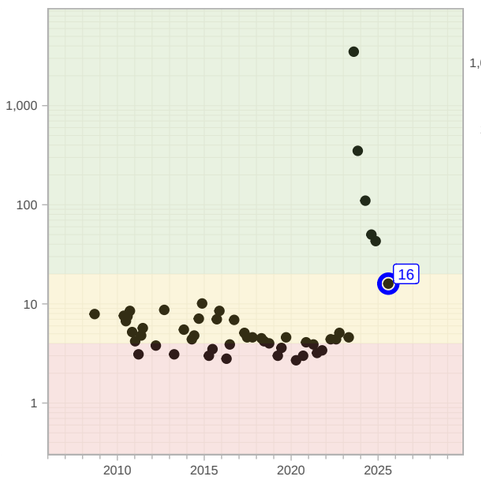
All | N = 54; ND = 1; %ND = 1.8; M−K = strong increasing

Iron − Ferrous (ug/L)



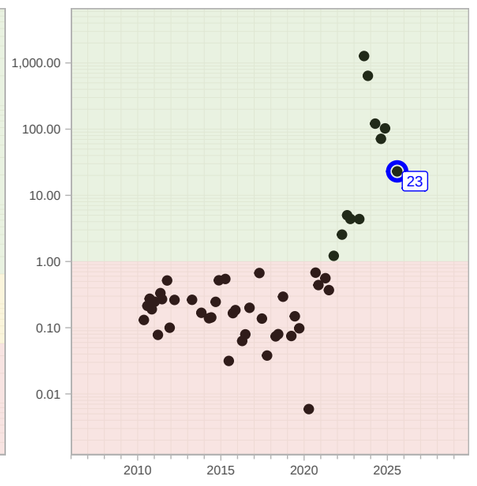
All | N = 50; ND = 7; %ND = 14; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 50; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 49; ND = 0; %ND = 0; M−K = strong increasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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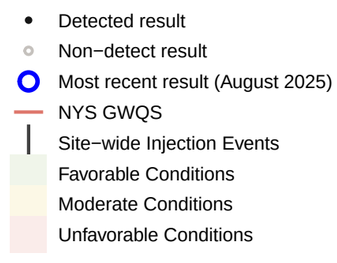
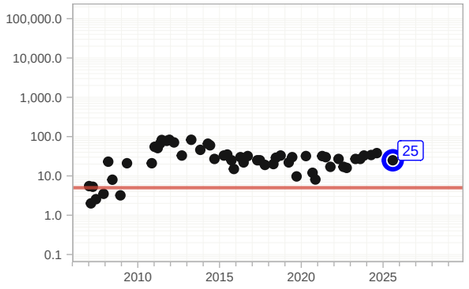
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−5A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

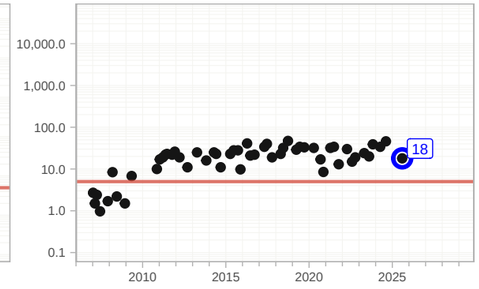
NYS GWQS = 5 ug/L



All | N = 54; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

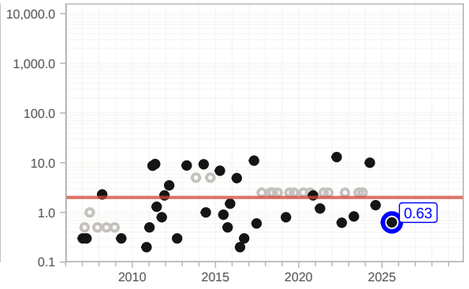
NYS GWQS = 5 ug/L



All | N = 54; ND = 0; %ND = 0; M−K = strong increasing

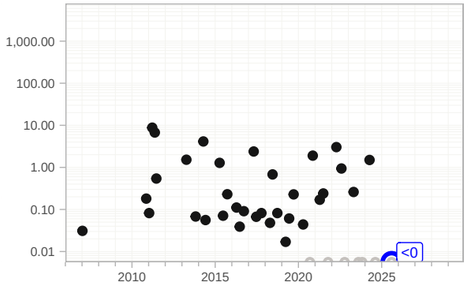
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



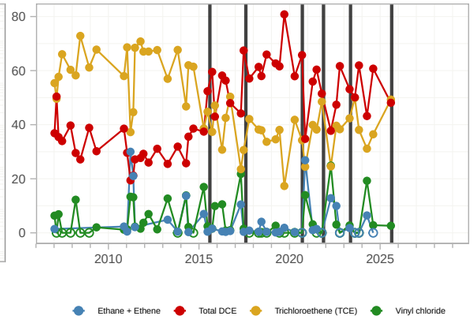
All | N = 54; ND = 20; %ND = 37; M−K = no trend

Ethane + Ethene (ug/L)



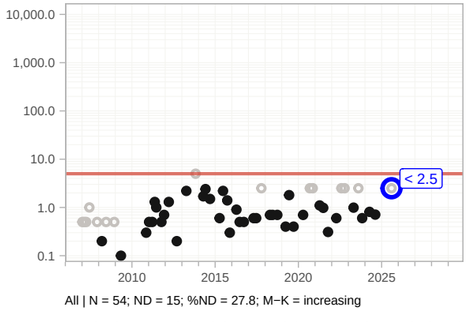
All | N = 40; ND = 7; %ND = 17.5; M−K = decreasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

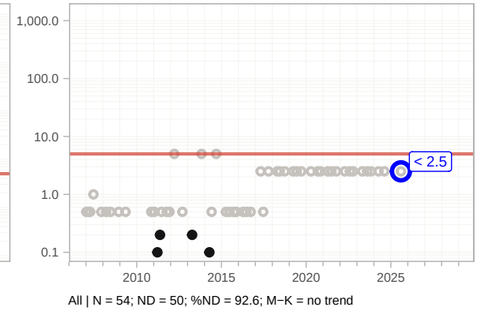
NYS GWQS = 5 ug/L



All | N = 54; ND = 15; %ND = 27.8; M−K = increasing

Dichloroethene (1,1−) (ug/L)

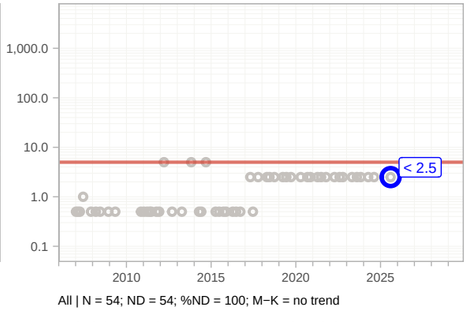
NYS GWQS = 5 ug/L



All | N = 54; ND = 50; %ND = 92.6; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

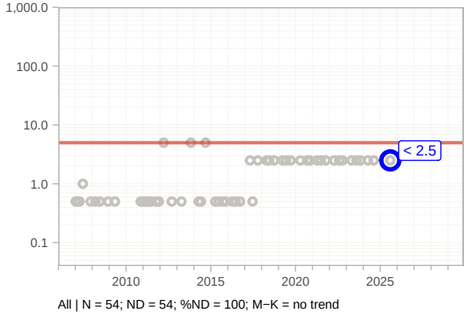
NYS GWQS = 5 ug/L



All | N = 54; ND = 54; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

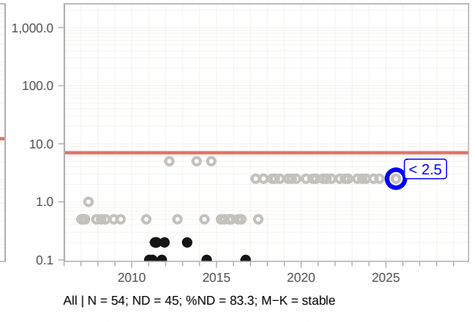
NYS GWQS = 5 ug/L



All | N = 54; ND = 54; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

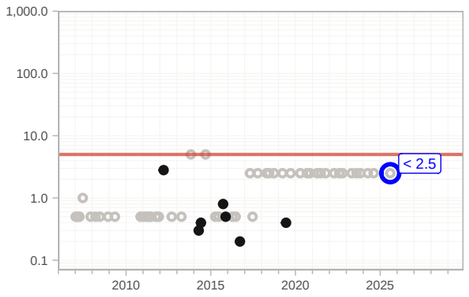
NYS GWQS = 7 ug/L



All | N = 54; ND = 45; %ND = 83.3; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

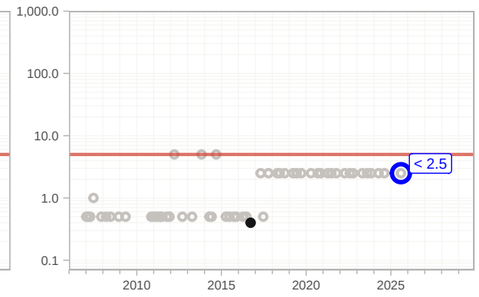
NYS GWQS = 5 ug/L



All | N = 54; ND = 47; %ND = 87; M−K = no trend

Chloromethane (ug/L)

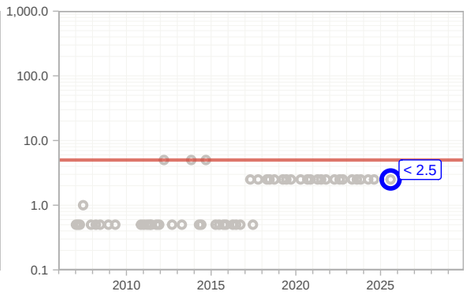
NYS GWQS = 5 ug/L



All | N = 54; ND = 53; %ND = 98.1; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

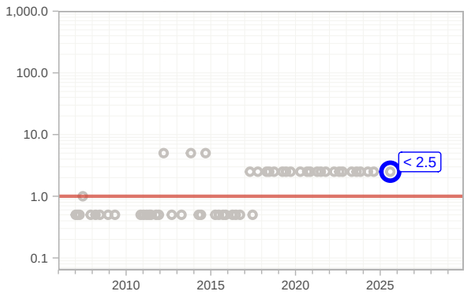
NYS GWQS = 5 ug/L



All | N = 54; ND = 54; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

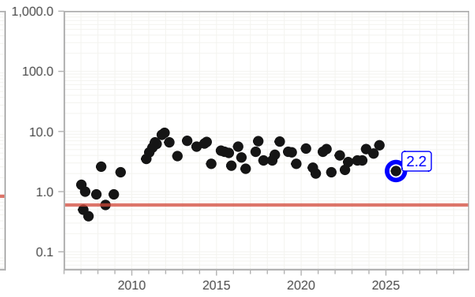
NYS GWQS = 1 ug/L



All | N = 54; ND = 54; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 54; ND = 0; %ND = 0; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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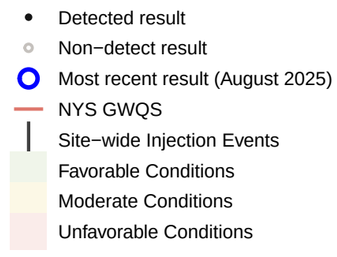
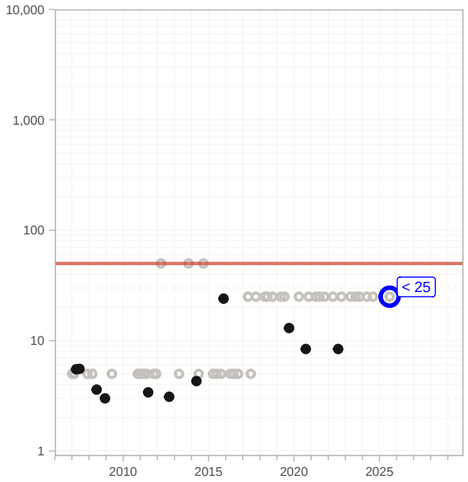


BP−5A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

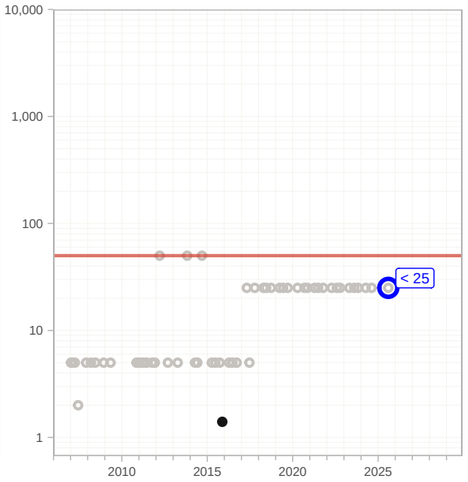
NYS GWQS = 50 ug/L



All | N = 54; ND = 43; %ND = 79.6; M−K = no trend

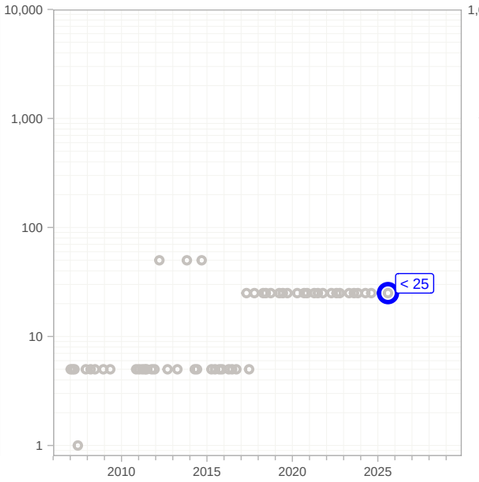
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 54; ND = 53; %ND = 98.1; M−K = no trend

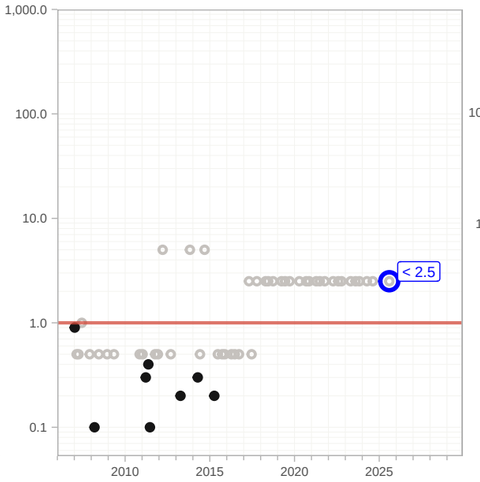
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 54; ND = 54; %ND = 100; M−K = no trend

Benzene (ug/L)

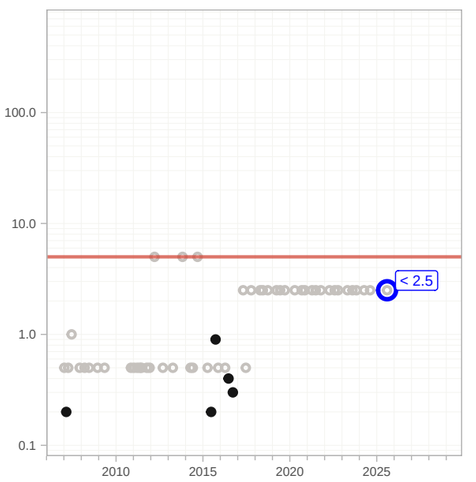
NYS GWQS = 1 ug/L



All | N = 54; ND = 46; %ND = 85.2; M−K = no trend

Toluene (ug/L)

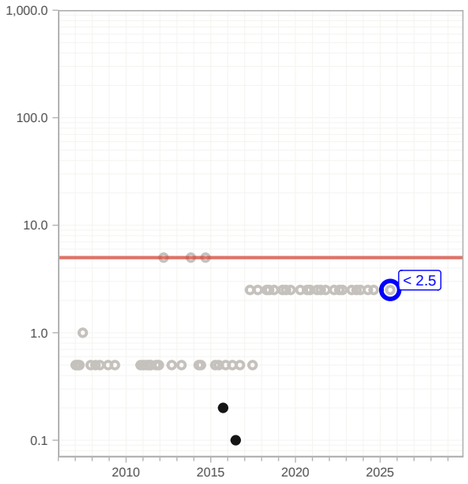
NYS GWQS = 5 ug/L



All | N = 54; ND = 49; %ND = 90.7; M−K = no trend

Ethylbenzene (ug/L)

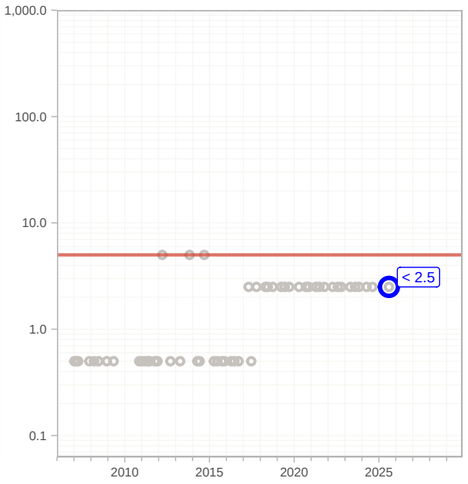
NYS GWQS = 5 ug/L



All | N = 54; ND = 52; %ND = 96.3; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

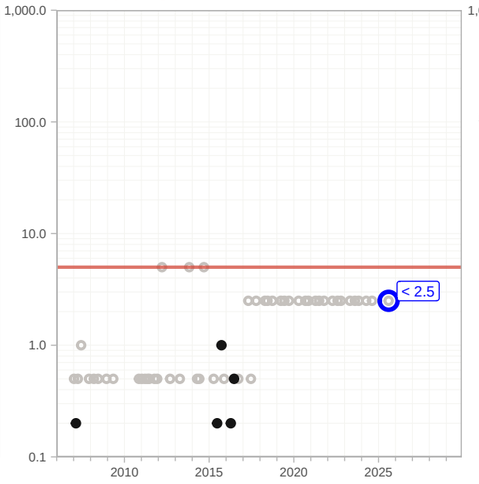
NYS GWQS = 5 ug/L



All | N = 53; ND = 53; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

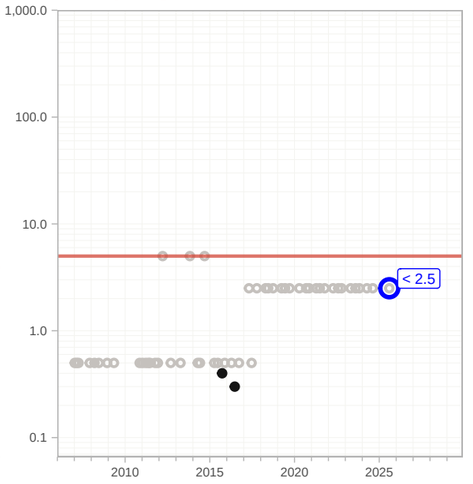
NYS GWQS = 5 ug/L



All | N = 54; ND = 49; %ND = 90.7; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 53; ND = 51; %ND = 96.2; M−K = no trend

Notes:
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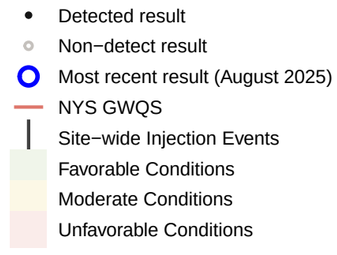
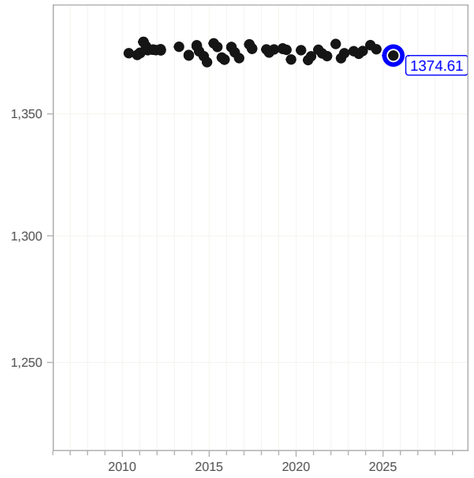


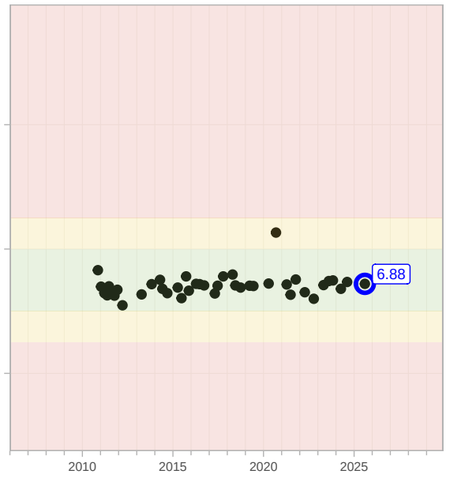
BP−5A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



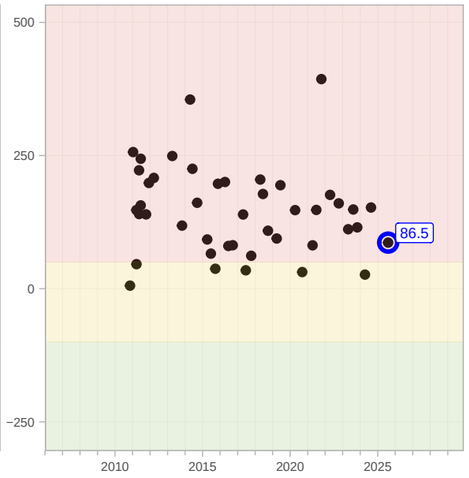
All | N = 58; ND = 0; %ND = 0; M−K = stable

pH (SU)



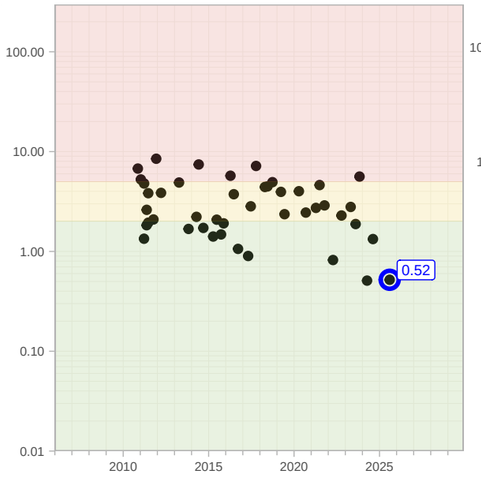
All | N = 44; ND = 0; %ND = 0; M−K = increasing

Oxidation/Reduction Potential (mV)



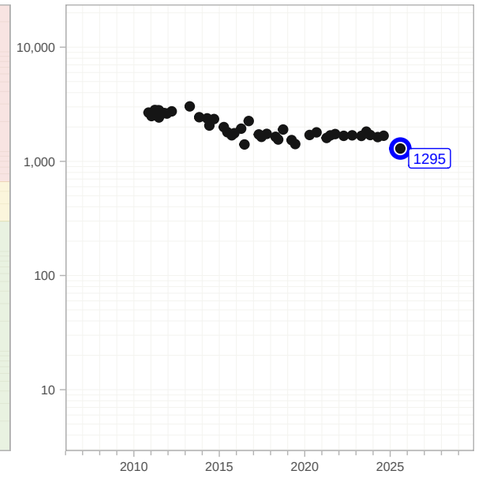
All | N = 44; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



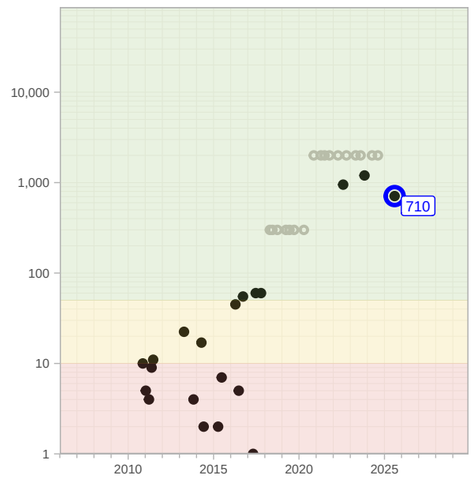
All | N = 44; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



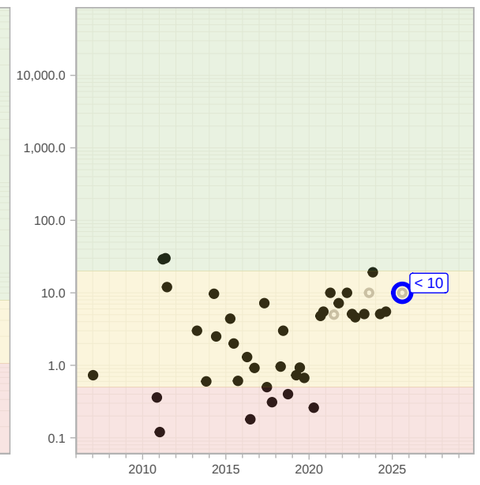
All | N = 44; ND = 0; %ND = 0; M−K = strong decreasing

Sulfide (ug/L)



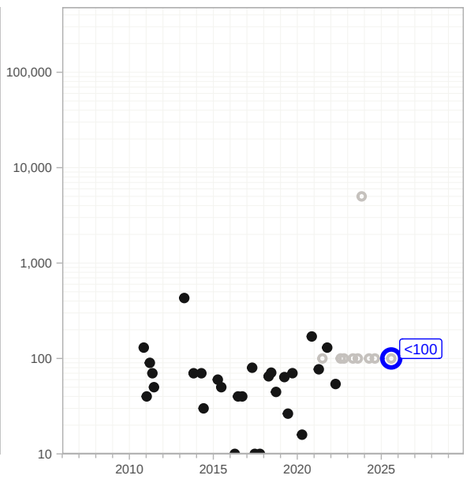
All | N = 37; ND = 17; %ND = 45.9; M−K = no trend

Methane (ug/L)



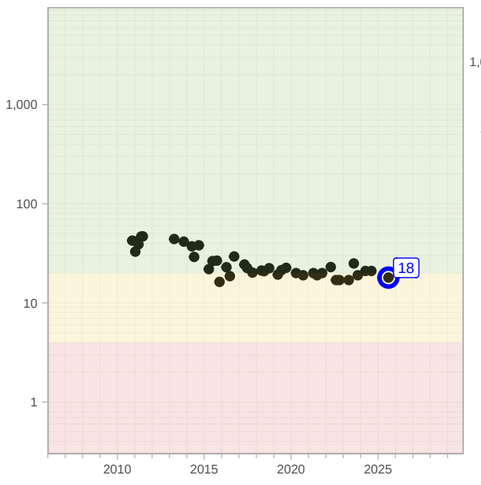
All | N = 40; ND = 3; %ND = 7.5; M−K = no trend

Iron − Ferrous (ug/L)



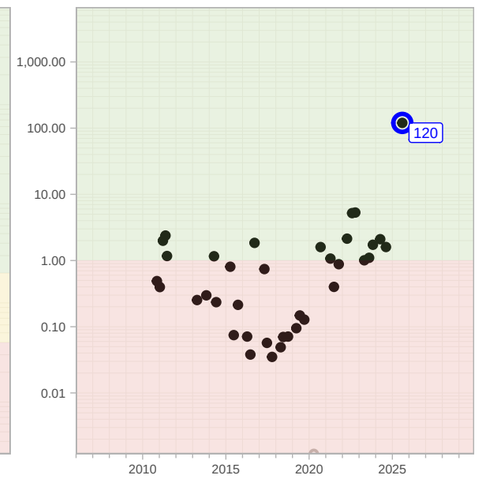
All | N = 37; ND = 9; %ND = 24.3; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 40; ND = 0; %ND = 0; M−K = strong decreasing

Total Volatile Fatty Acids (mg/L)



All | N = 38; ND = 1; %ND = 2.6; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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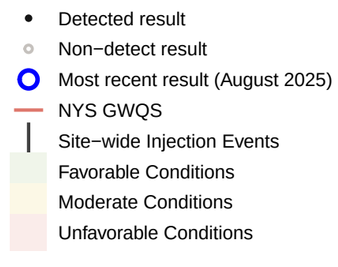
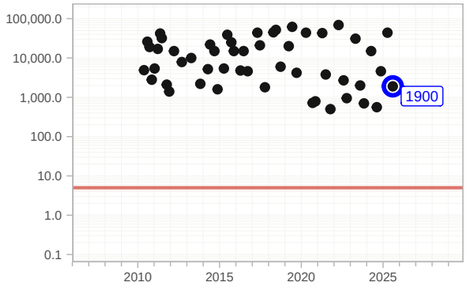


BP−6A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

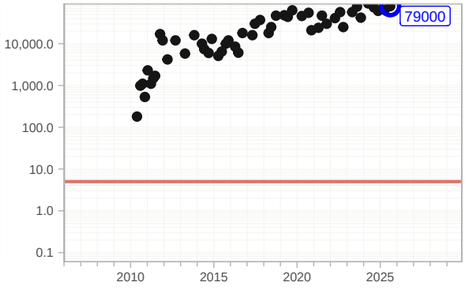
NYS GWQS = 5 ug/L



All | N = 51; ND = 0; %ND = 0; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

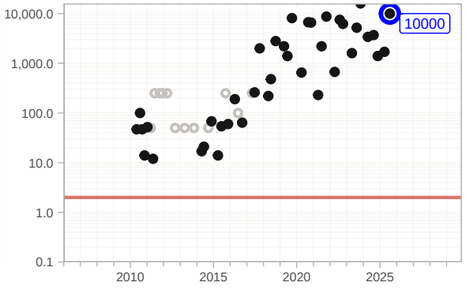
NYS GWQS = 5 ug/L



All | N = 51; ND = 0; %ND = 0; M−K = strong increasing

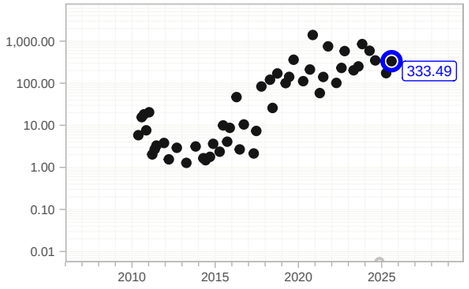
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



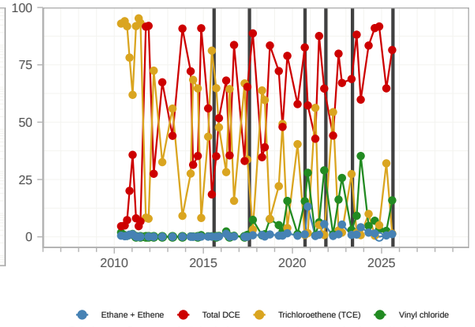
All | N = 51; ND = 12; %ND = 23.5; M−K = strong increasing

Ethane + Ethene (ug/L)



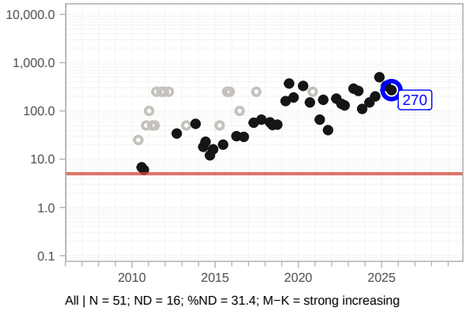
All | N = 50; ND = 1; %ND = 2; M−K = strong increasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

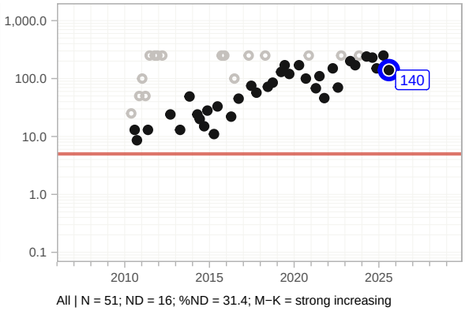
NYS GWQS = 5 ug/L



All | N = 51; ND = 16; %ND = 31.4; M−K = strong increasing

Dichloroethene (1,1−) (ug/L)

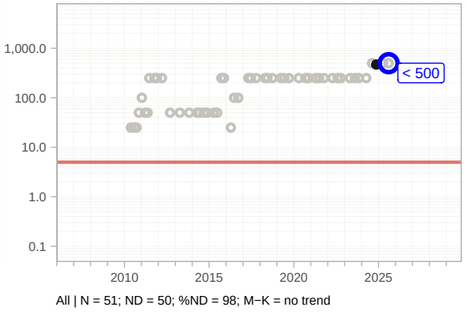
NYS GWQS = 5 ug/L



All | N = 51; ND = 16; %ND = 31.4; M−K = strong increasing

Tetrachloroethene (PCE) (ug/L)

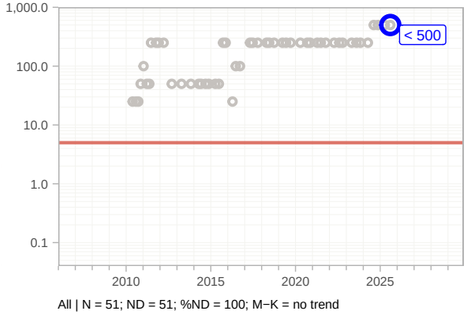
NYS GWQS = 5 ug/L



All | N = 51; ND = 50; %ND = 98; M−K = no trend

Carbon tetrachloride (ug/L)

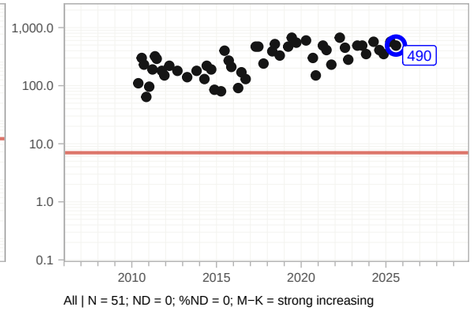
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

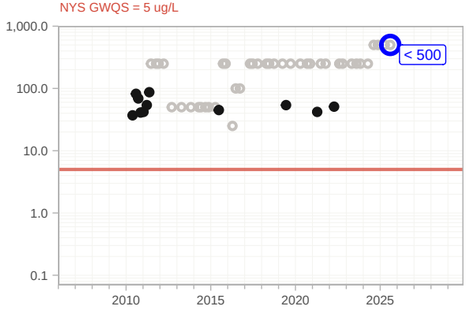
NYS GWQS = 7 ug/L



All | N = 51; ND = 0; %ND = 0; M−K = strong increasing

Methylene Chloride (Dichloromethane) (ug/L

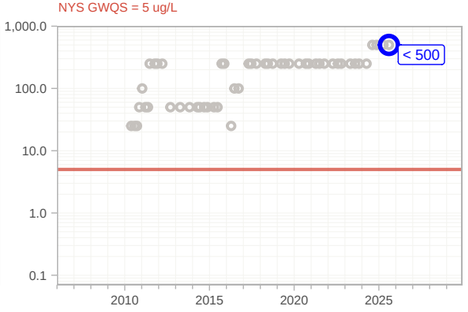
NYS GWQS = 5 ug/L



All | N = 51; ND = 40; %ND = 78.4; M−K = stable

Chloromethane (ug/L)

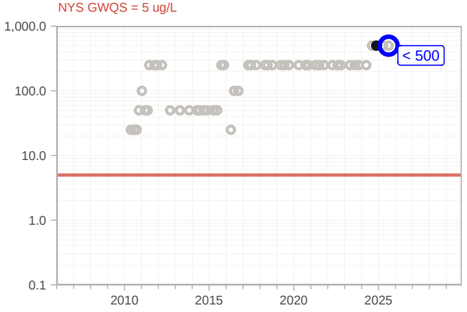
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

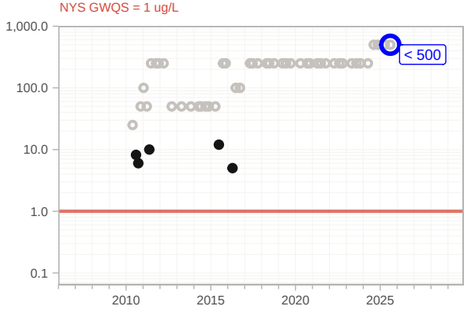
NYS GWQS = 5 ug/L



All | N = 51; ND = 50; %ND = 98; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

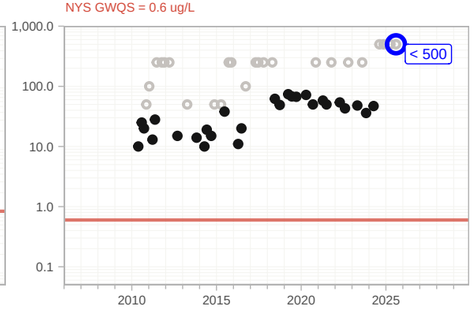
NYS GWQS = 1 ug/L



All | N = 51; ND = 46; %ND = 90.2; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 51; ND = 24; %ND = 47.1; M−K = stable

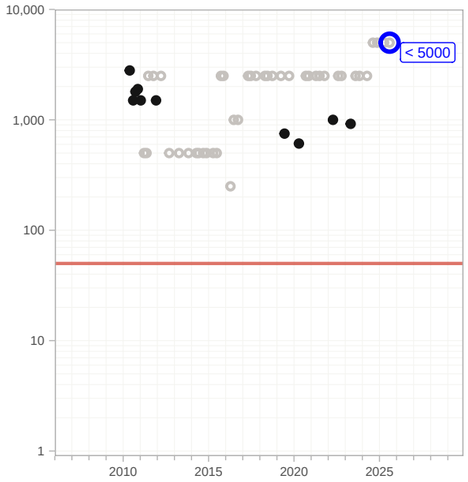
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

Detected result
Non−detect result
Most recent result (August 2025)
NYS GWQS
Site−wide Injection Events
Favorable Conditions
Moderate Conditions
Unfavorable Conditions

BP−6A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

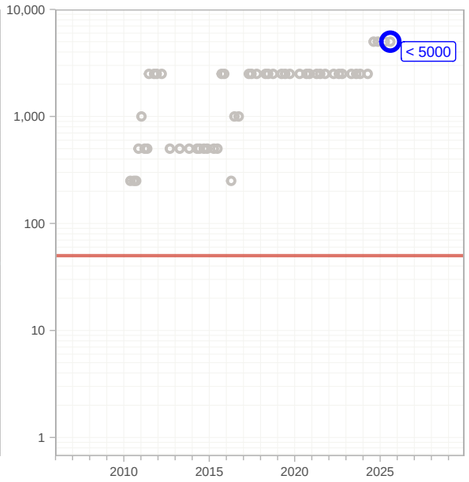
NYS GWQS = 50 ug/L



All | N = 51; ND = 41; %ND = 80.4; M−K = stable

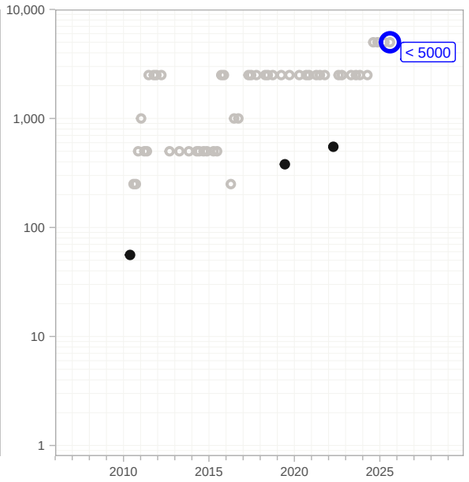
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

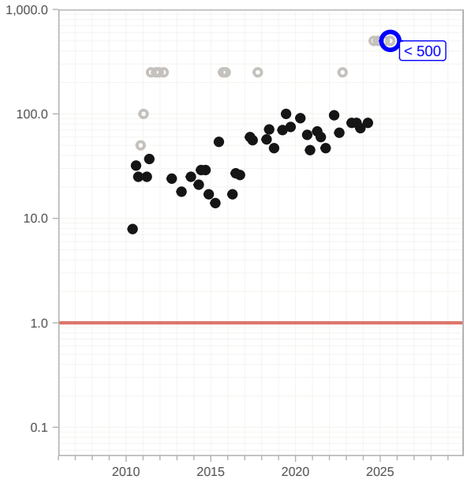
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 51; ND = 48; %ND = 94.1; M−K = no trend

Benzene (ug/L)

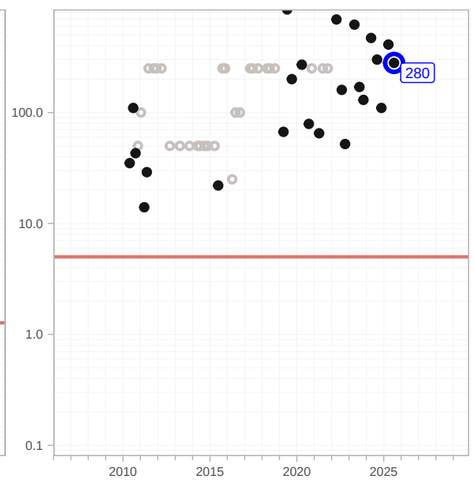
NYS GWQS = 1 ug/L



All | N = 51; ND = 14; %ND = 27.5; M−K = strong increasing

Toluene (ug/L)

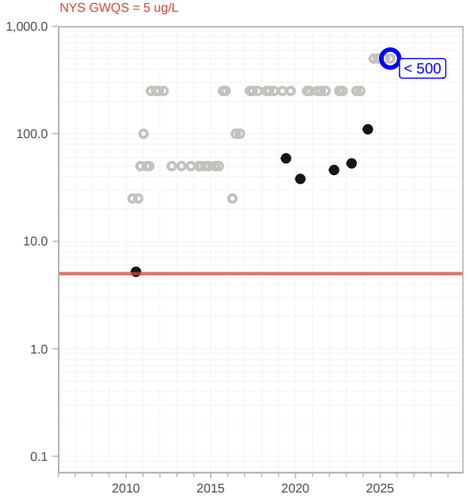
NYS GWQS = 5 ug/L



All | N = 51; ND = 28; %ND = 54.9; M−K = strong increasing

Ethylbenzene (ug/L)

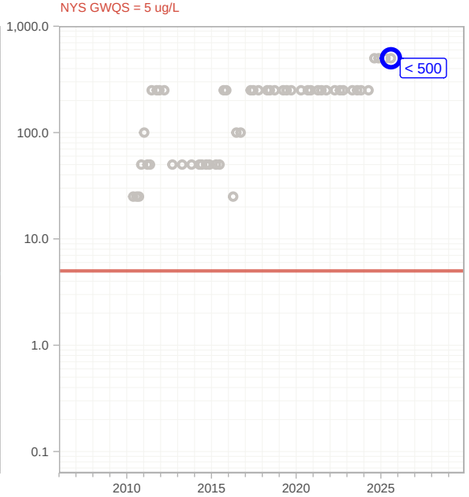
NYS GWQS = 5 ug/L



All | N = 51; ND = 45; %ND = 88.2; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

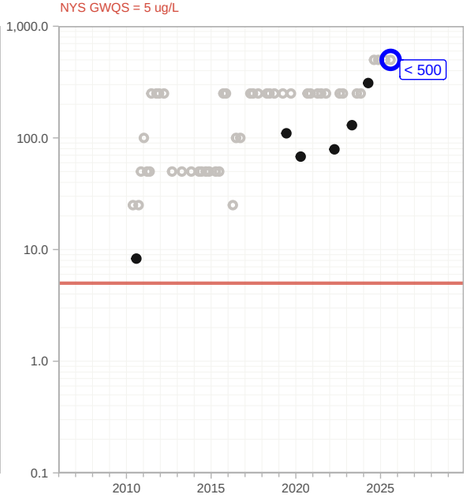
NYS GWQS = 5 ug/L



All | N = 51; ND = 51; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

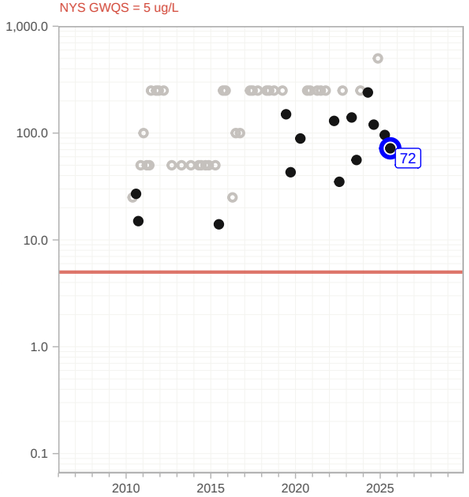
NYS GWQS = 5 ug/L



All | N = 51; ND = 45; %ND = 88.2; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 51; ND = 37; %ND = 72.5; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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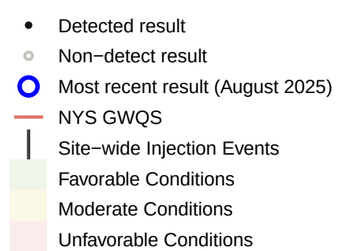
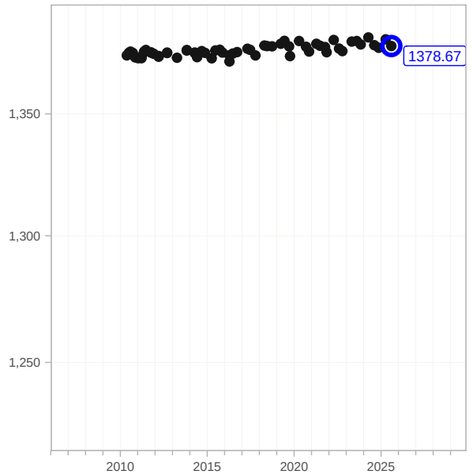
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



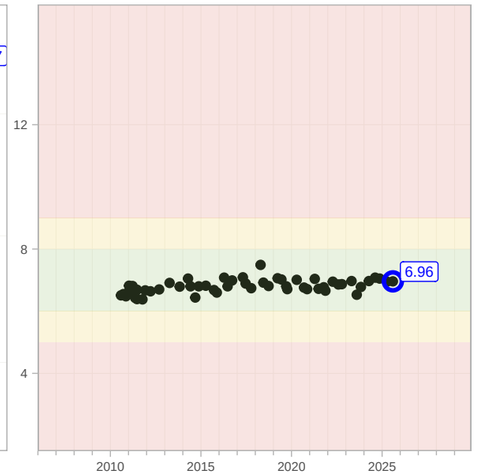
BP−6A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



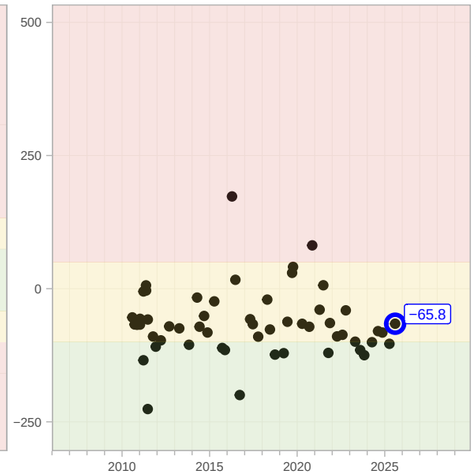
All | N = 64; ND = 0; %ND = 0; M−K = strong increasing

pH (SU)



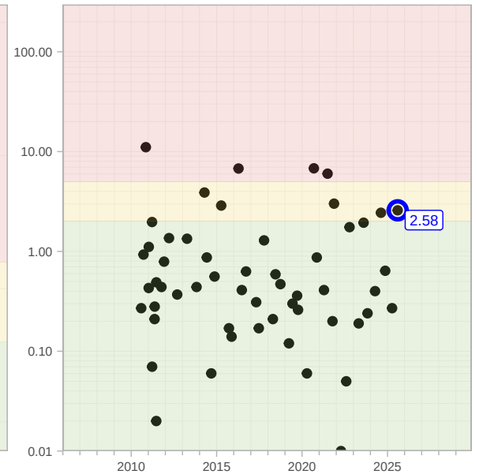
All | N = 55; ND = 0; %ND = 0; M−K = strong increasing

Oxidation/Reduction Potential (mV)



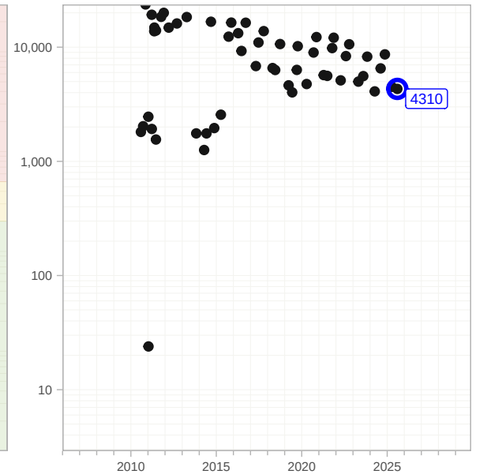
All | N = 55; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



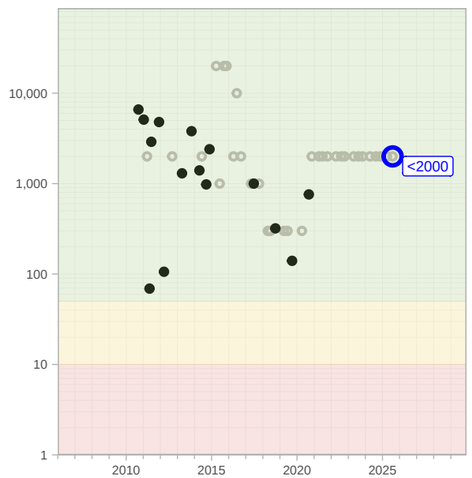
All | N = 55; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



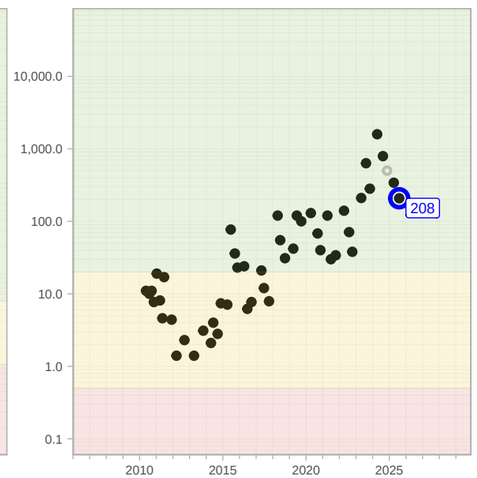
All | N = 55; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



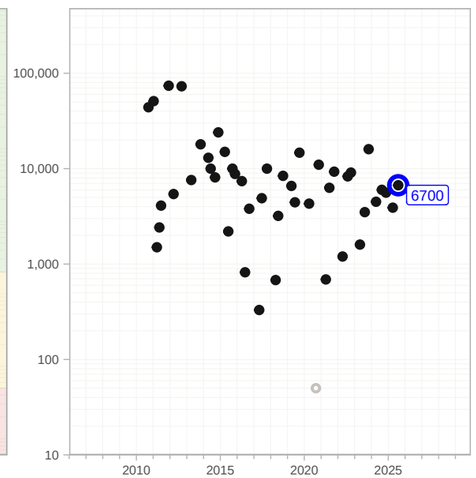
All | N = 47; ND = 32; %ND = 68.1; M−K = decreasing

Methane (ug/L)



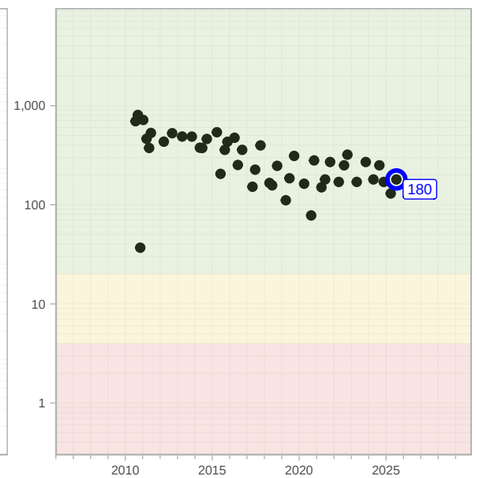
All | N = 50; ND = 1; %ND = 2; M−K = strong increasing

Iron − Ferrous (ug/L)



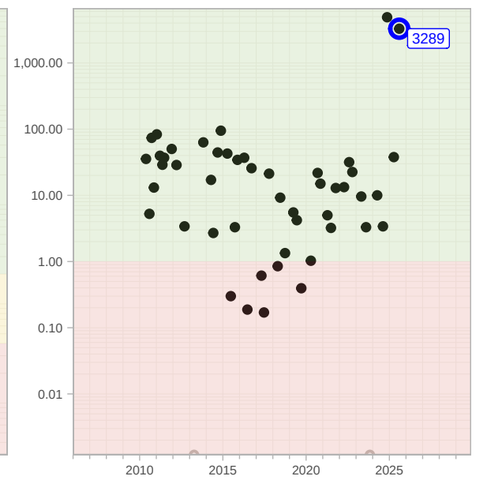
All | N = 47; ND = 1; %ND = 2.1; M−K = probably decreasing

Total Organic Carbon (mg/L)



All | N = 46; ND = 0; %ND = 0; M−K = strong decreasing

Total Volatile Fatty Acids (mg/L)



All | N = 50; ND = 2; %ND = 4; M−K = no trend

Notes:
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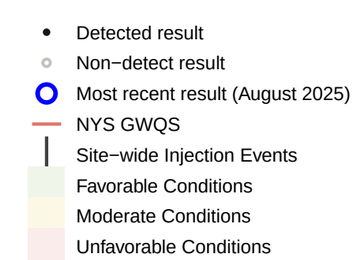
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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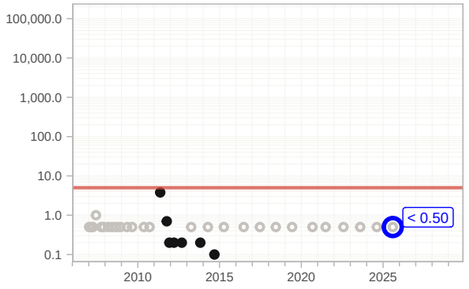
Trichloroethene (TCE) (ug/L)

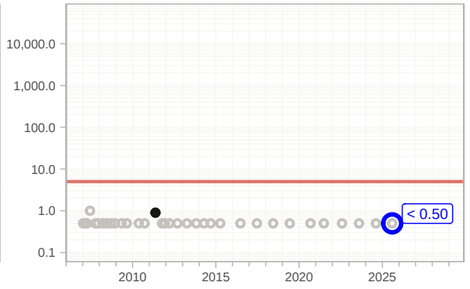
NYS GWQS = 5 ug/L



All | N = 34; ND = 27; %ND = 79.4; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

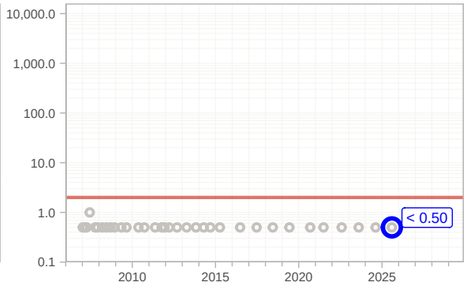
NYS GWQS = 5 ug/L



All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

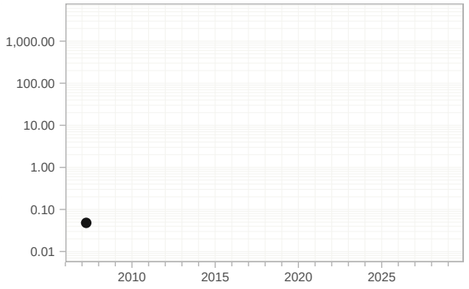
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



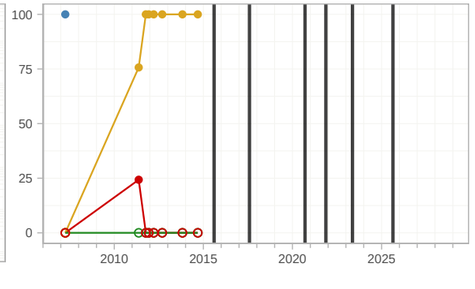
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



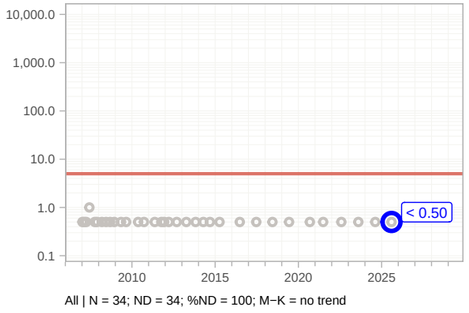
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

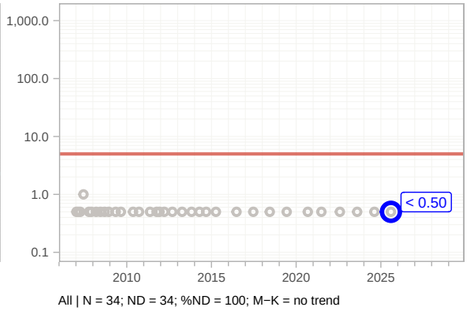
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

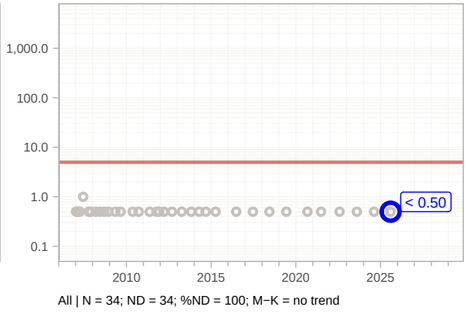
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

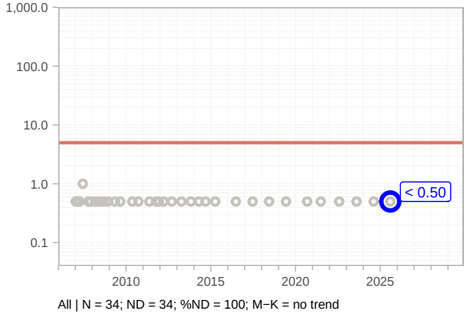
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

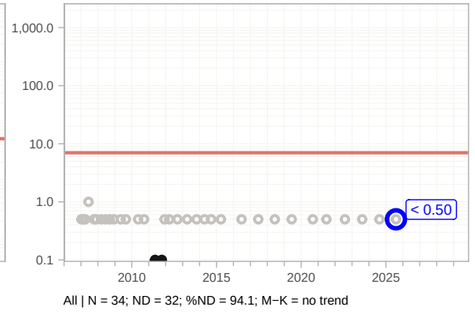
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

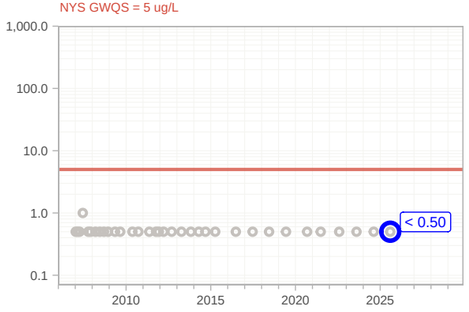
NYS GWQS = 7 ug/L



All | N = 34; ND = 32; %ND = 94.1; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

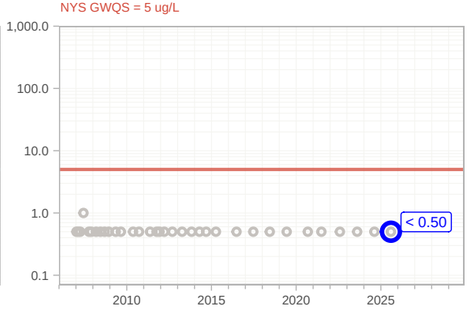
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Chloromethane (ug/L)

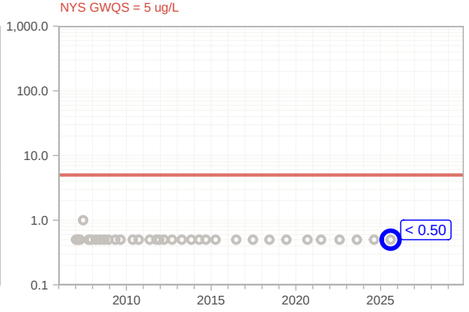
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

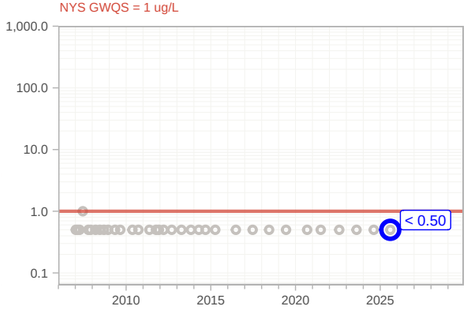
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

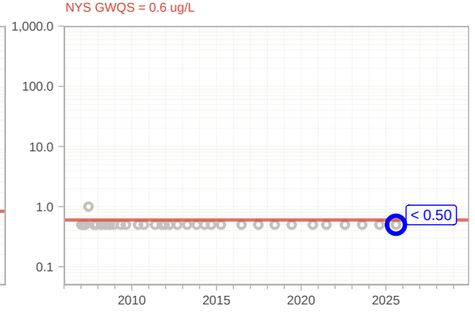
NYS GWQS = 1 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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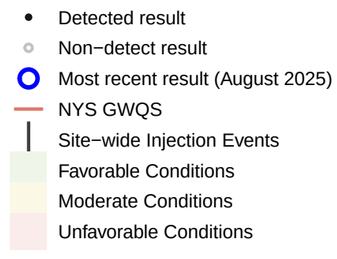
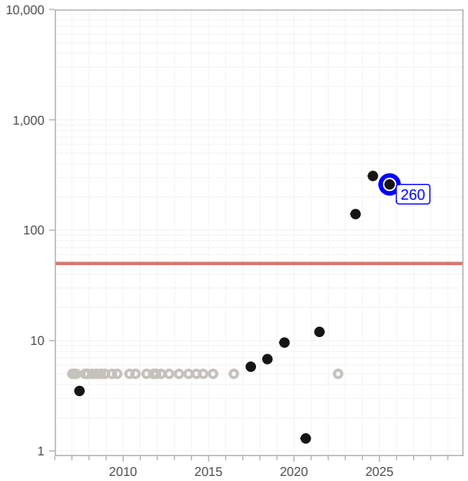


BP−7A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

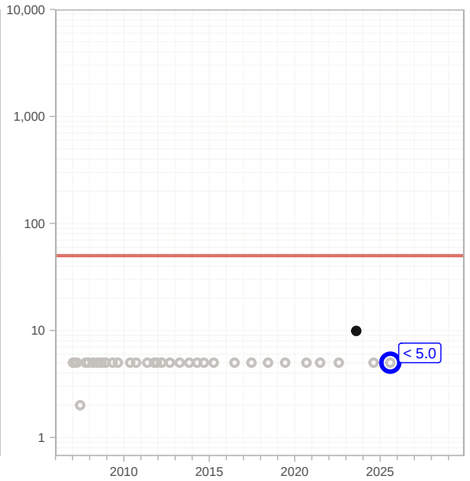
NYS GWQS = 50 ug/L



All | N = 34; ND = 25; %ND = 73.5; M−K = strong increasing

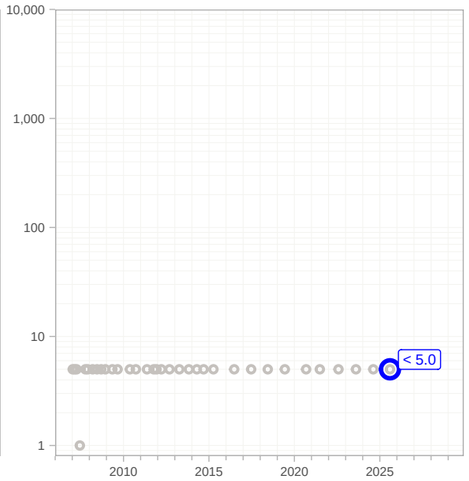
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

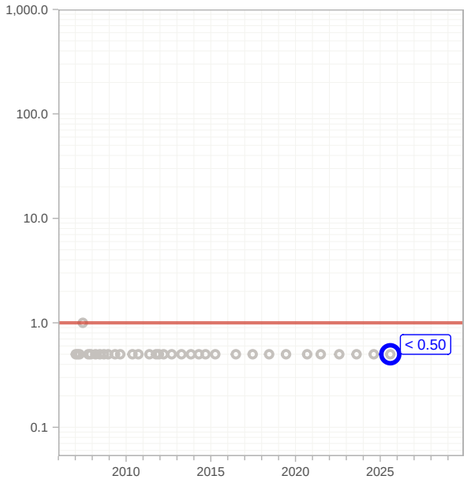
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Benzene (ug/L)

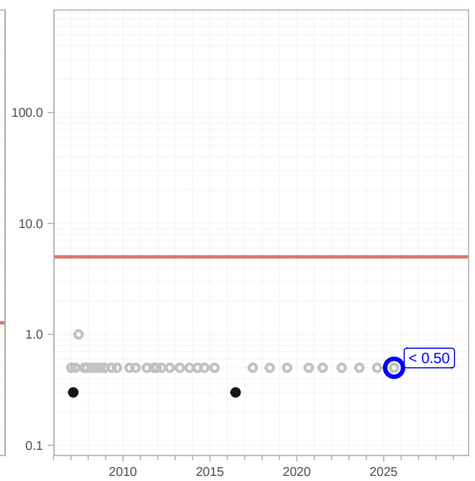
NYS GWQS = 1 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Toluene (ug/L)

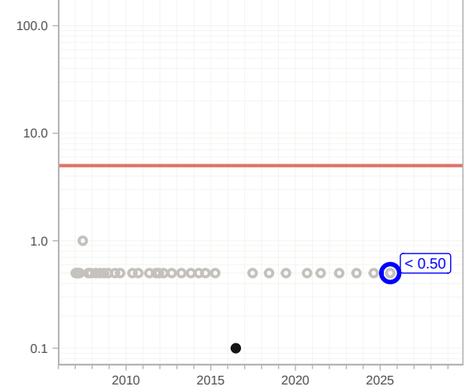
NYS GWQS = 5 ug/L



All | N = 34; ND = 32; %ND = 94.1; M−K = no trend

Ethylbenzene (ug/L)

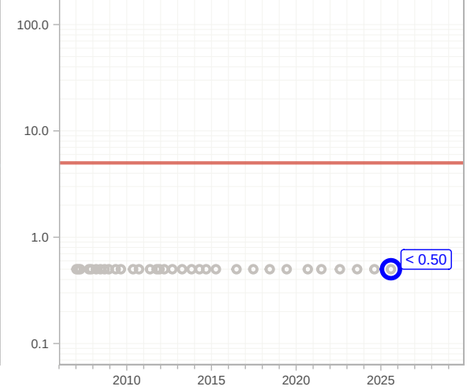
NYS GWQS = 5 ug/L



All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

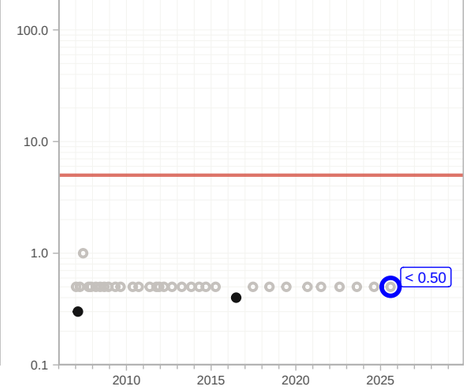
NYS GWQS = 5 ug/L



All | N = 33; ND = 33; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

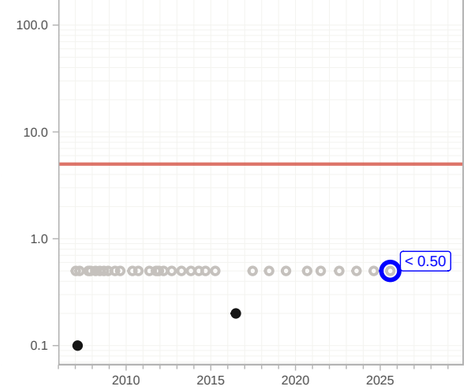
NYS GWQS = 5 ug/L



All | N = 34; ND = 32; %ND = 94.1; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 33; ND = 31; %ND = 93.9; M−K = no trend

Notes:
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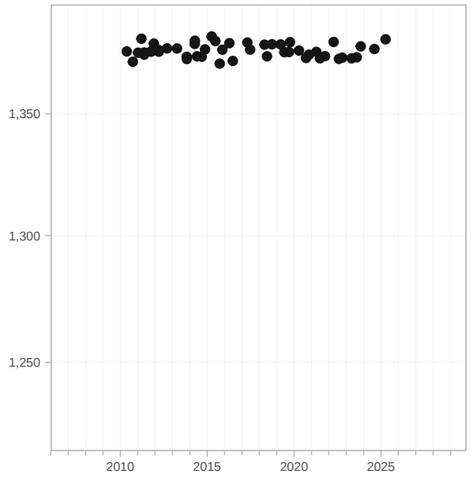
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

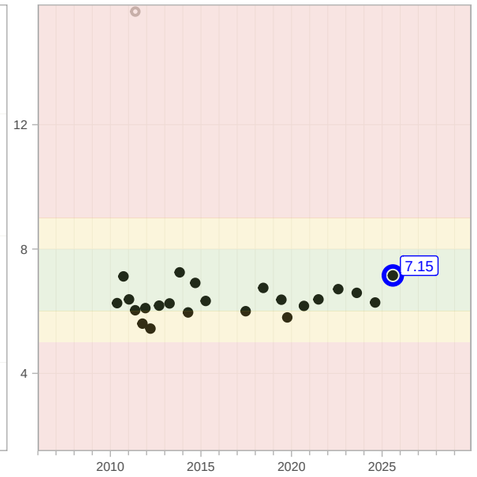
BP−7A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



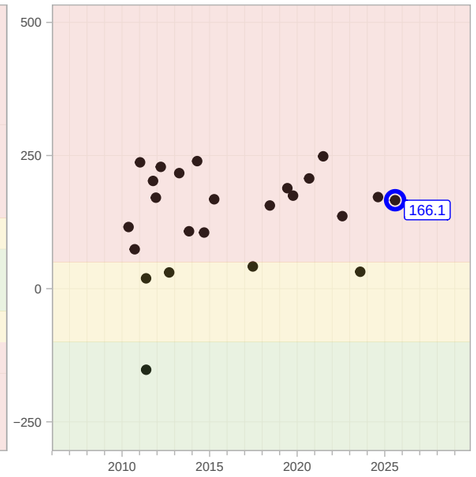
All | N = 49; ND = 0; %ND = 0; M−K = stable

pH (SU)



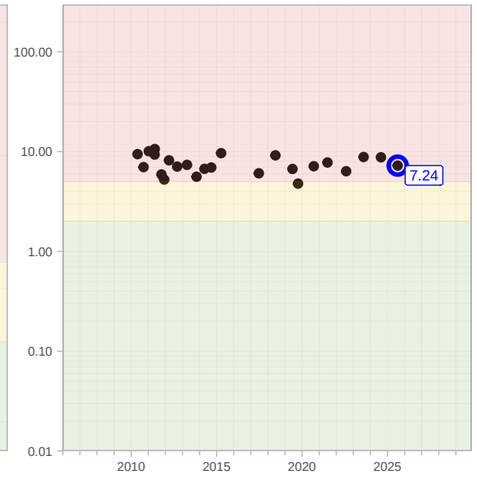
All | N = 24; ND = 1; %ND = 4.2; M−K = stable

Oxidation/Reduction Potential (mV)



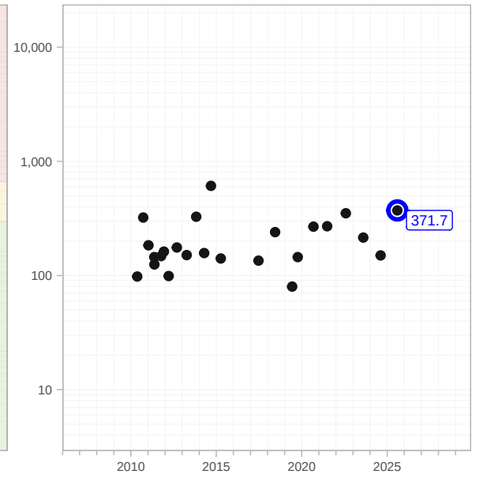
All | N = 24; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



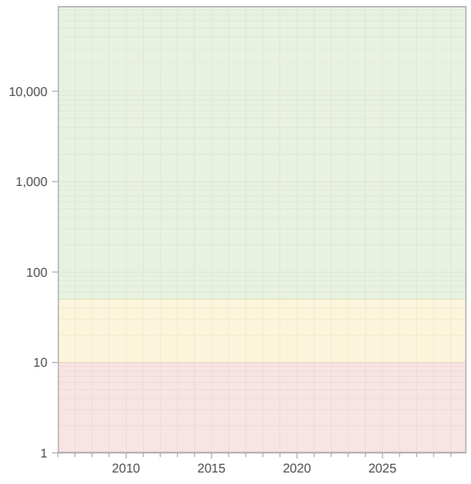
All | N = 24; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



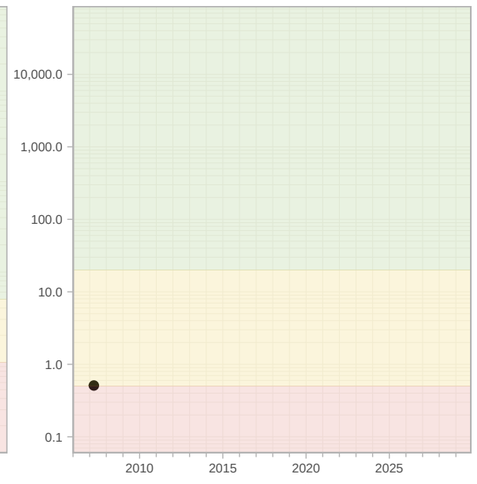
All | N = 24; ND = 0; %ND = 0; M−K = stable

Sulfide



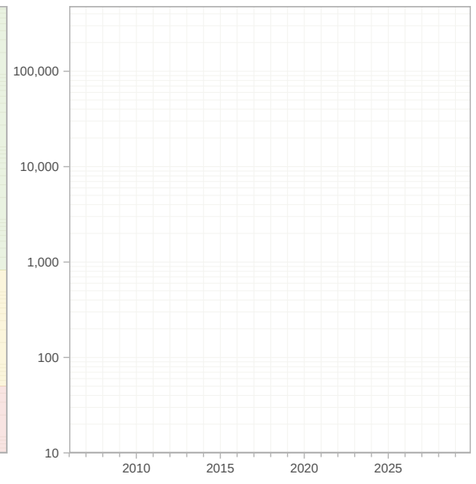
No Data

Methane (ug/L)



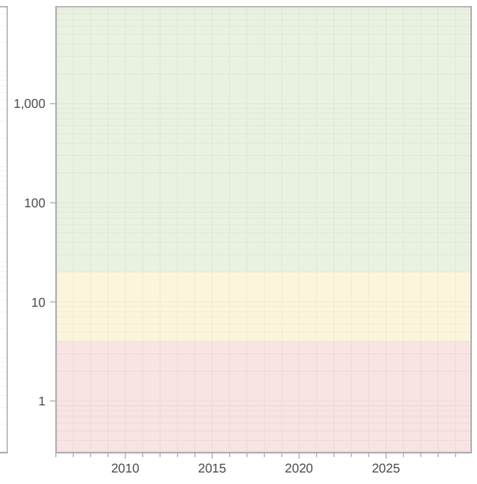
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



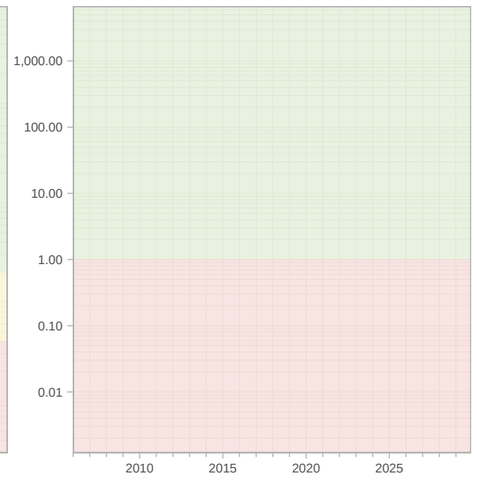
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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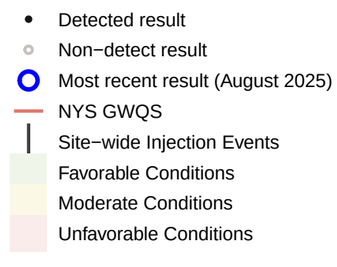
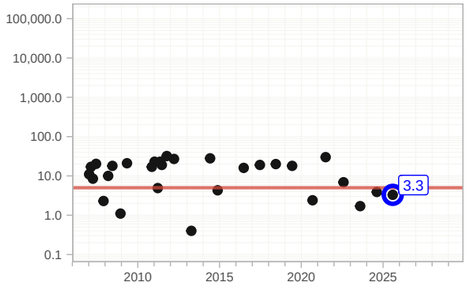
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−8A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

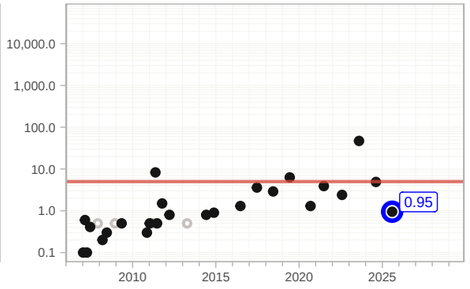
NYS GWQS = 5 ug/L



All | N = 29; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

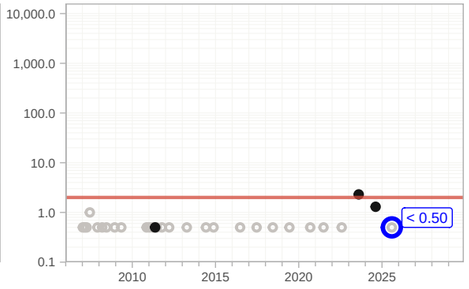
NYS GWQS = 5 ug/L



All | N = 29; ND = 4; %ND = 13.8; M−K = strong increasing

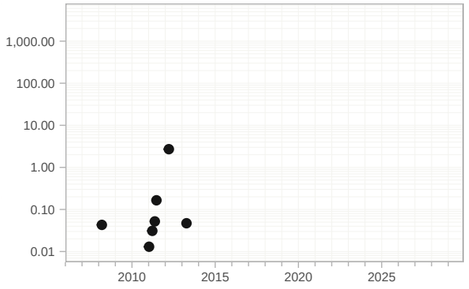
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



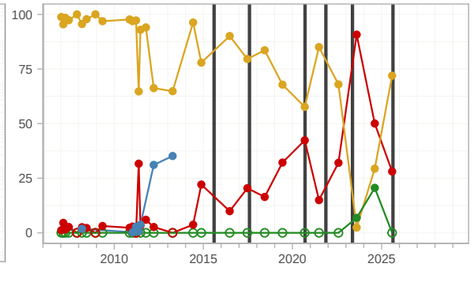
All | N = 29; ND = 26; %ND = 89.7; M−K = probably increasing

Ethane + Ethene (ug/L)



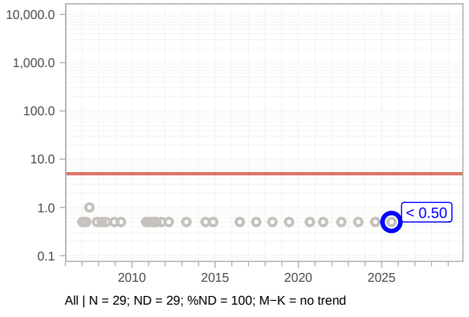
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

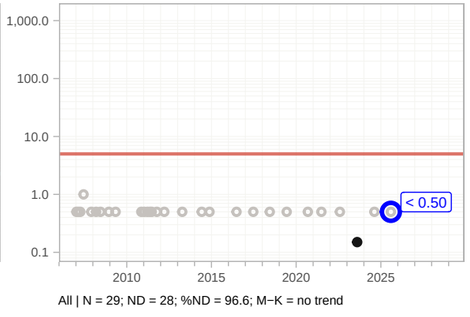
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

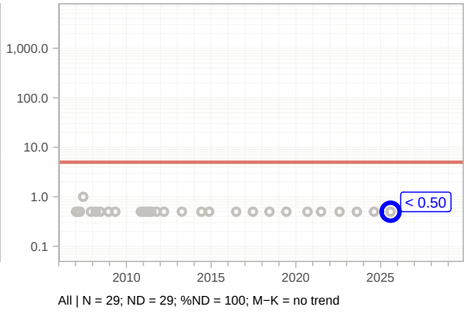
NYS GWQS = 5 ug/L



All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

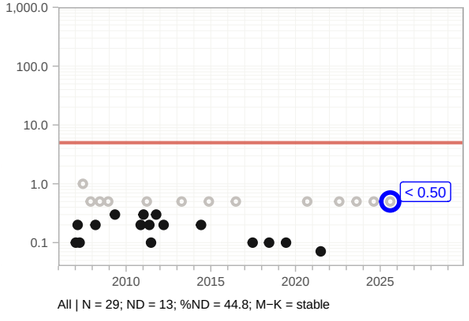
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

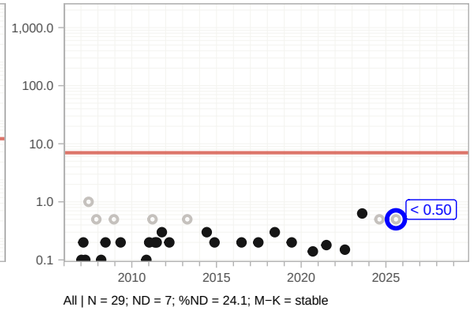
NYS GWQS = 5 ug/L



All | N = 29; ND = 13; %ND = 44.8; M−K = stable

Chloroform (Trichloromethane) (ug/L)

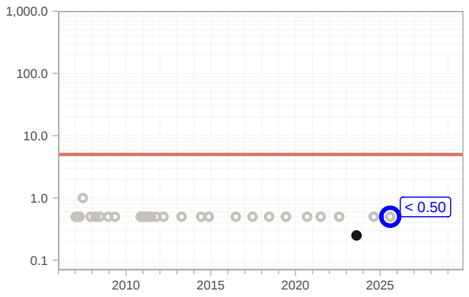
NYS GWQS = 7 ug/L



All | N = 29; ND = 7; %ND = 24.1; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

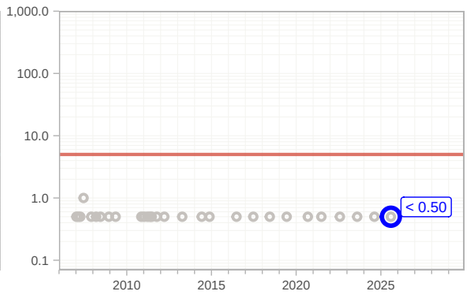
NYS GWQS = 5 ug/L



All | N = 29; ND = 28; %ND = 96.6; M−K = no trend

Chloromethane (ug/L)

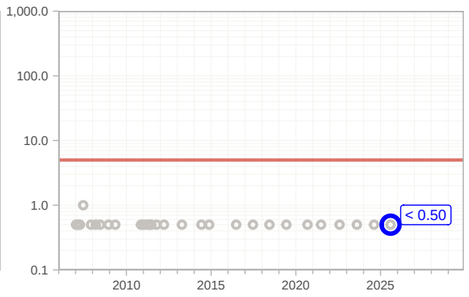
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

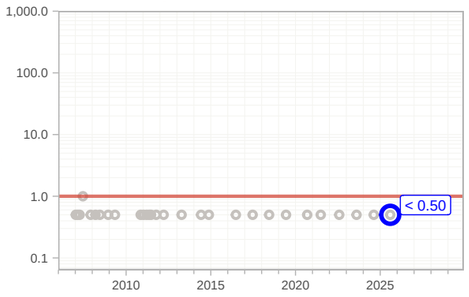
NYS GWQS = 5 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

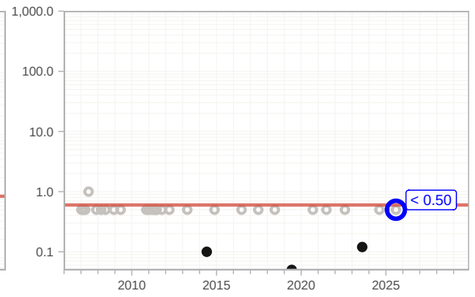
NYS GWQS = 1 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 29; ND = 26; %ND = 89.7; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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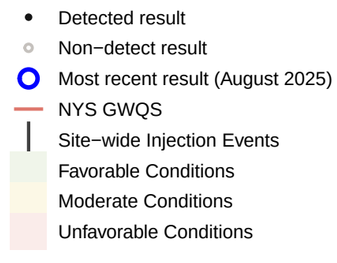
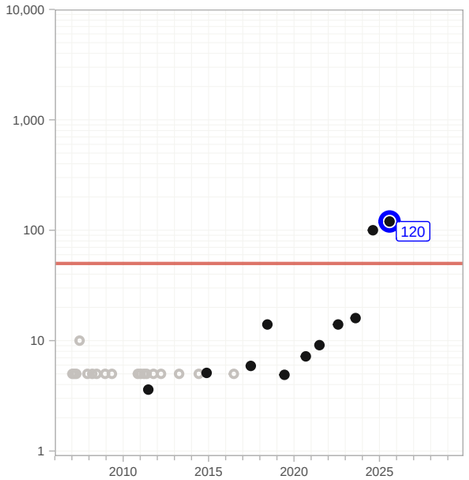
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−8A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

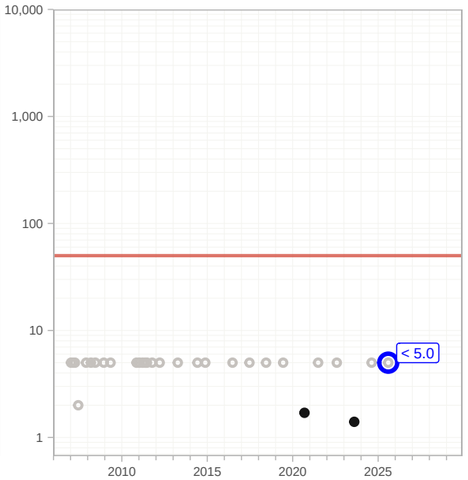
NYS GWQS = 50 ug/L



All | N = 29; ND = 18; %ND = 62.1; M−K = strong increasing

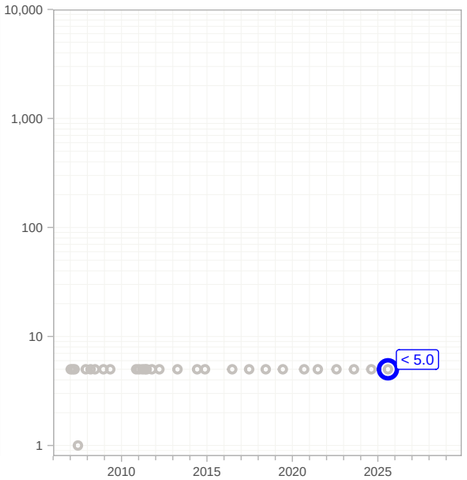
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 29; ND = 27; %ND = 93.1; M−K = no trend

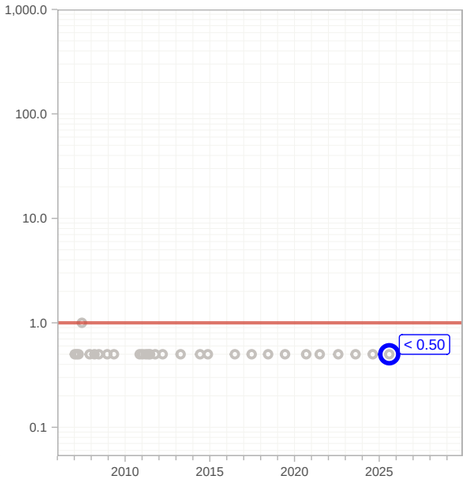
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Benzene (ug/L)

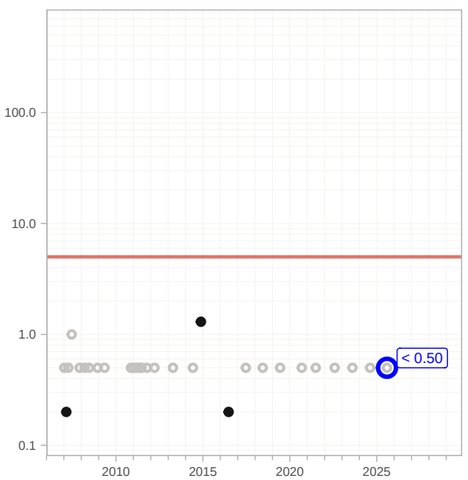
NYS GWQS = 1 ug/L



All | N = 29; ND = 29; %ND = 100; M−K = no trend

Toluene (ug/L)

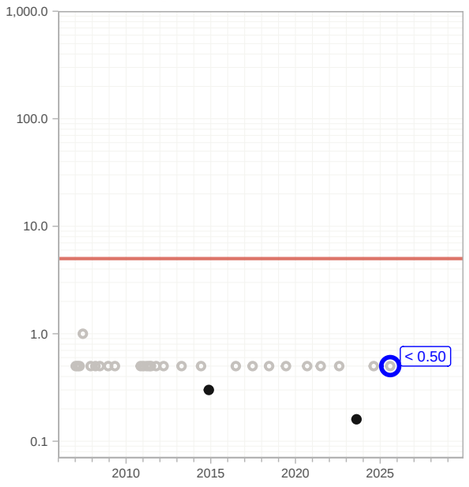
NYS GWQS = 5 ug/L



All | N = 29; ND = 26; %ND = 89.7; M−K = no trend

Ethylbenzene (ug/L)

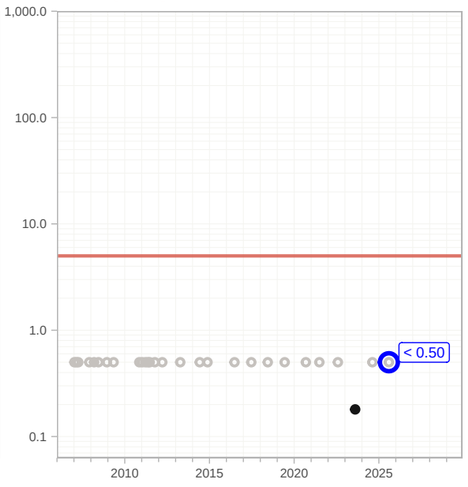
NYS GWQS = 5 ug/L



All | N = 29; ND = 27; %ND = 93.1; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

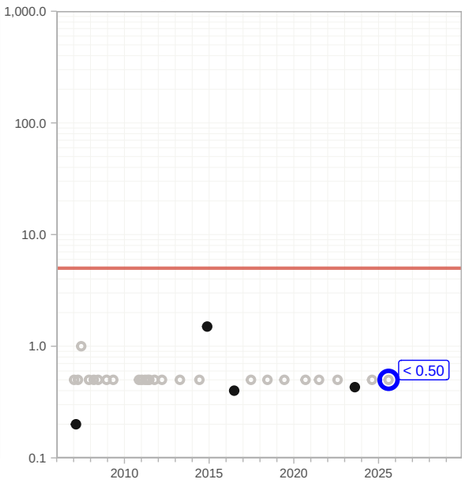
NYS GWQS = 5 ug/L



All | N = 28; ND = 27; %ND = 96.4; M−K = no trend

Xylene (m,p−) (ug/L)

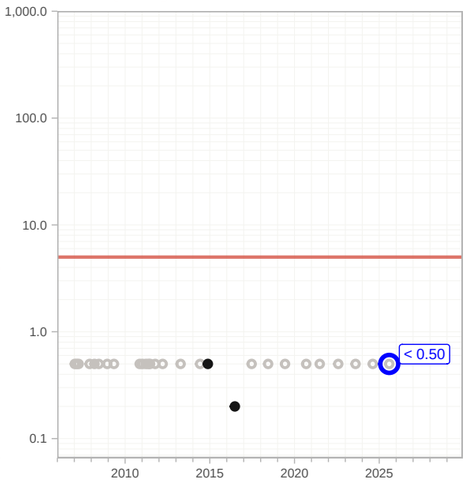
NYS GWQS = 5 ug/L



All | N = 29; ND = 25; %ND = 86.2; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 28; ND = 26; %ND = 92.9; M−K = no trend

Notes:
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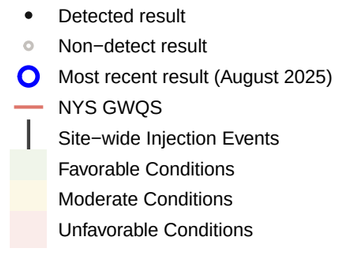
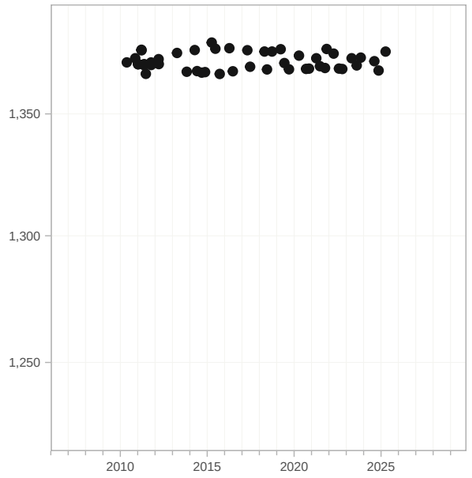


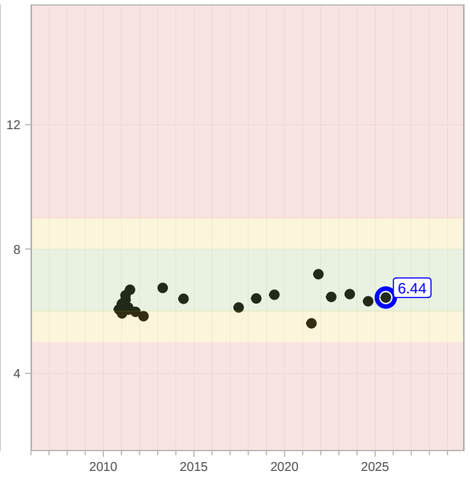
BP−8A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



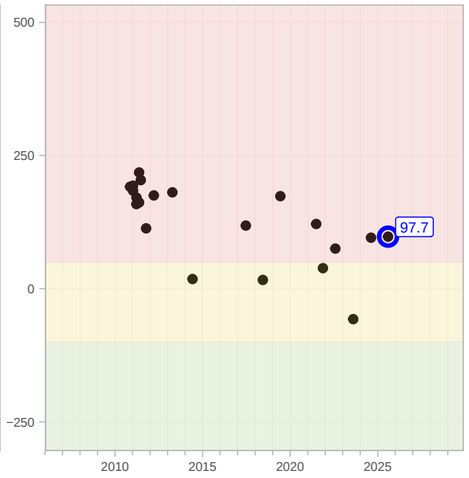
All | N = 48; ND = 0; %ND = 0; M−K = stable

pH (SU)



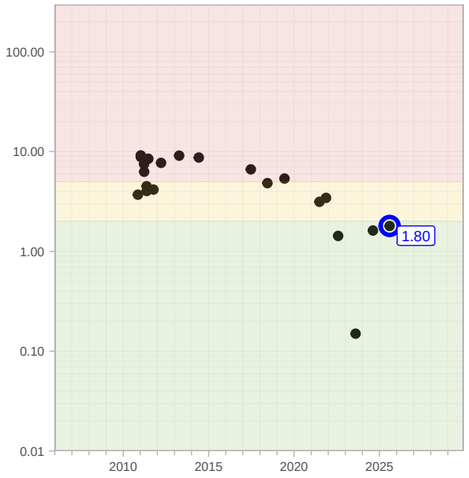
All | N = 21; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



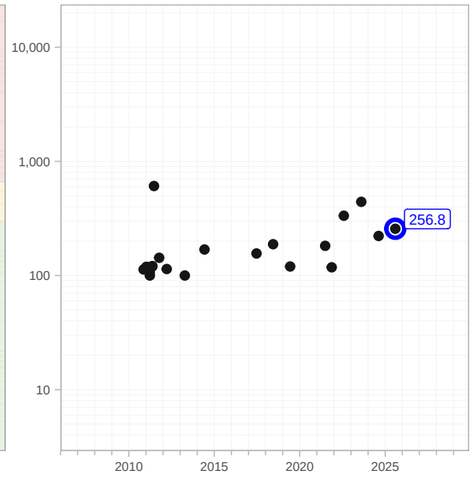
All | N = 21; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



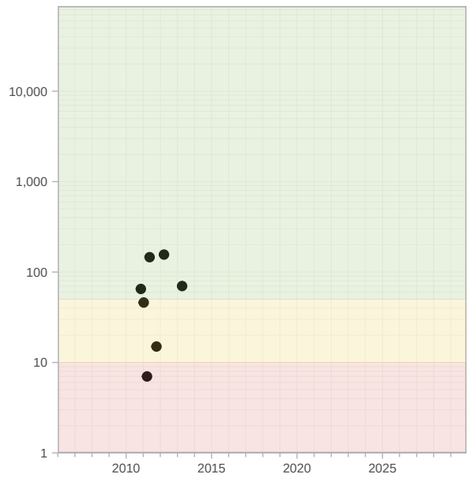
All | N = 21; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)



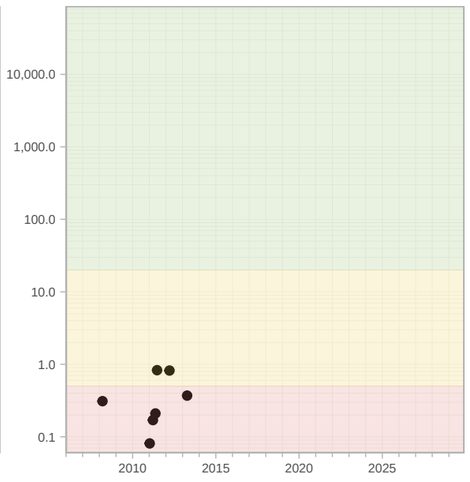
All | N = 21; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



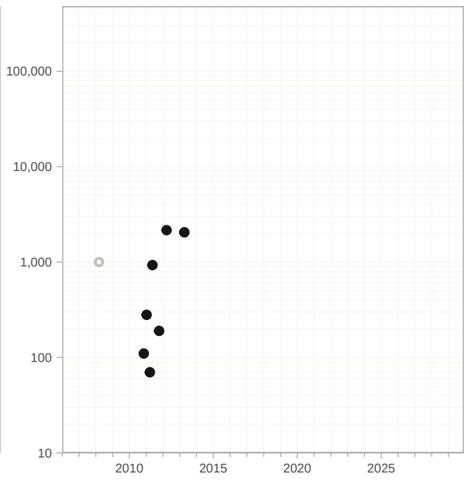
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Methane (ug/L)



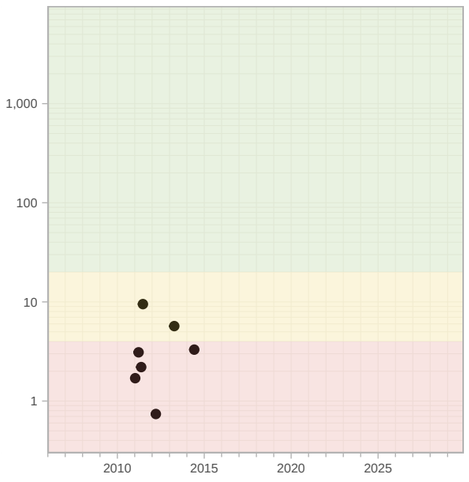
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Iron − Ferrous (ug/L)



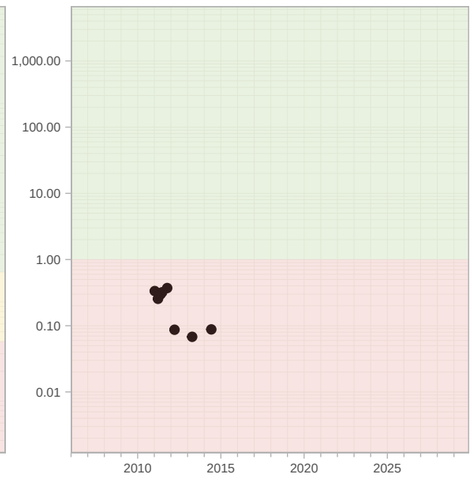
All | N = 8; ND = 1; %ND = 12.5; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 7; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 8; ND = 0; %ND = 0; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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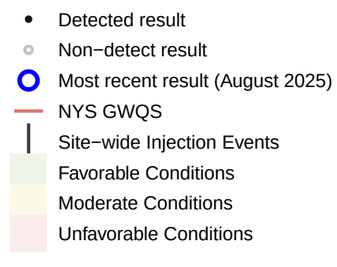
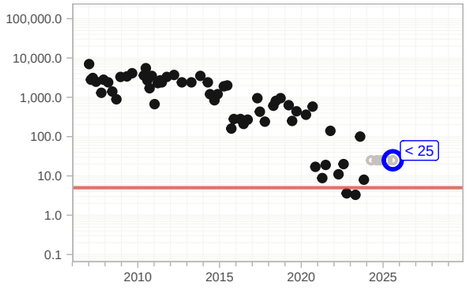
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−9A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

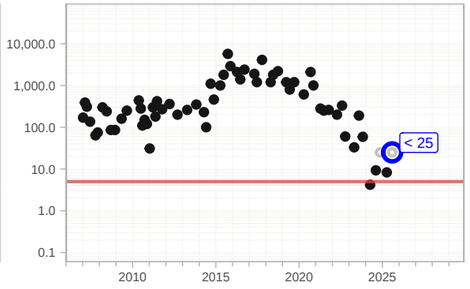
NYS GWQS = 5 ug/L



All | N = 63; ND = 5; %ND = 7.9; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

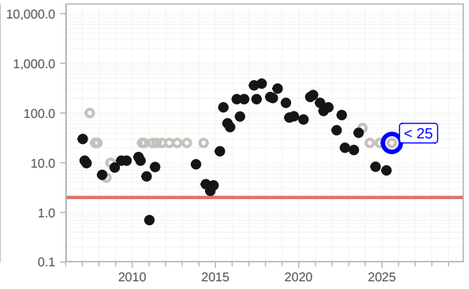
NYS GWQS = 5 ug/L



All | N = 63; ND = 2; %ND = 3.2; M−K = no trend

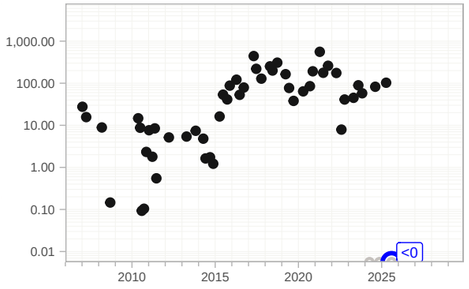
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



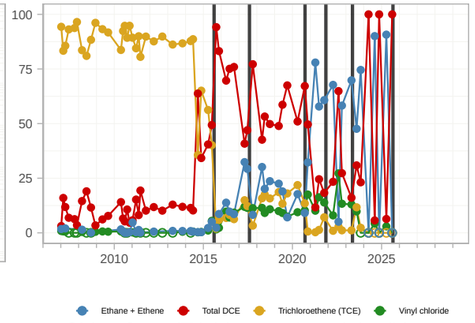
All | N = 63; ND = 18; %ND = 28.6; M−K = strong increasing

Ethane + Ethene (ug/L)



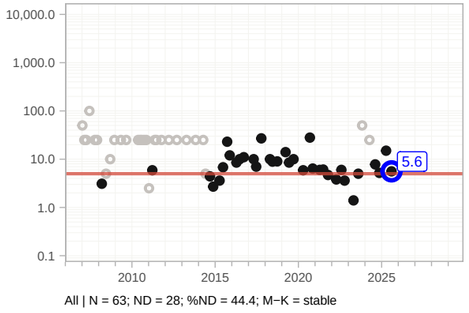
All | N = 53; ND = 3; %ND = 5.7; M−K = strong increasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

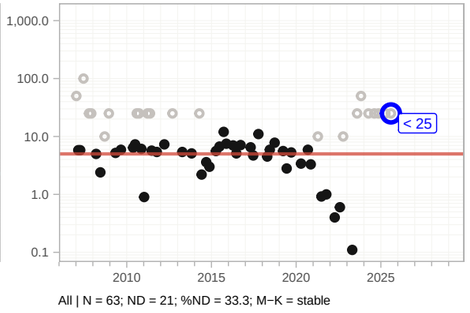
NYS GWQS = 5 ug/L



All | N = 63; ND = 28; %ND = 44.4; M−K = stable

Dichloroethene (1,1−) (ug/L)

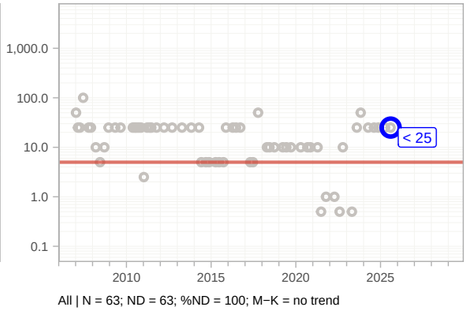
NYS GWQS = 5 ug/L



All | N = 63; ND = 21; %ND = 33.3; M−K = stable

Tetrachloroethene (PCE) (ug/L)

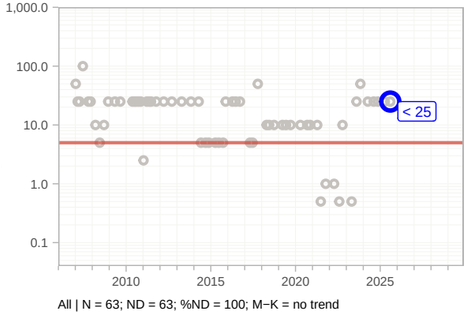
NYS GWQS = 5 ug/L



All | N = 63; ND = 63; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

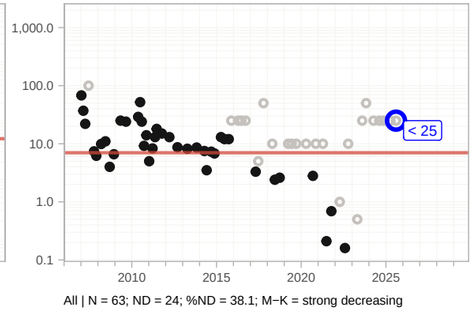
NYS GWQS = 5 ug/L



All | N = 63; ND = 63; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

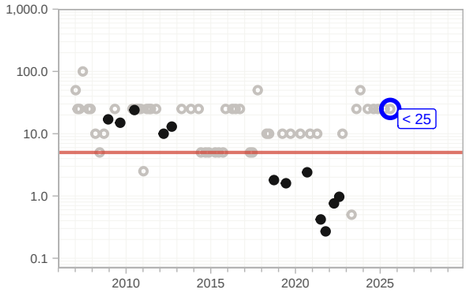
NYS GWQS = 7 ug/L



All | N = 63; ND = 24; %ND = 38.1; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

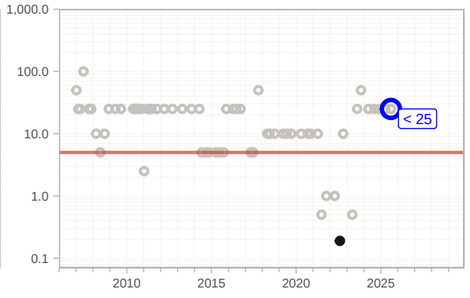
NYS GWQS = 5 ug/L



All | N = 63; ND = 51; %ND = 81; M−K = no trend

Chloromethane (ug/L)

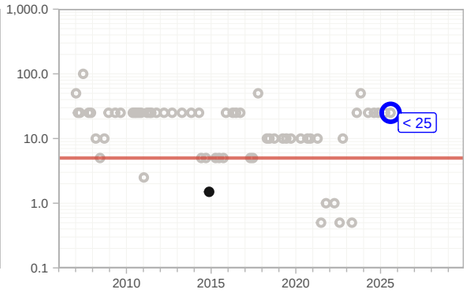
NYS GWQS = 5 ug/L



All | N = 63; ND = 62; %ND = 98.4; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

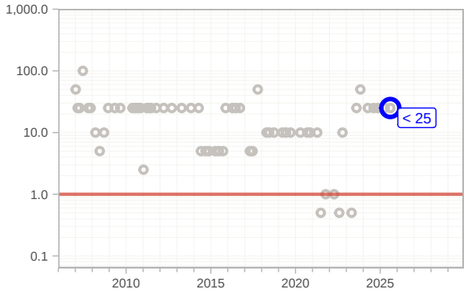
NYS GWQS = 5 ug/L



All | N = 63; ND = 62; %ND = 98.4; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

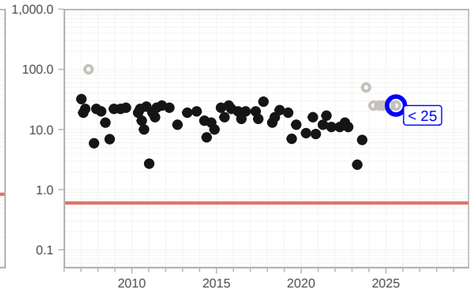
NYS GWQS = 1 ug/L



All | N = 63; ND = 63; %ND = 100; M−K = no trend

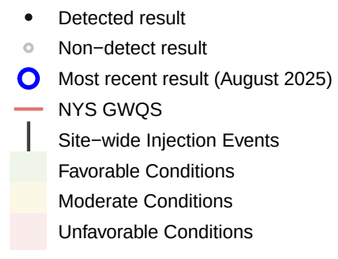
Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 63; ND = 7; %ND = 11.1; M−K = strong decreasing

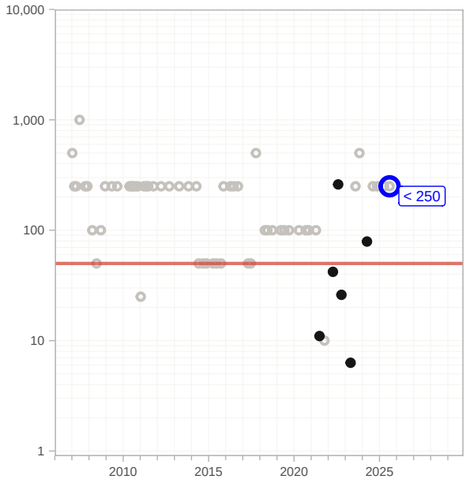
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−9A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

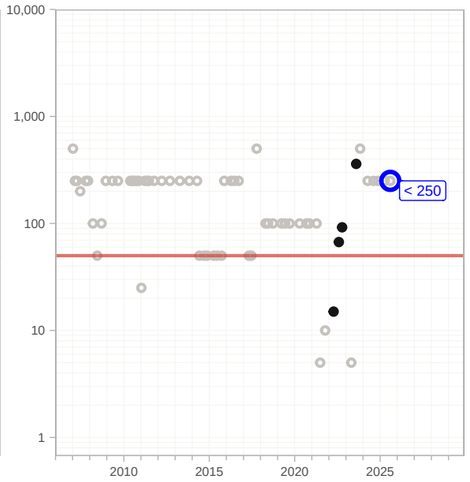
NYS GWQS = 50 ug/L



All | N = 63; ND = 57; %ND = 90.5; M−K = no trend

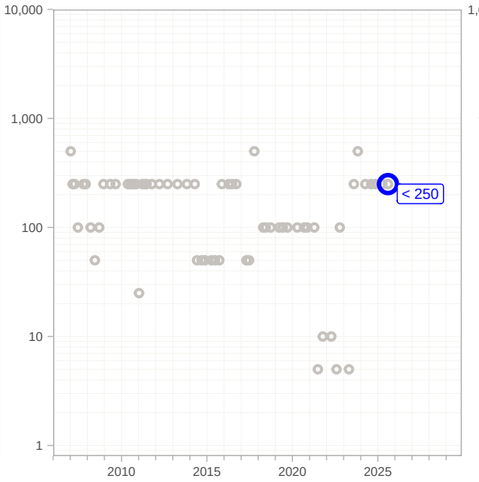
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 63; ND = 59; %ND = 93.7; M−K = no trend

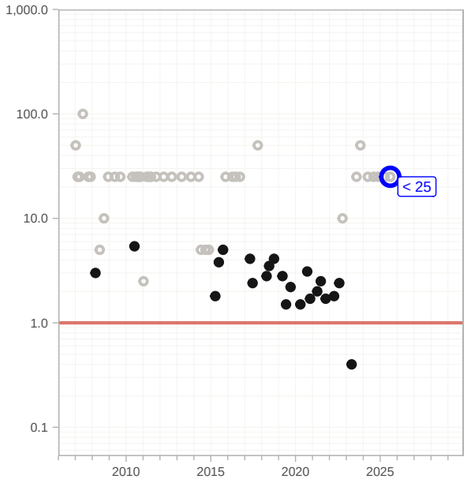
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 63; ND = 63; %ND = 100; M−K = no trend

Benzene (ug/L)

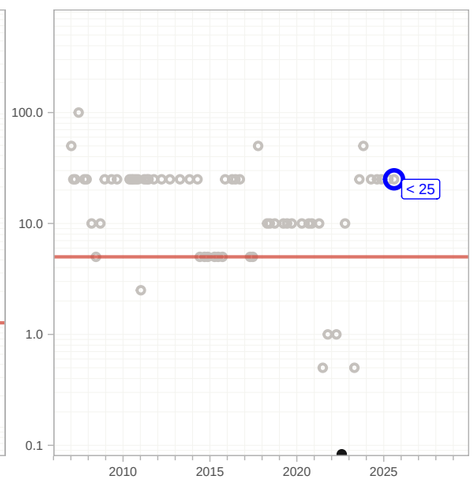
NYS GWQS = 1 ug/L



All | N = 63; ND = 41; %ND = 65.1; M−K = stable

Toluene (ug/L)

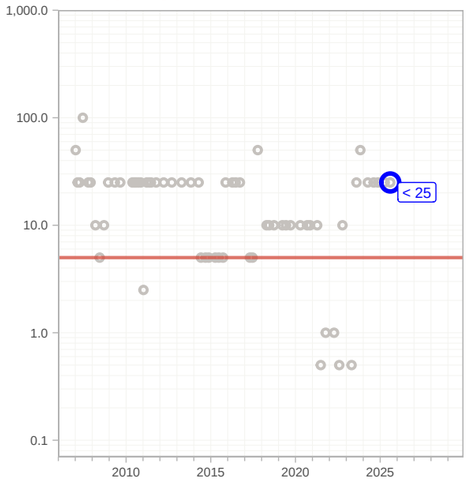
NYS GWQS = 5 ug/L



All | N = 63; ND = 62; %ND = 98.4; M−K = no trend

Ethylbenzene (ug/L)

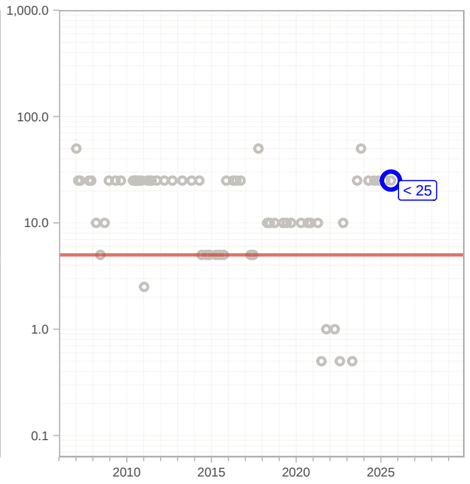
NYS GWQS = 5 ug/L



All | N = 63; ND = 63; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

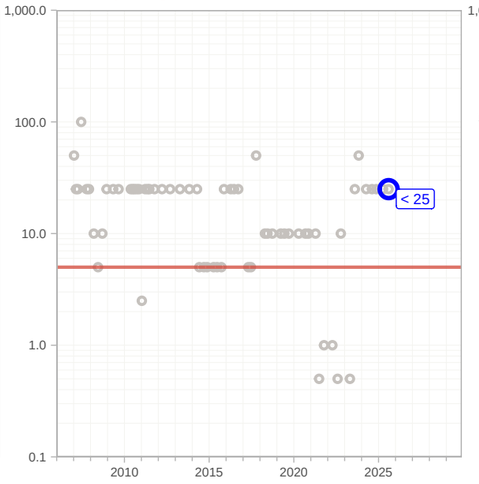
NYS GWQS = 5 ug/L



All | N = 62; ND = 62; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

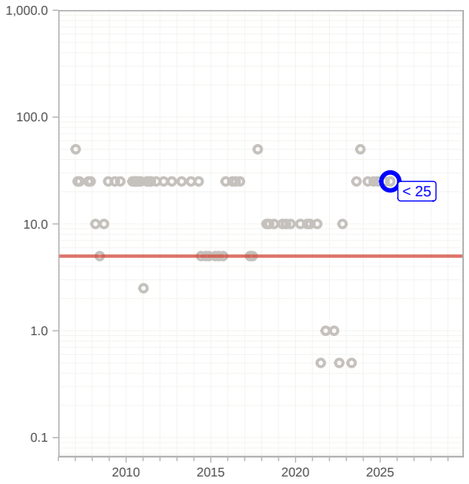
NYS GWQS = 5 ug/L



All | N = 63; ND = 63; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 62; ND = 62; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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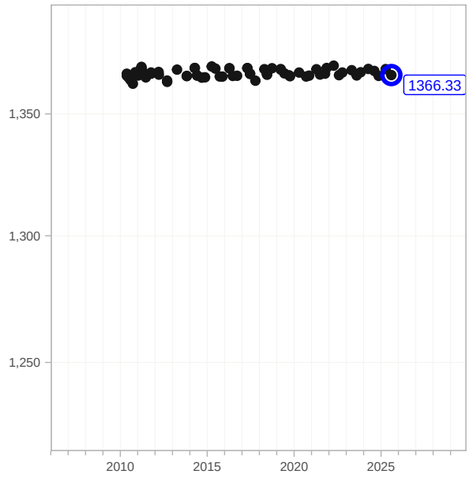
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

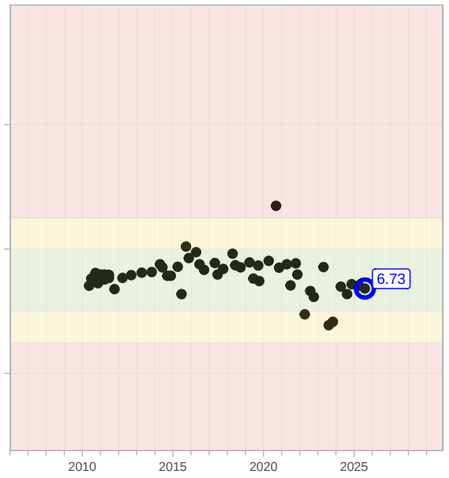
BP−9A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



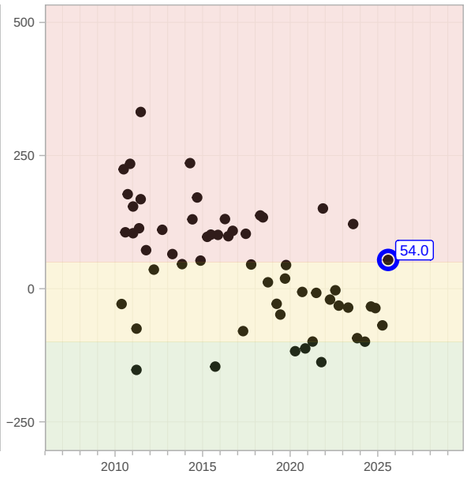
All | N = 68; ND = 0; %ND = 0; M−K = probably increasing

pH (SU)



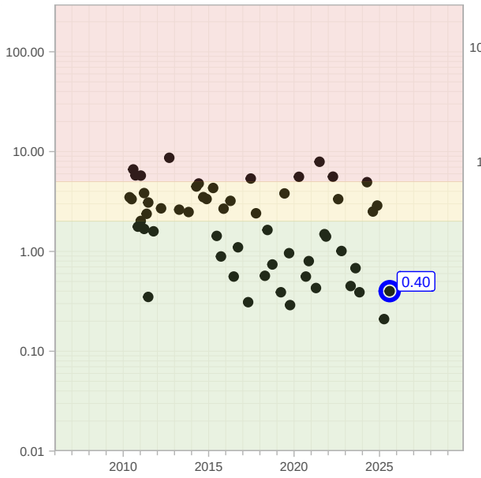
All | N = 56; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



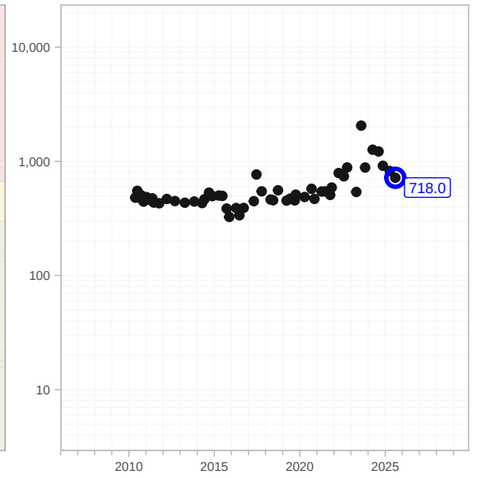
All | N = 56; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



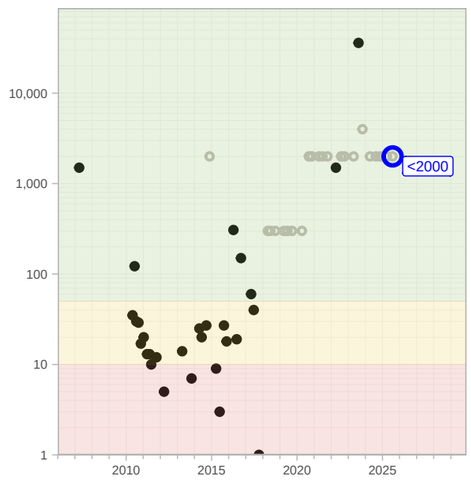
All | N = 56; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)



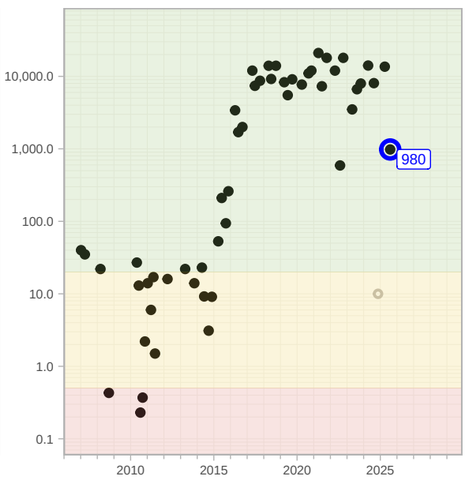
All | N = 56; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



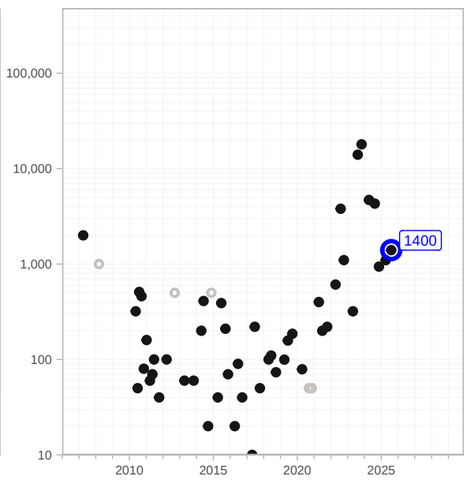
All | N = 51; ND = 22; %ND = 43.1; M−K = no trend

Methane (ug/L)



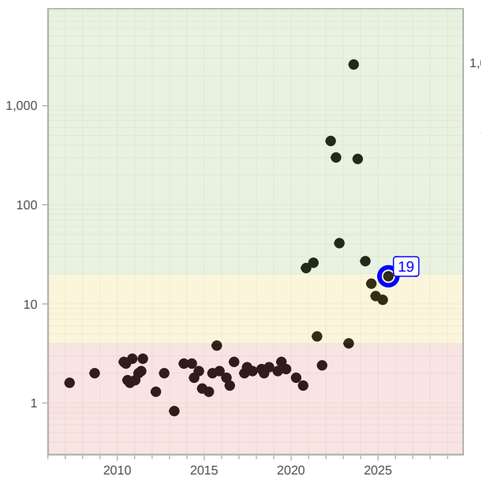
All | N = 53; ND = 1; %ND = 1.9; M−K = strong increasing

Iron − Ferrous (ug/L)



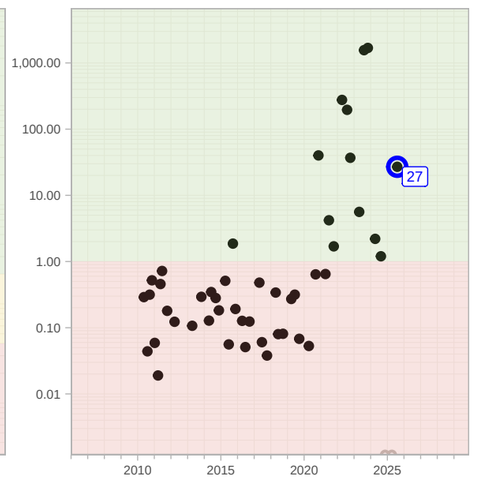
All | N = 53; ND = 5; %ND = 9.4; M−K = strong increasing

Total Organic Carbon (mg/L)



All | N = 52; ND = 0; %ND = 0; M−K = strong increasing

Total Volatile Fatty Acids (mg/L)



All | N = 49; ND = 2; %ND = 4.1; M−K = strong increasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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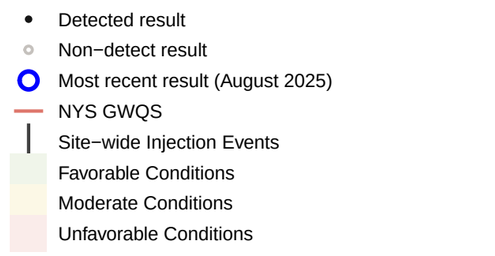
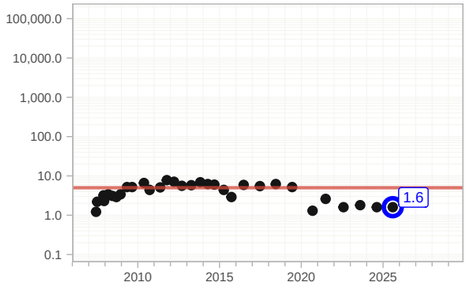
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



GC−2A (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

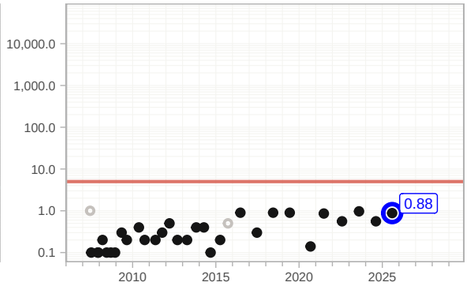
NYS GWQS = 5 ug/L



All | N = 32; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

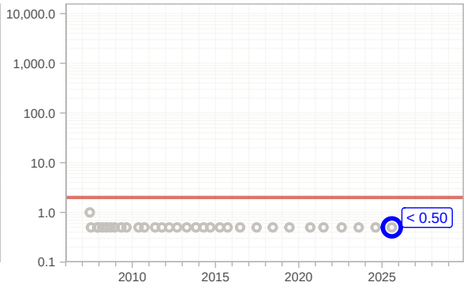
NYS GWQS = 5 ug/L



All | N = 32; ND = 2; %ND = 6.2; M−K = strong increasing

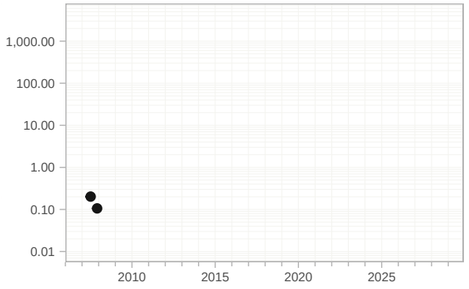
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



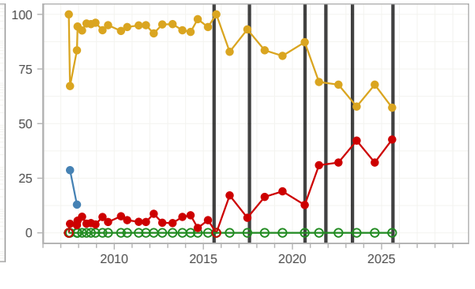
All | N = 32; ND = 32; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



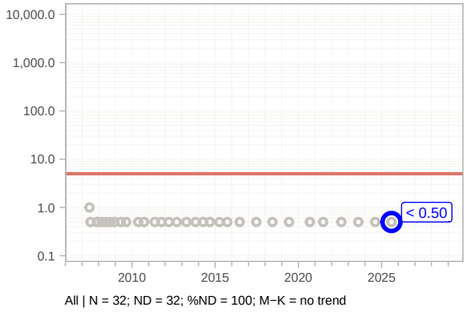
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

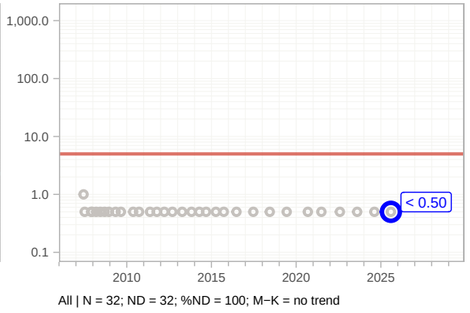
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

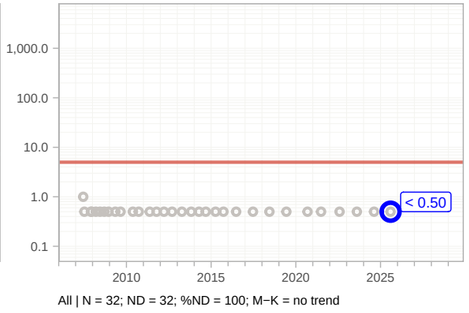
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

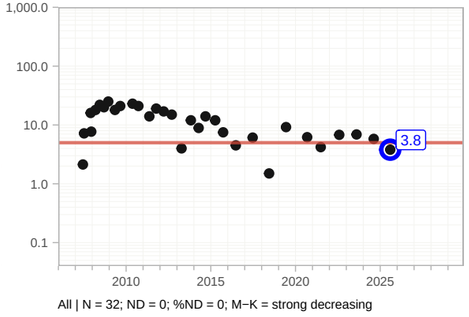
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

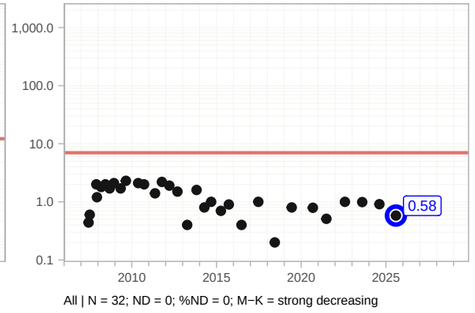
NYS GWQS = 5 ug/L



All | N = 32; ND = 0; %ND = 0; M−K = strong decreasing

Chloroform (Trichloromethane) (ug/L)

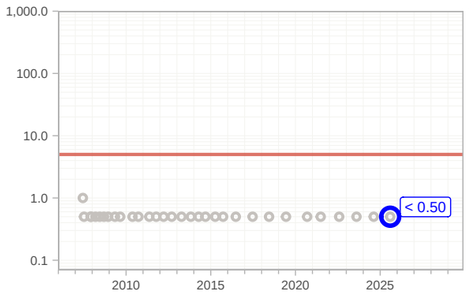
NYS GWQS = 7 ug/L



All | N = 32; ND = 0; %ND = 0; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

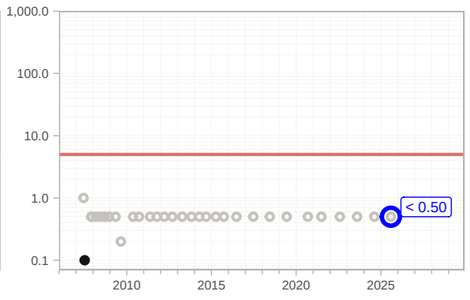
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Chloromethane (ug/L)

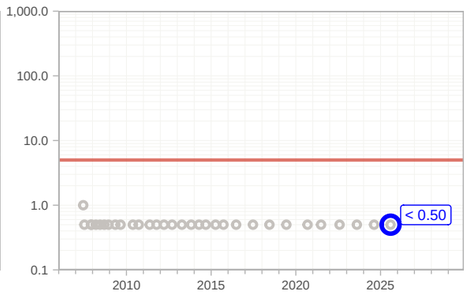
NYS GWQS = 5 ug/L



All | N = 32; ND = 31; %ND = 96.9; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

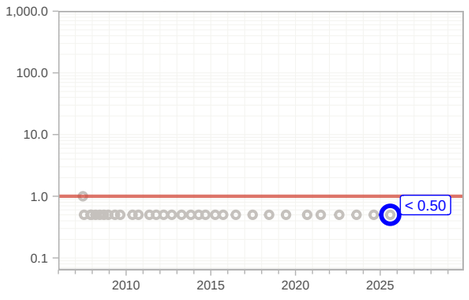
NYS GWQS = 5 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

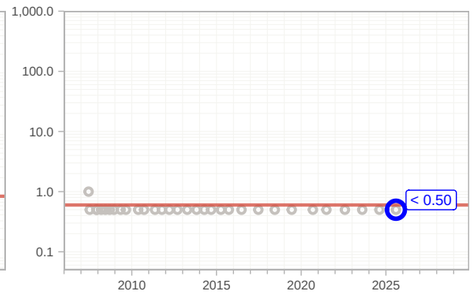
NYS GWQS = 1 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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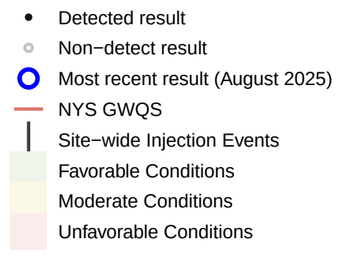
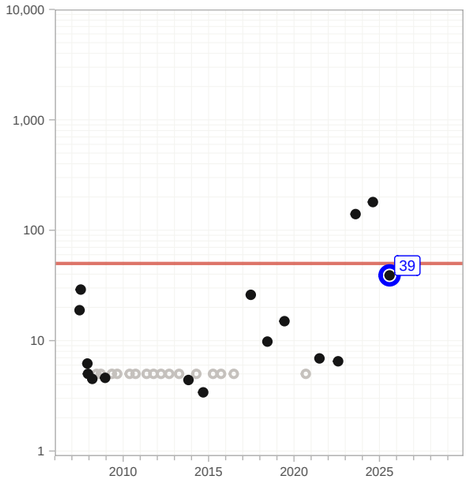


GC−2A (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

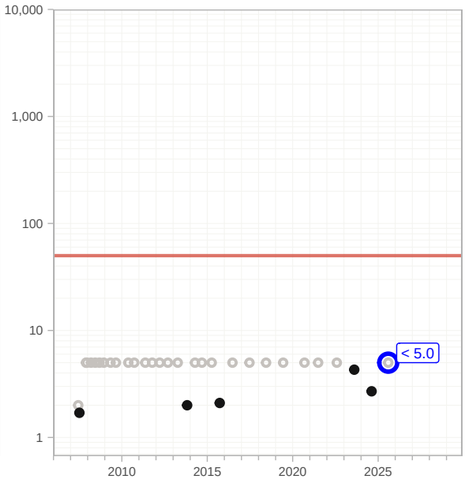
NYS GWQS = 50 ug/L



All | N = 32; ND = 16; %ND = 50; M−K = no trend

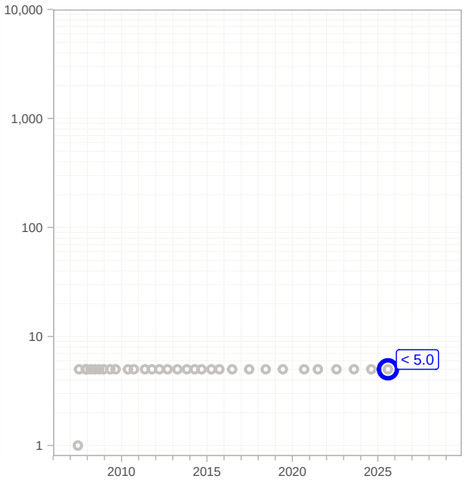
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 32; ND = 27; %ND = 84.4; M−K = stable

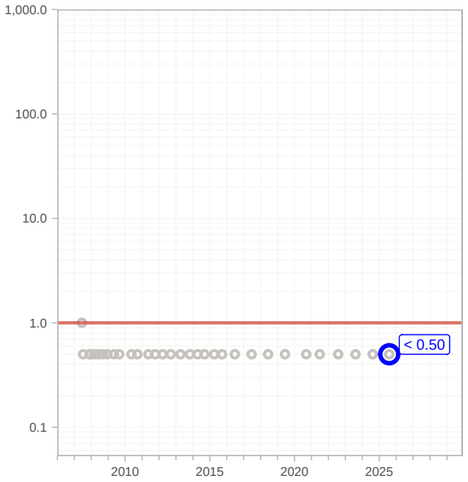
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Benzene (ug/L)

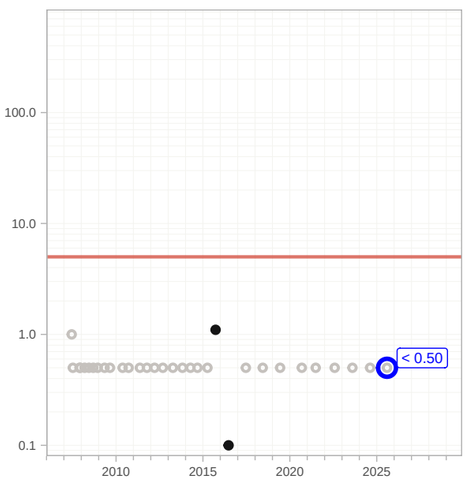
NYS GWQS = 1 ug/L



All | N = 32; ND = 32; %ND = 100; M−K = no trend

Toluene (ug/L)

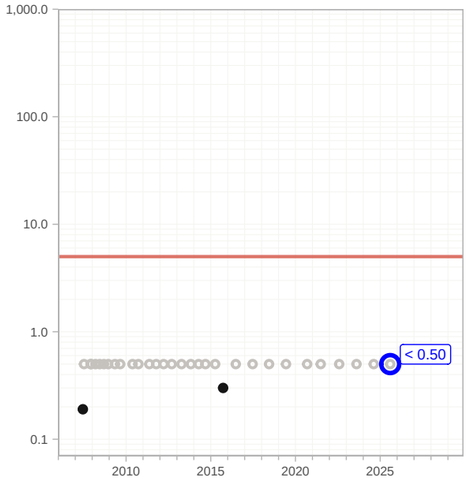
NYS GWQS = 5 ug/L



All | N = 32; ND = 30; %ND = 93.8; M−K = no trend

Ethylbenzene (ug/L)

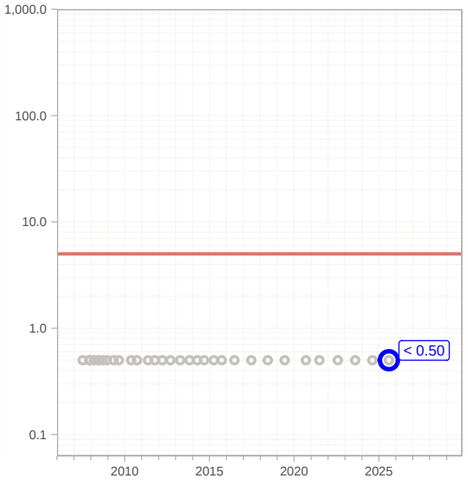
NYS GWQS = 5 ug/L



All | N = 32; ND = 30; %ND = 93.8; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

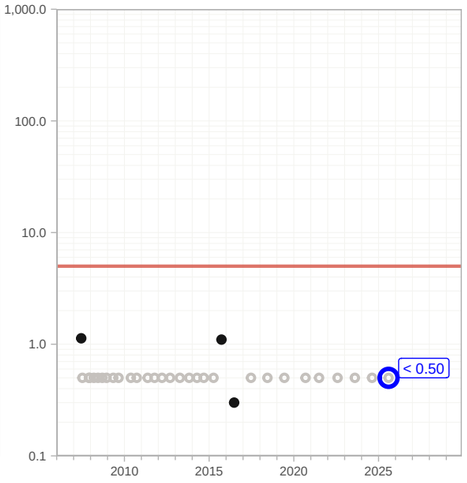
NYS GWQS = 5 ug/L



All | N = 31; ND = 31; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

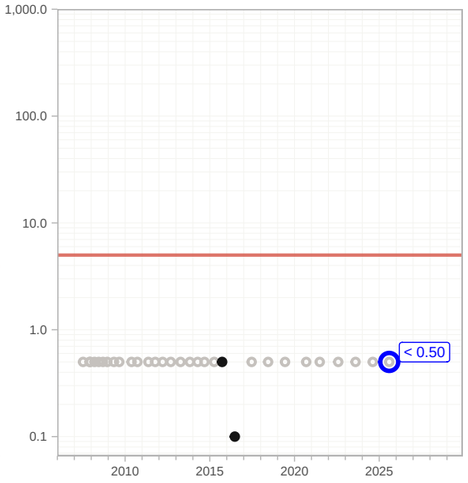
NYS GWQS = 5 ug/L



All | N = 32; ND = 29; %ND = 90.6; M−K = no trend

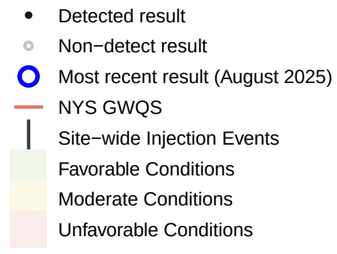
Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



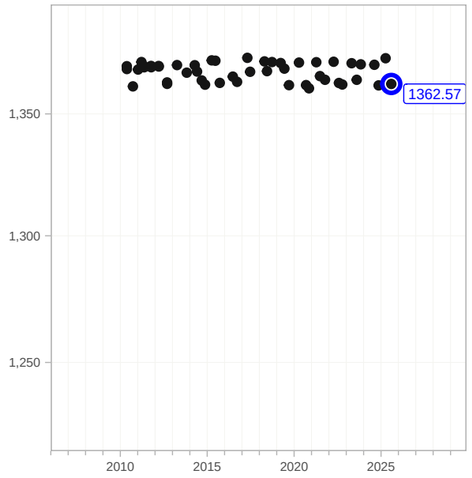
All | N = 31; ND = 29; %ND = 93.5; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



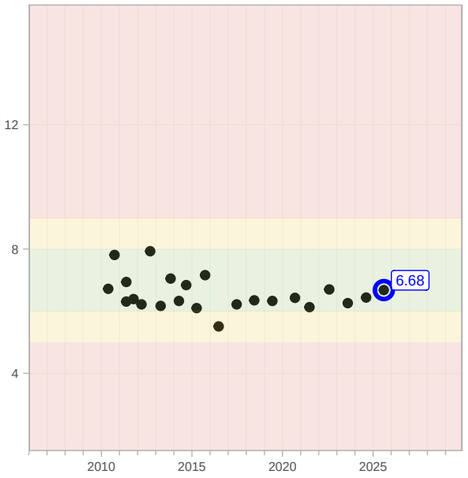
GC−2A (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



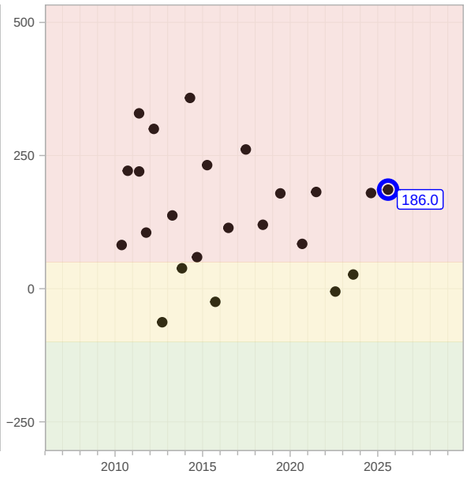
All | N = 48; ND = 0; %ND = 0; M−K = stable

pH (SU)



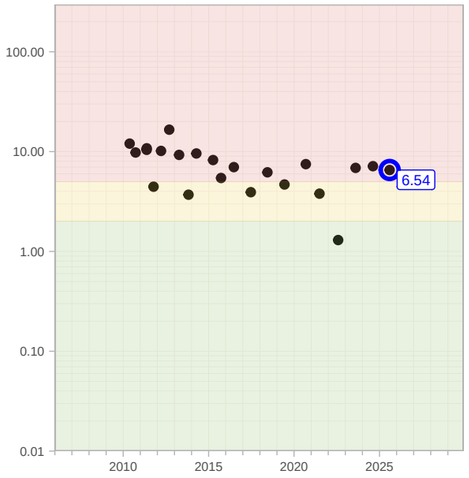
All | N = 23; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



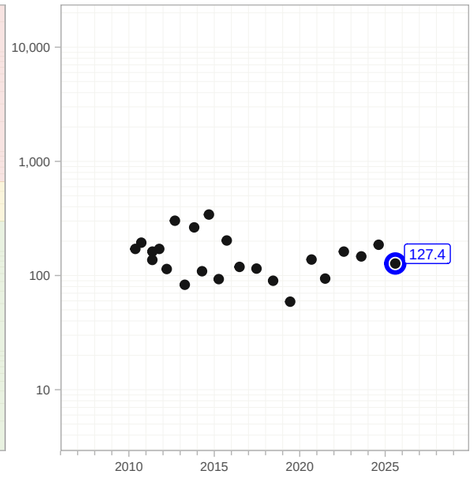
All | N = 23; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



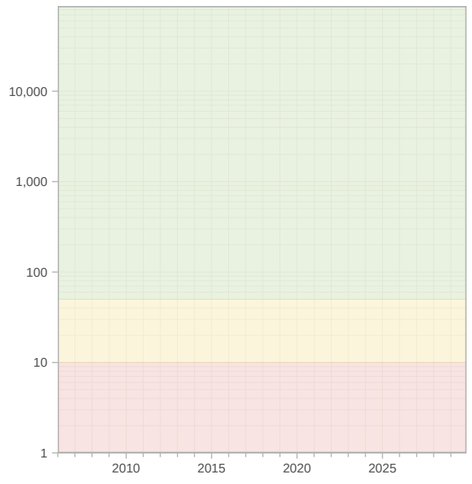
All | N = 22; ND = 0; %ND = 0; M−K = strong decreasing

Specific Conductance (uS/cm)



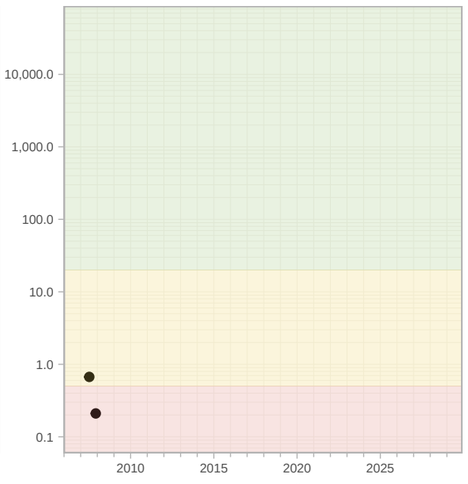
All | N = 23; ND = 0; %ND = 0; M−K = stable

Sulfide



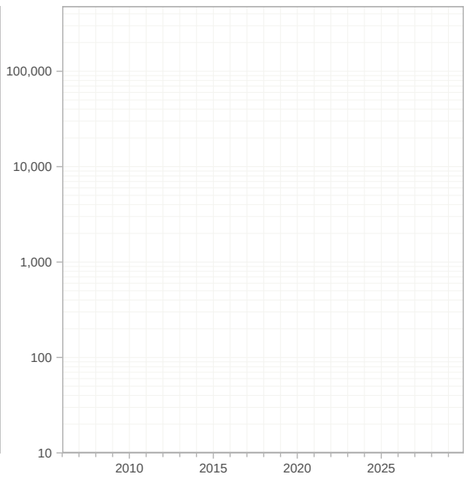
No Data

Methane (ug/L)



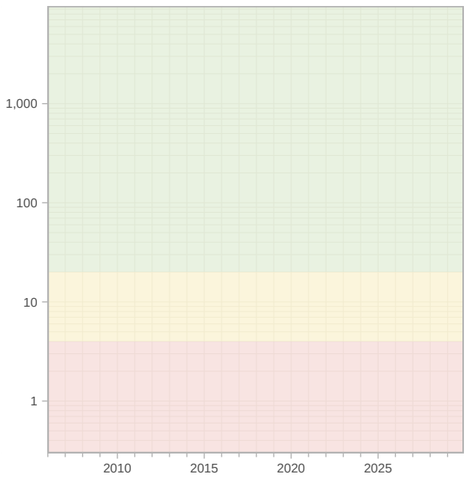
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



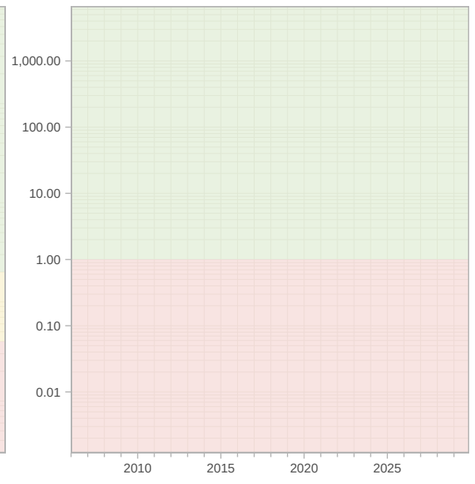
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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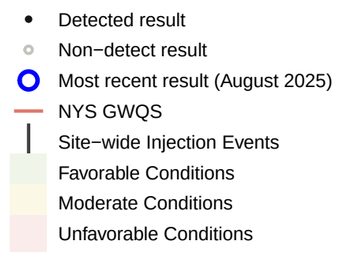
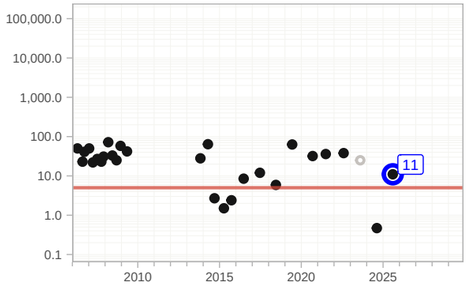
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



GC−1 PORT 1 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

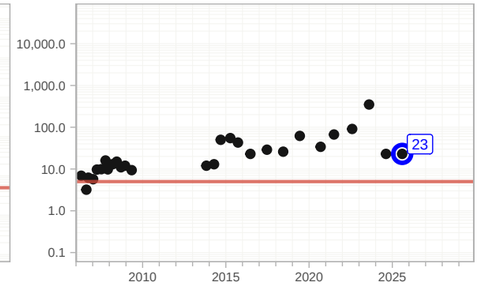
NYS GWQS = 5 ug/L



All | N = 28; ND = 1; %ND = 3.6; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

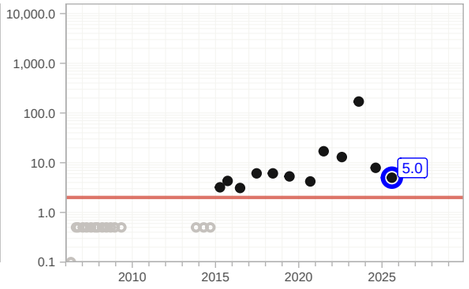
NYS GWQS = 5 ug/L



All | N = 28; ND = 0; %ND = 0; M−K = strong increasing

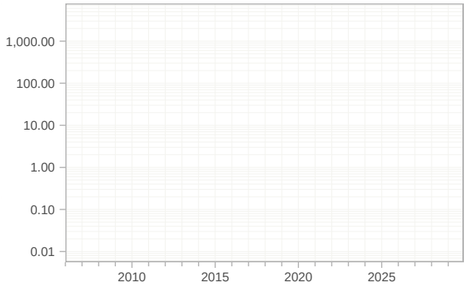
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



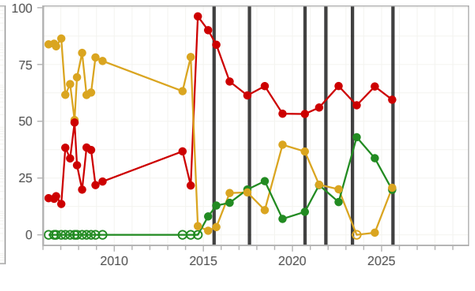
All | N = 28; ND = 16; %ND = 57.1; M−K = strong increasing

Ethane + Ethene



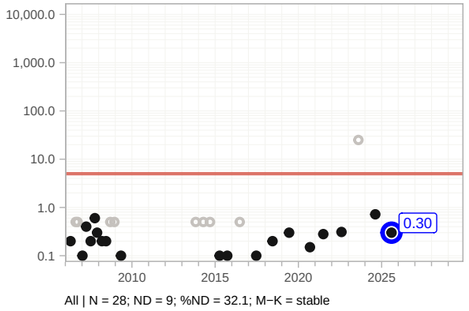
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

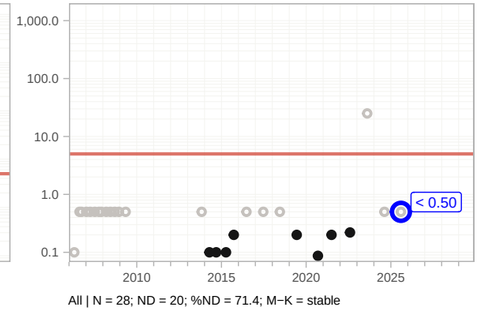
NYS GWQS = 5 ug/L



All | N = 28; ND = 9; %ND = 32.1; M−K = stable

Dichloroethene (1,1−) (ug/L)

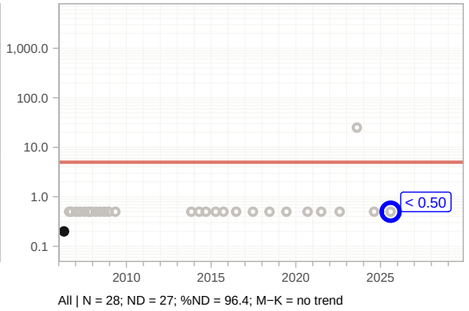
NYS GWQS = 5 ug/L



All | N = 28; ND = 20; %ND = 71.4; M−K = stable

Tetrachloroethene (PCE) (ug/L)

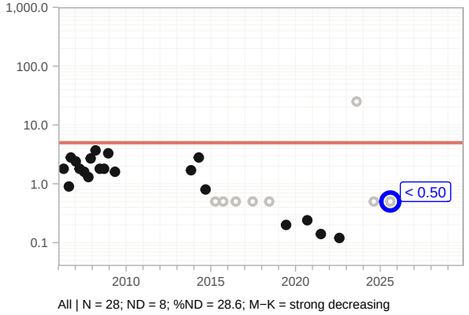
NYS GWQS = 5 ug/L



All | N = 28; ND = 27; %ND = 96.4; M−K = no trend

Carbon tetrachloride (ug/L)

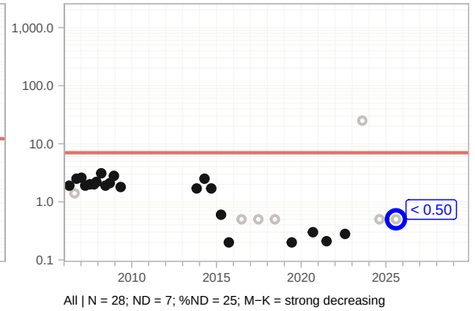
NYS GWQS = 5 ug/L



All | N = 28; ND = 8; %ND = 28.6; M−K = strong decreasing

Chloroform (Trichloromethane) (ug/L)

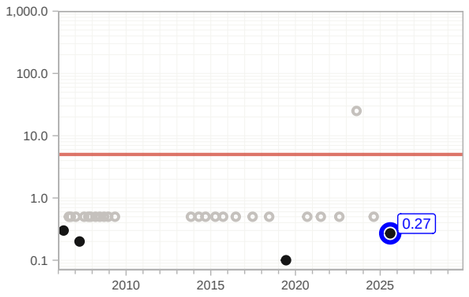
NYS GWQS = 7 ug/L



All | N = 28; ND = 7; %ND = 25; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/l

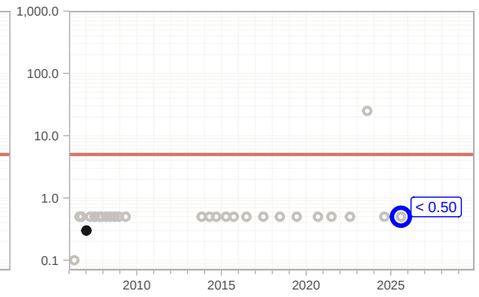
NYS GWQS = 5 ug/L



All | N = 28; ND = 24; %ND = 85.7; M−K = no trend

Chloromethane (ug/L)

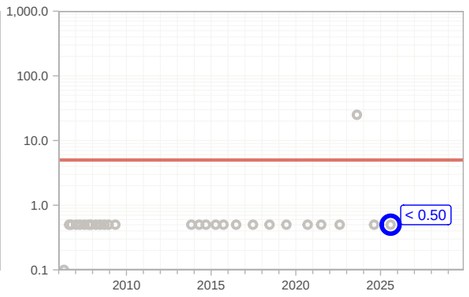
NYS GWQS = 5 ug/L



All | N = 28; ND = 27; %ND = 96.4; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

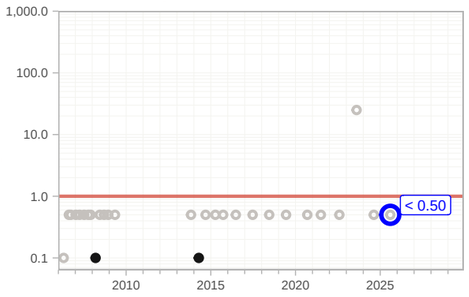
NYS GWQS = 5 ug/L



All | N = 28; ND = 28; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

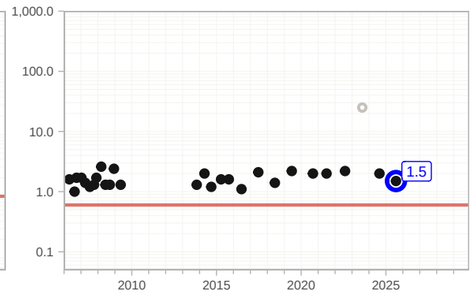
NYS GWQS = 1 ug/L



All | N = 28; ND = 26; %ND = 92.9; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 28; ND = 1; %ND = 3.6; M−K = stable

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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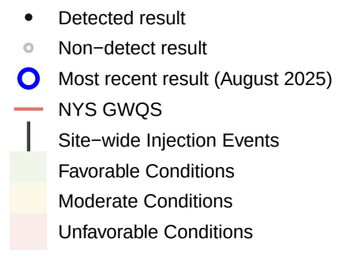
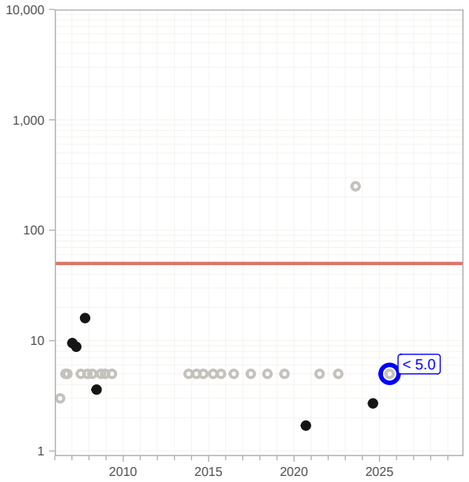
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



GC−1 PORT 1 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

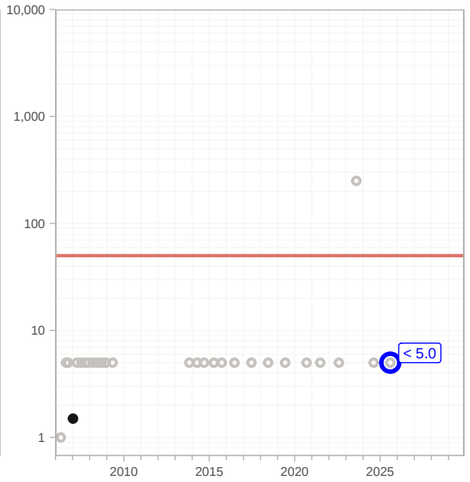
NYS GWQS = 50 ug/L



All | N = 28; ND = 22; %ND = 78.6; M−K = no trend

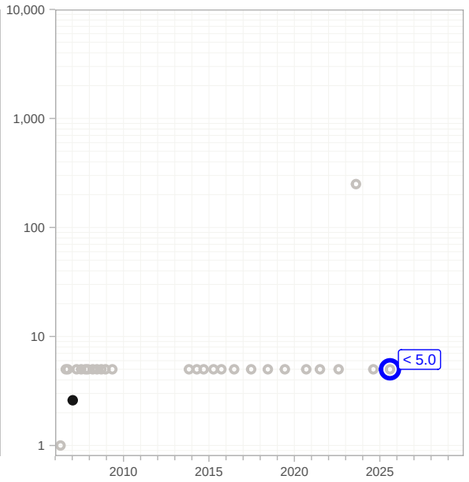
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 28; ND = 27; %ND = 96.4; M−K = no trend

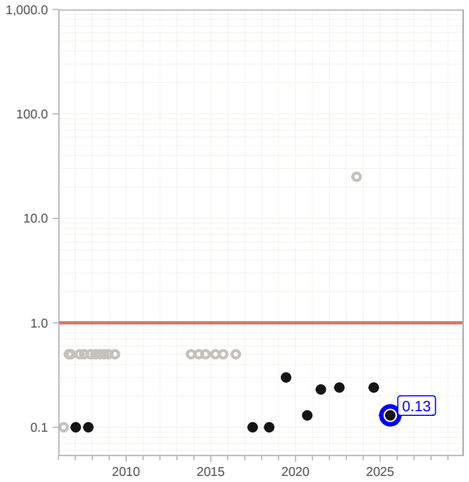
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 28; ND = 27; %ND = 96.4; M−K = no trend

Benzene (ug/L)

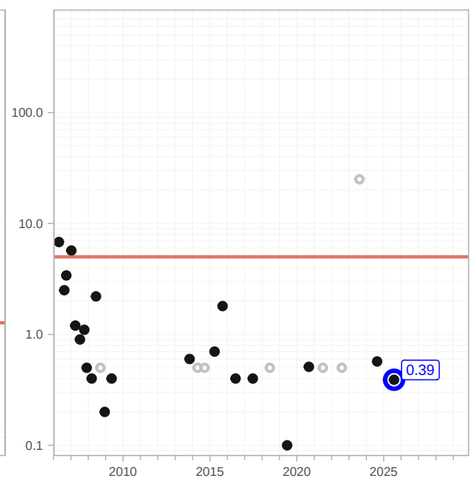
NYS GWQS = 1 ug/L



All | N = 28; ND = 18; %ND = 64.3; M−K = stable

Toluene (ug/L)

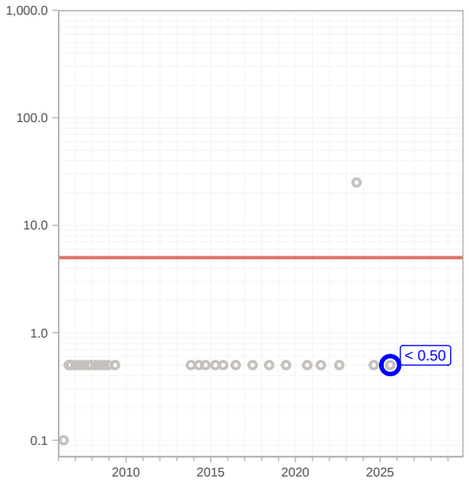
NYS GWQS = 5 ug/L



All | N = 28; ND = 7; %ND = 25; M−K = strong decreasing

Ethylbenzene (ug/L)

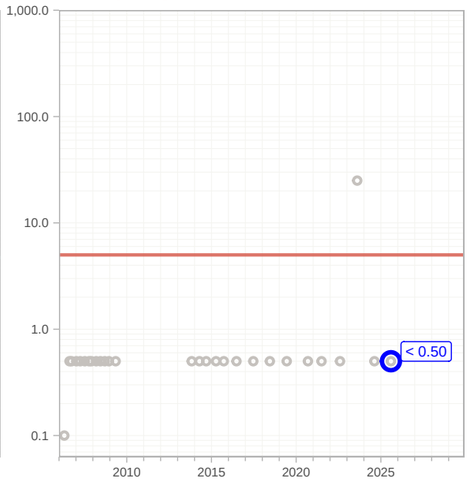
NYS GWQS = 5 ug/L



All | N = 28; ND = 28; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

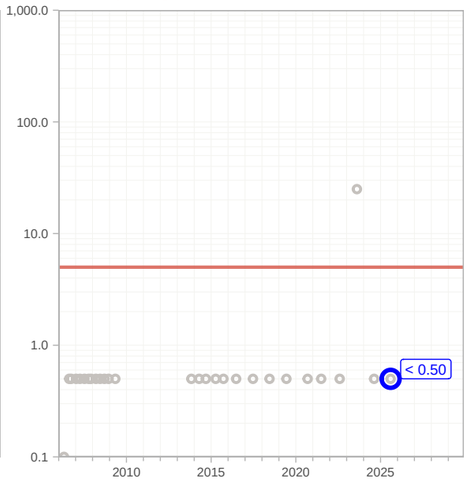
NYS GWQS = 5 ug/L



All | N = 28; ND = 28; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

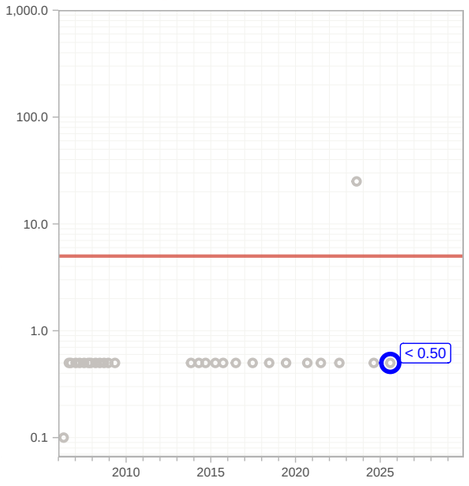
NYS GWQS = 5 ug/L



All | N = 28; ND = 28; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 28; ND = 28; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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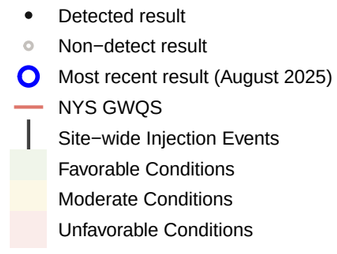
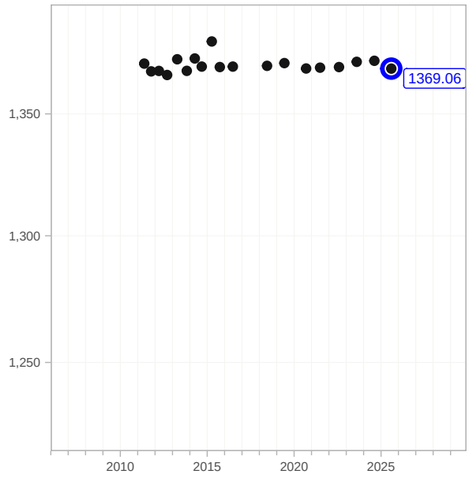
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



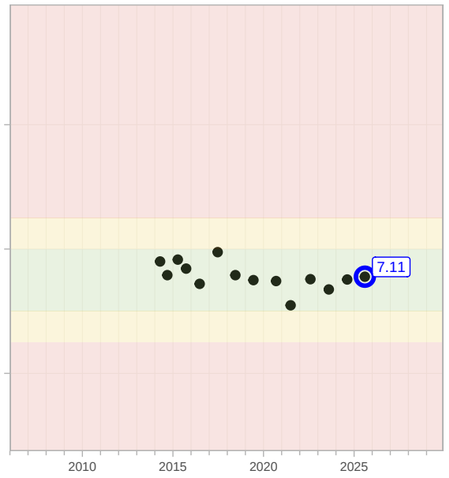
GC−1 PORT 1 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



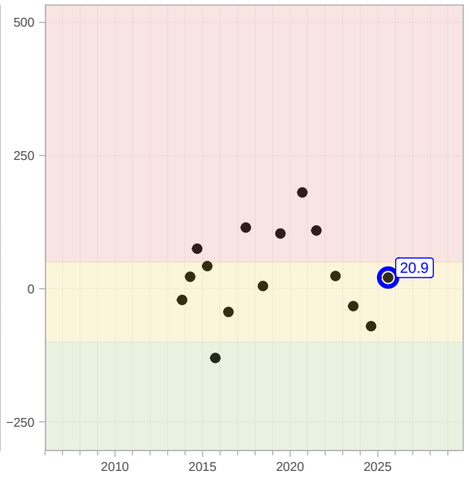
All | N = 19; ND = 0; %ND = 0; M−K = stable

pH (SU)



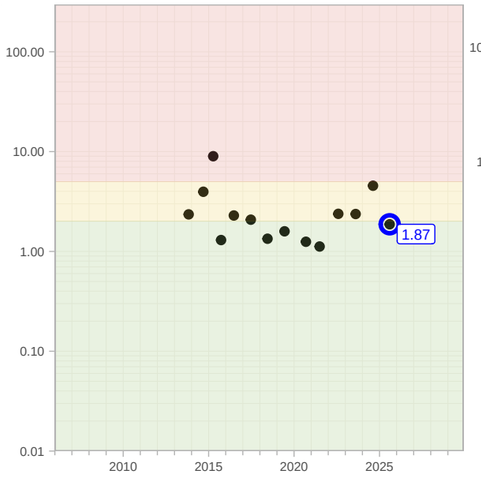
All | N = 14; ND = 0; %ND = 0; M−K = probably decreasing

Oxidation/Reduction Potential (mV)



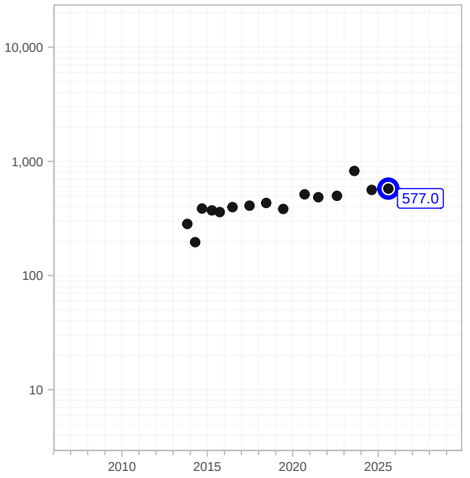
All | N = 15; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



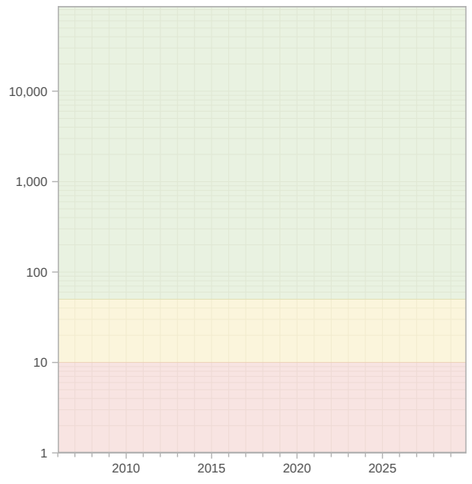
All | N = 14; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



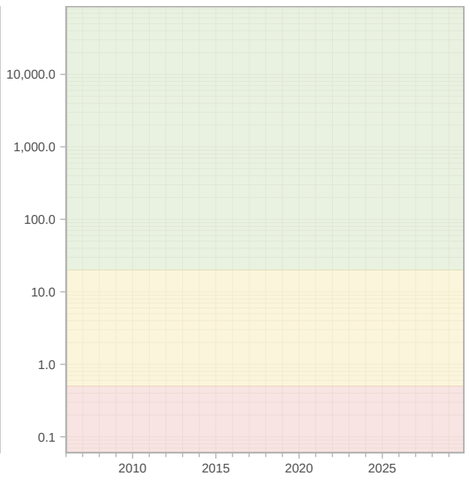
All | N = 15; ND = 0; %ND = 0; M−K = strong increasing

Sulfide



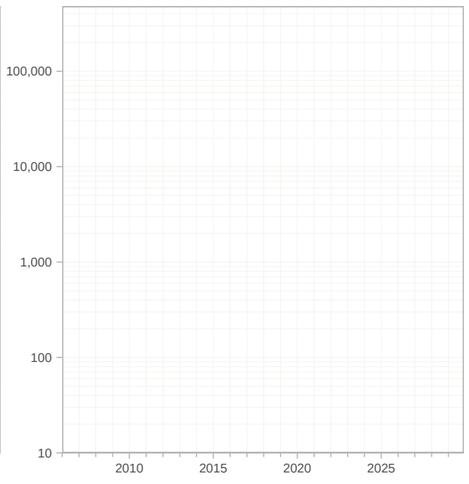
No Data

Methane



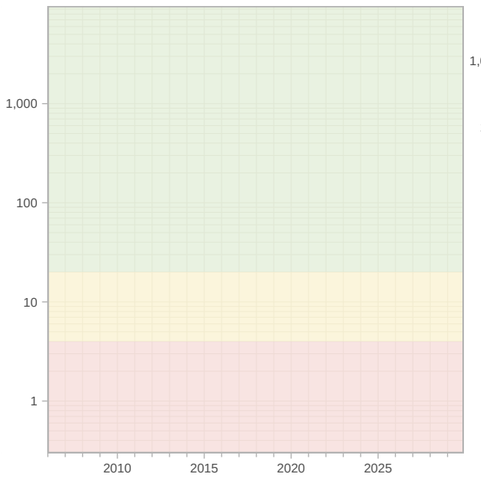
No Data

Iron − Ferrous



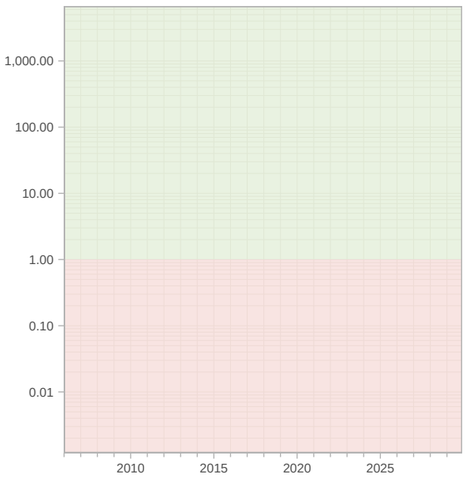
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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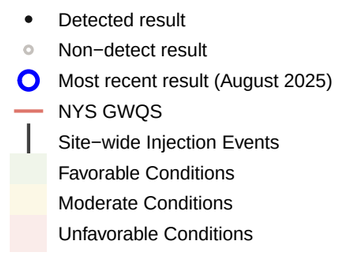
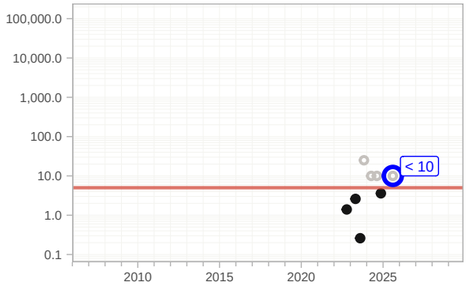


C−1 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

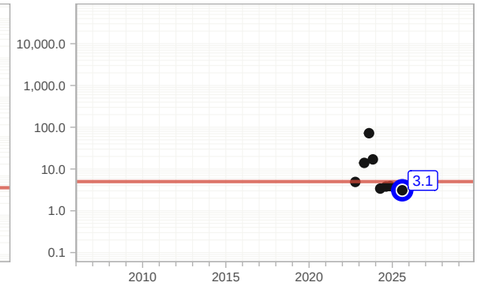
NYS GWQS = 5 ug/L



All | N = 8; ND = 4; %ND = 50; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

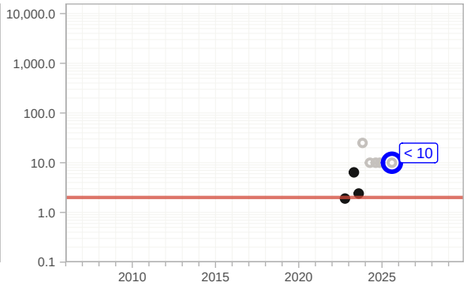
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = no trend

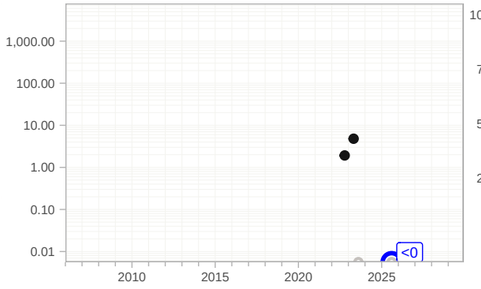
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



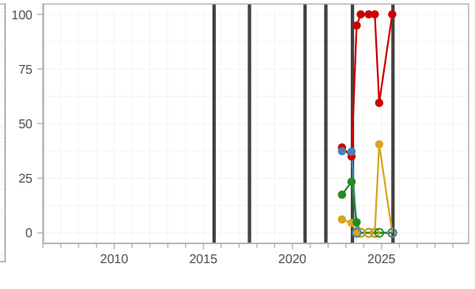
All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Ethane + Ethene (ug/L)



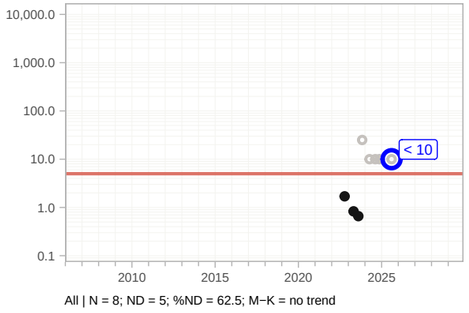
All | N = 4; ND = 2; %ND = 50; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

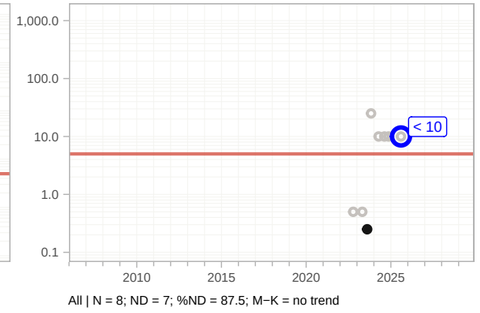
NYS GWQS = 5 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Dichloroethene (1,1−) (ug/L)

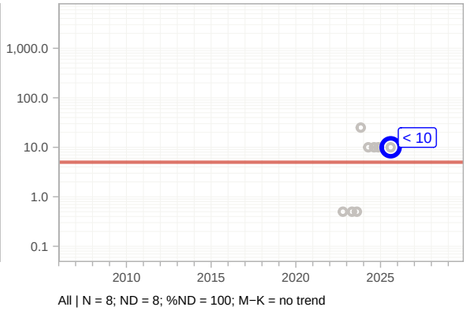
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

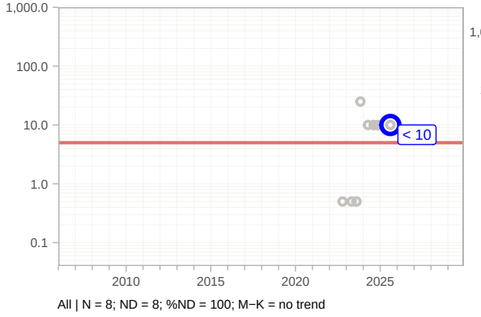
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

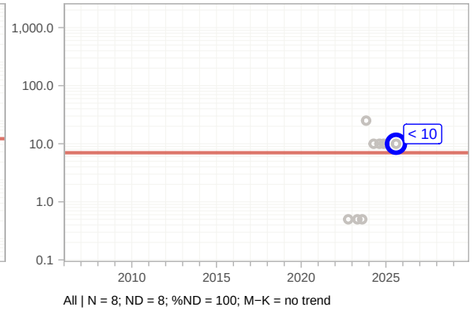
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

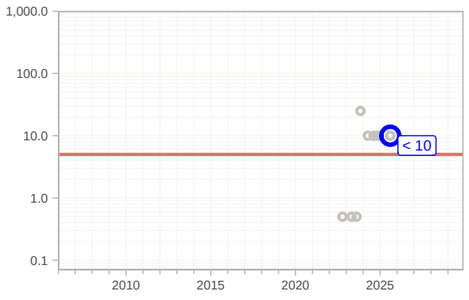
NYS GWQS = 7 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

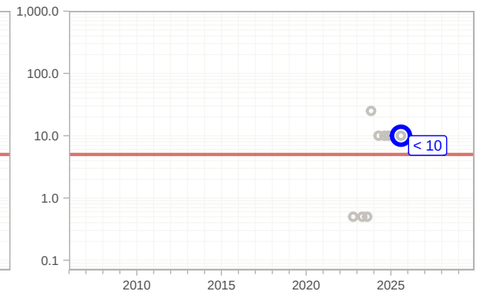
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloromethane (ug/L)

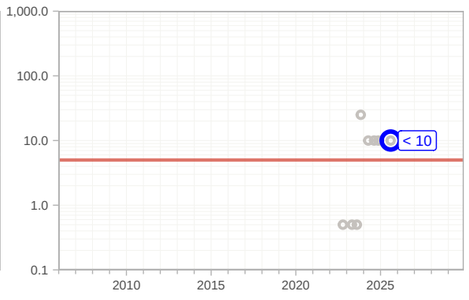
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

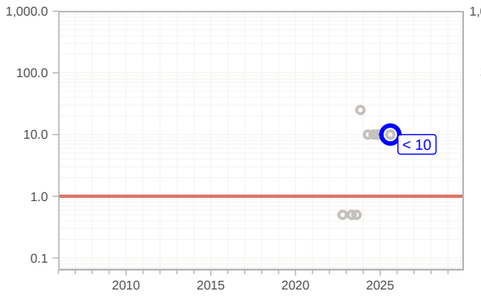
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

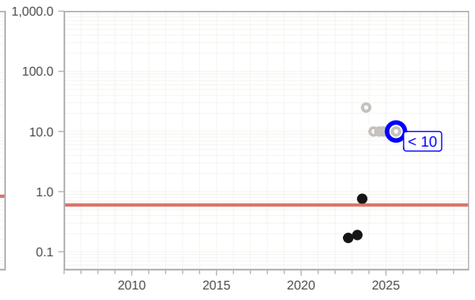
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Notes:
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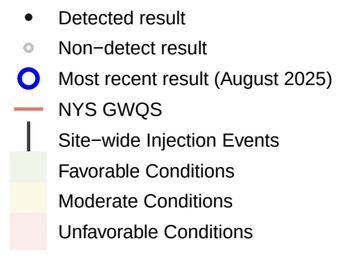
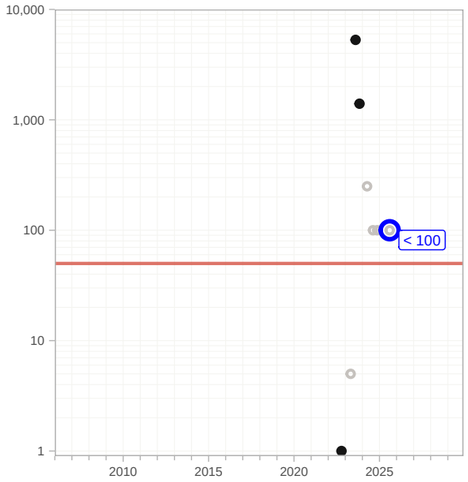


C−1 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

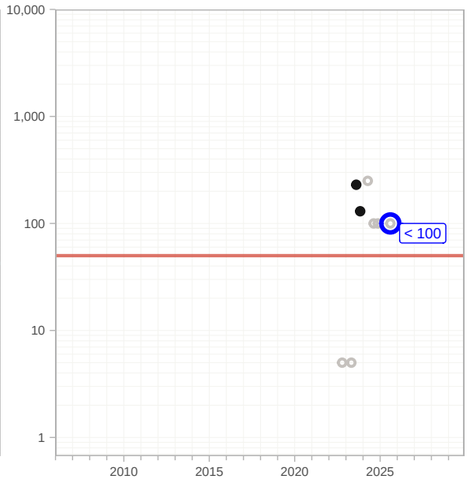
NYS GWQS = 50 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

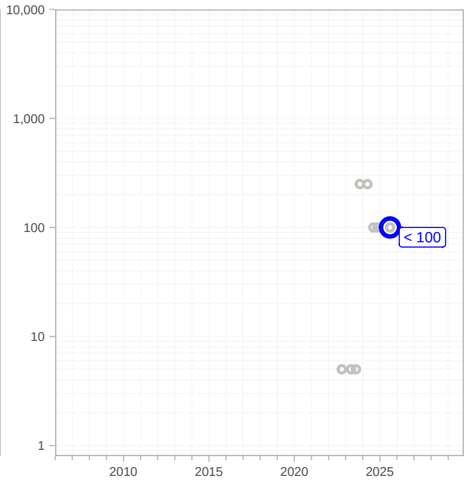
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

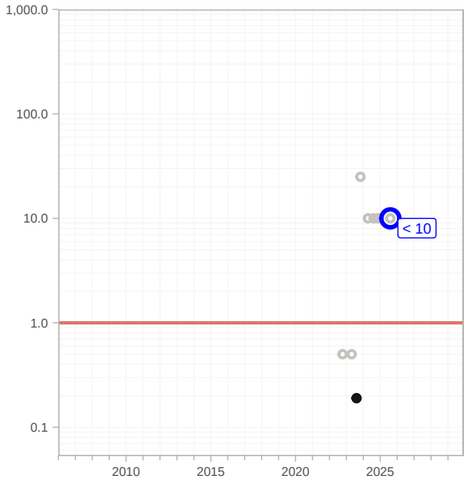
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)

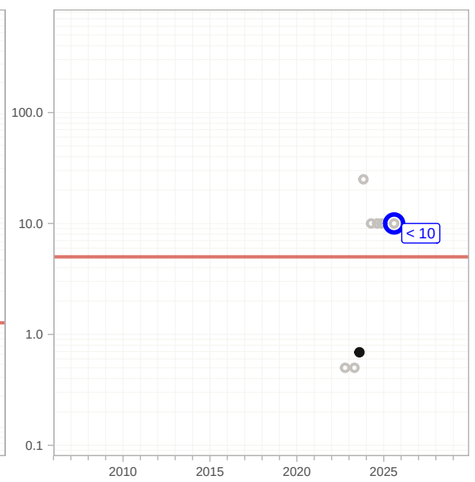
NYS GWQS = 1 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Toluene (ug/L)

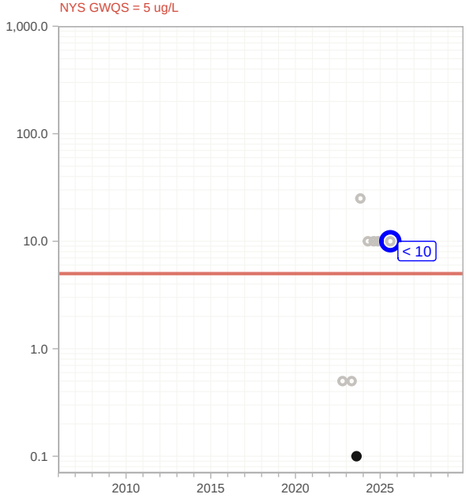
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Ethylbenzene (ug/L)

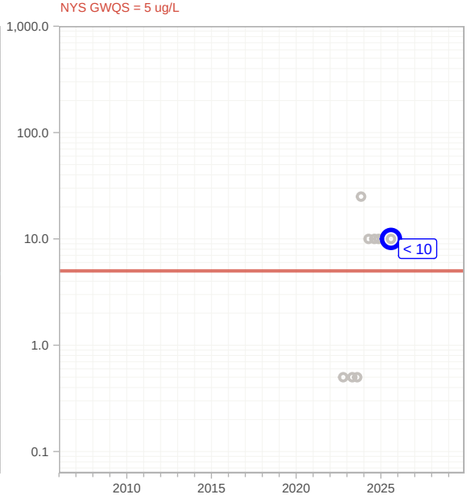
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

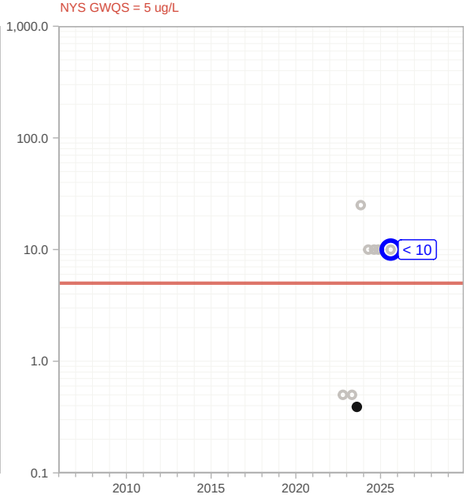
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

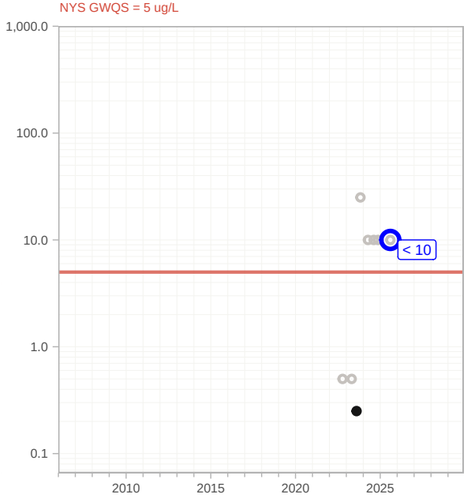
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

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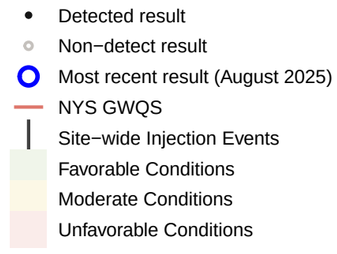
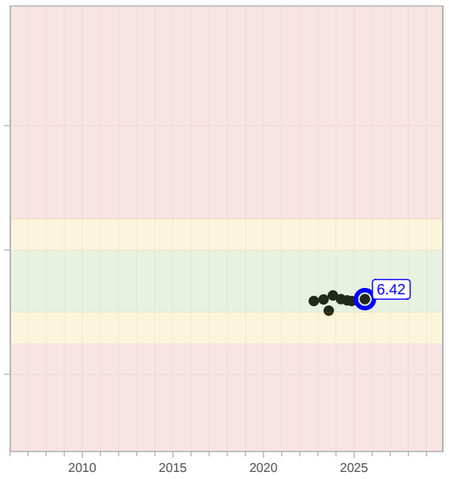


C−1 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)

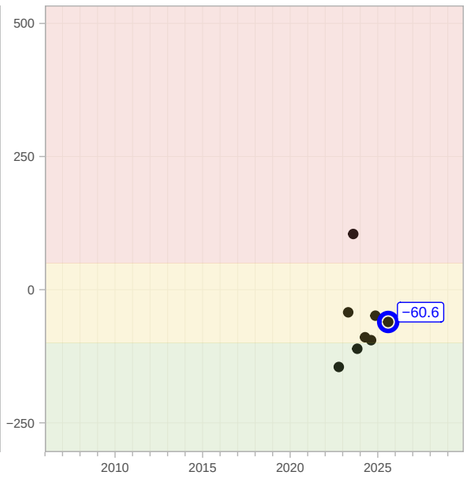
All | N = 8; ND = 0; %ND = 0; M−K = stable

pH (SU)



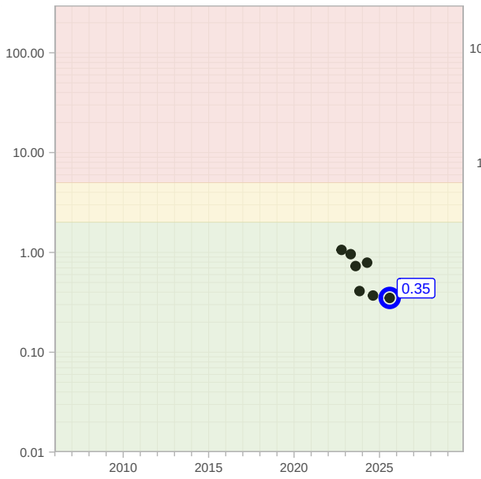
All | N = 8; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



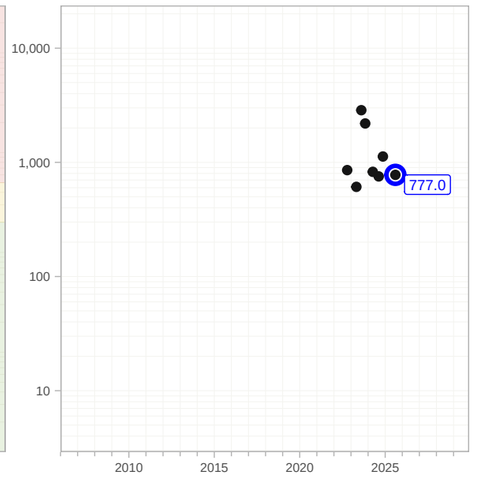
All | N = 8; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



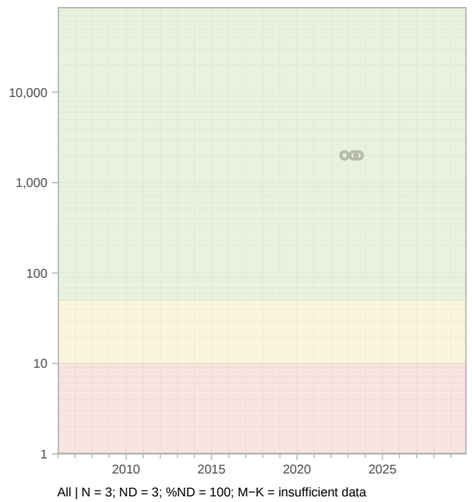
All | N = 7; ND = 0; %ND = 0; M−K = decreasing

Specific Conductance (uS/cm)



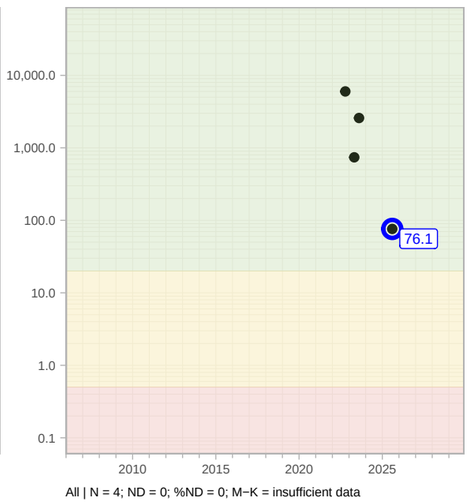
All | N = 8; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



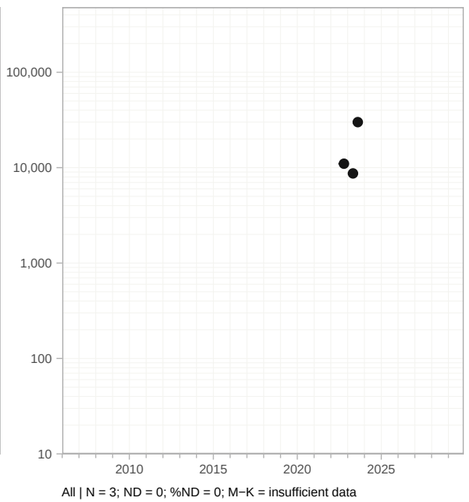
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Methane (ug/L)



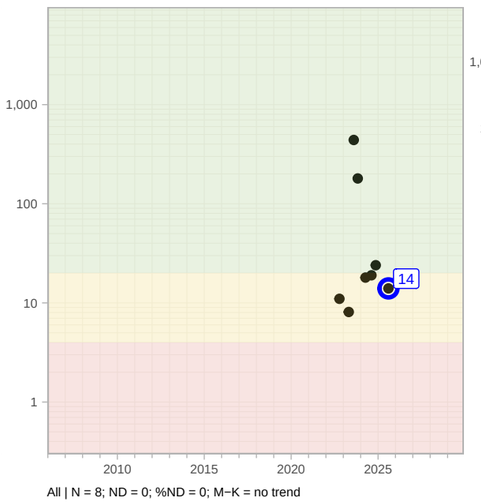
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



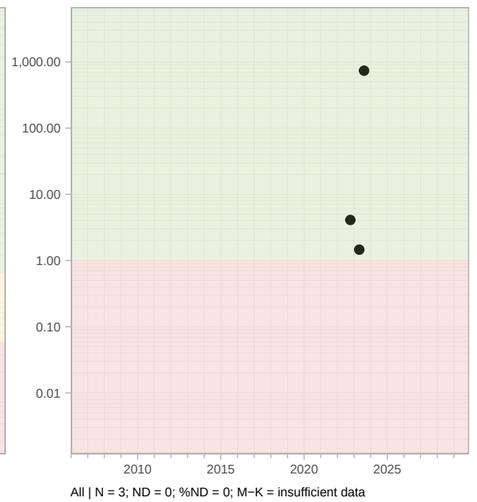
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 8; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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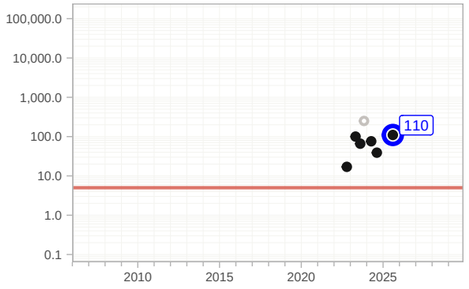
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

C−10 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

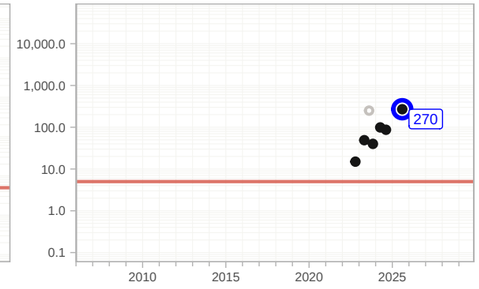
NYS GWQS = 5 ug/L



All | N = 7; ND = 1; %ND = 14.3; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

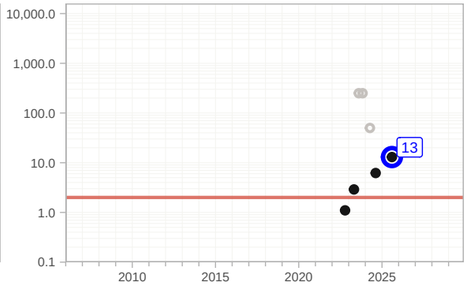
NYS GWQS = 5 ug/L



All | N = 7; ND = 1; %ND = 14.3; M−K = probably increasing

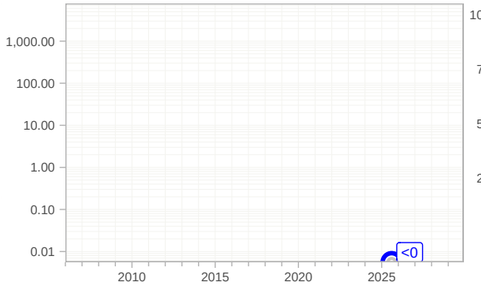
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



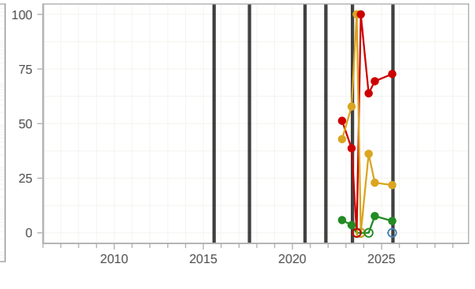
All | N = 7; ND = 3; %ND = 42.9; M−K = no trend

Ethane + Ethene (ug/L)



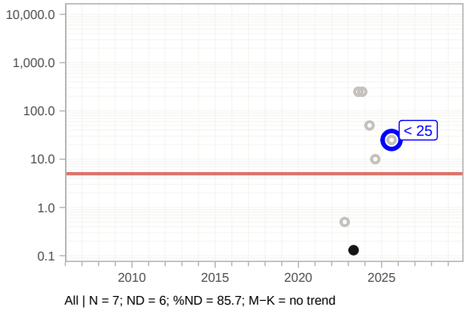
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

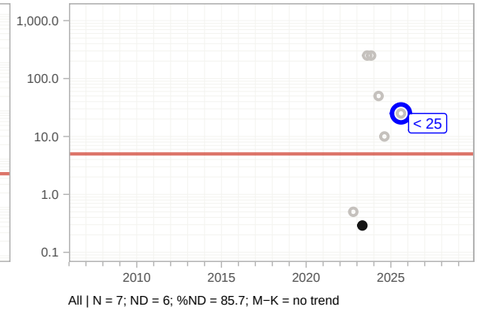
NYS GWQS = 5 ug/L



All | N = 7; ND = 6; %ND = 85.7; M−K = no trend

Dichloroethene (1,1−) (ug/L)

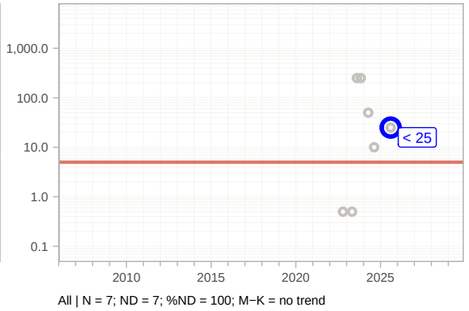
NYS GWQS = 5 ug/L



All | N = 7; ND = 6; %ND = 85.7; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

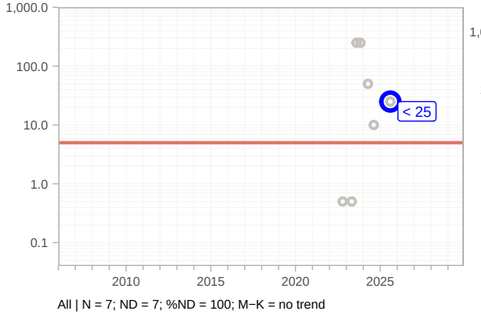
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

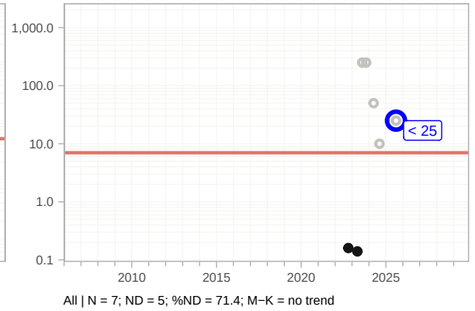
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

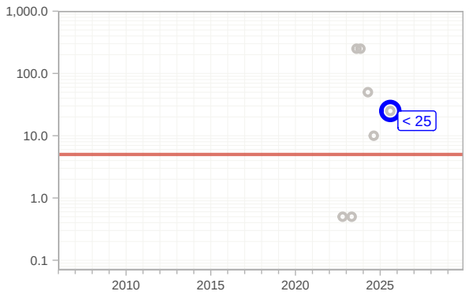
NYS GWQS = 7 ug/L



All | N = 7; ND = 5; %ND = 71.4; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

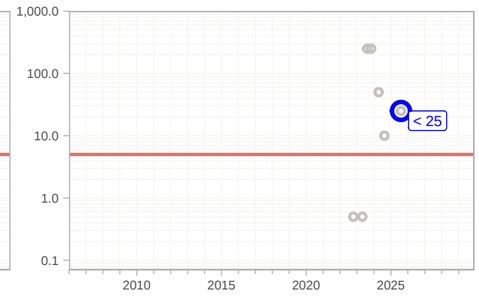
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Chloromethane (ug/L)

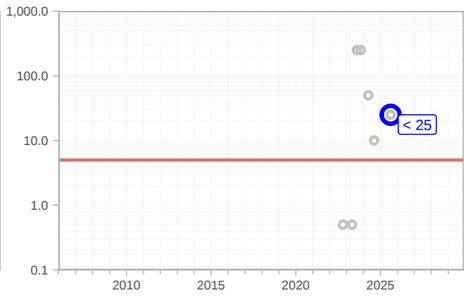
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

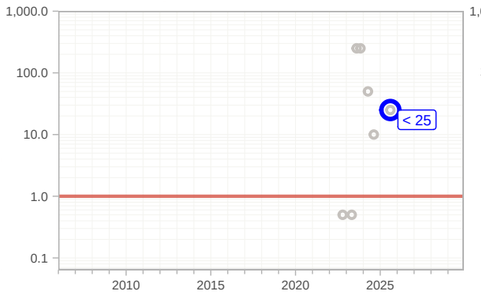
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

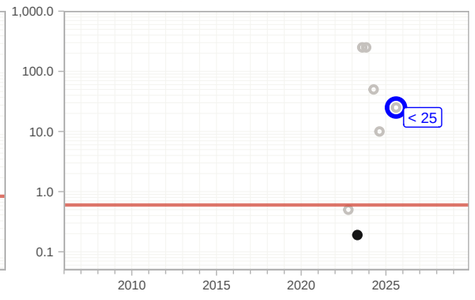
NYS GWQS = 1 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 7; ND = 6; %ND = 85.7; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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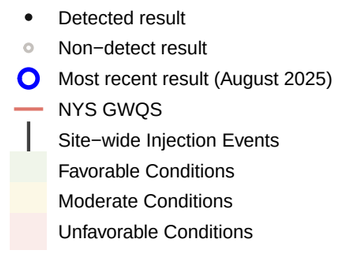
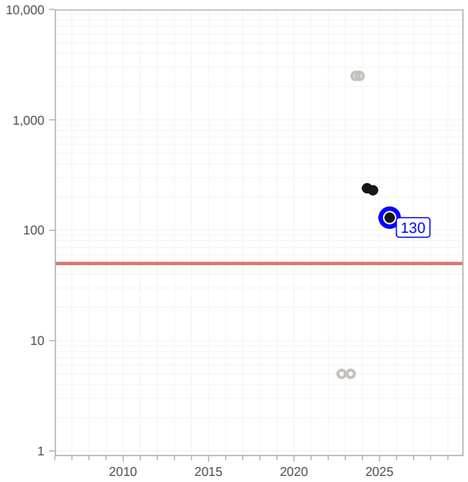


C−10 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

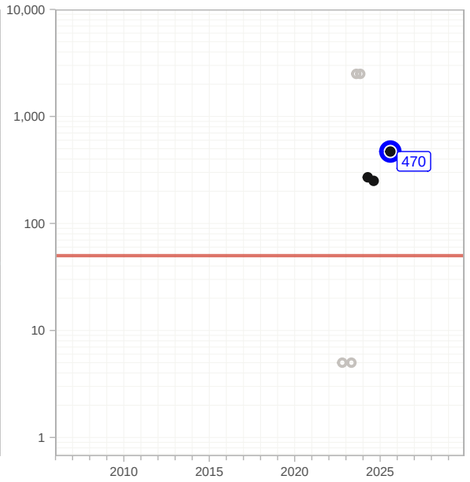
NYS GWQS = 50 ug/L



All | N = 7; ND = 4; %ND = 57.1; M−K = no trend

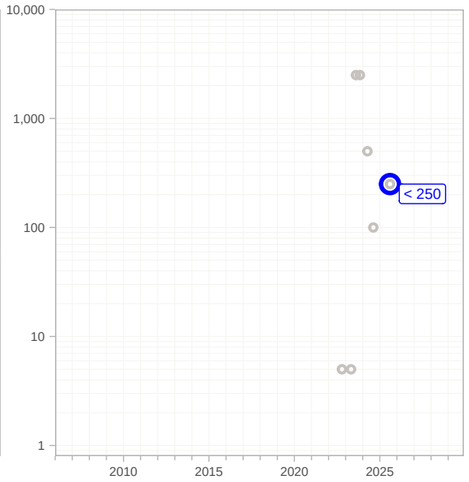
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 7; ND = 4; %ND = 57.1; M−K = no trend

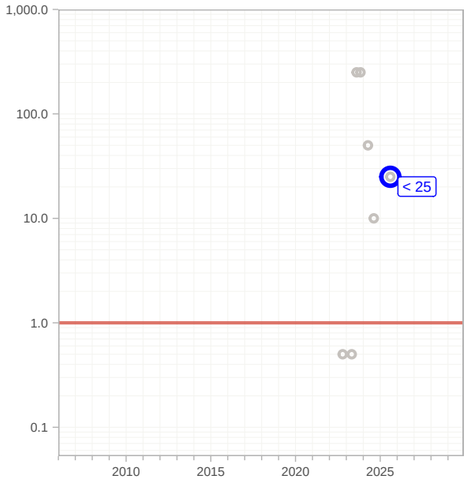
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Benzene (ug/L)

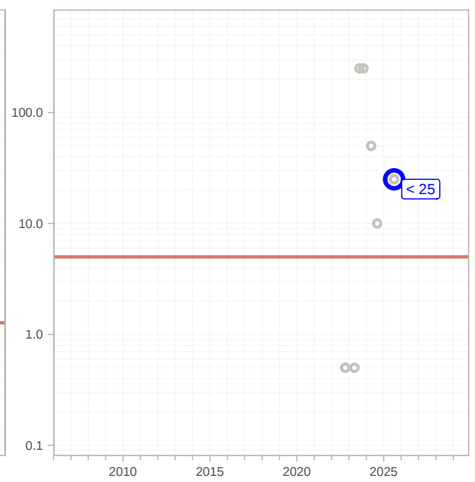
NYS GWQS = 1 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Toluene (ug/L)

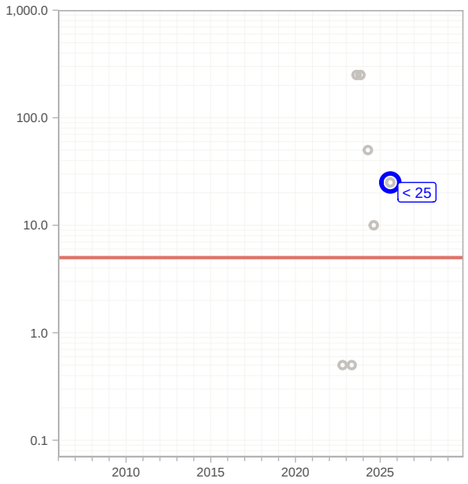
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)

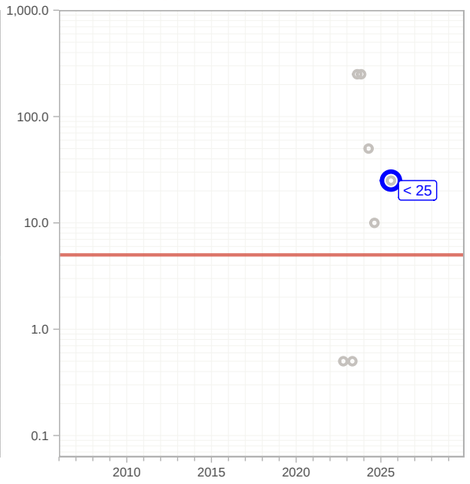
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

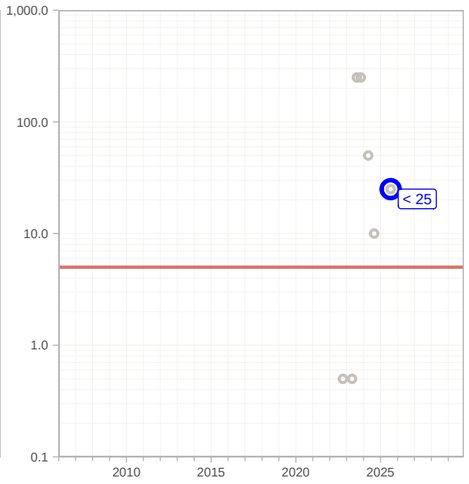
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

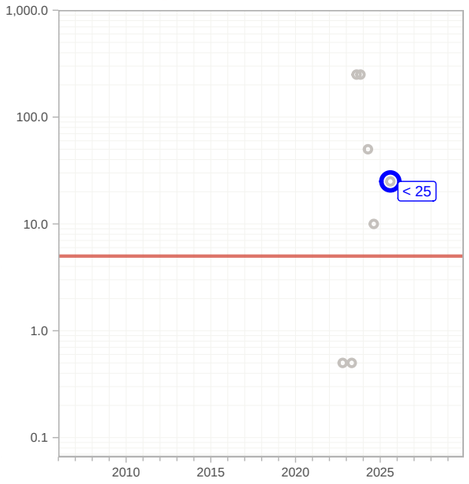
NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 7; ND = 7; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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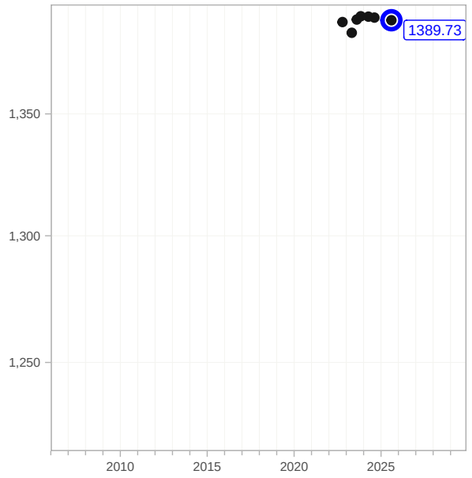
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

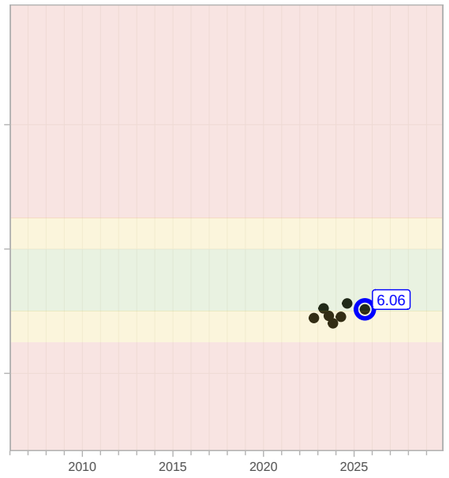
C−10 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



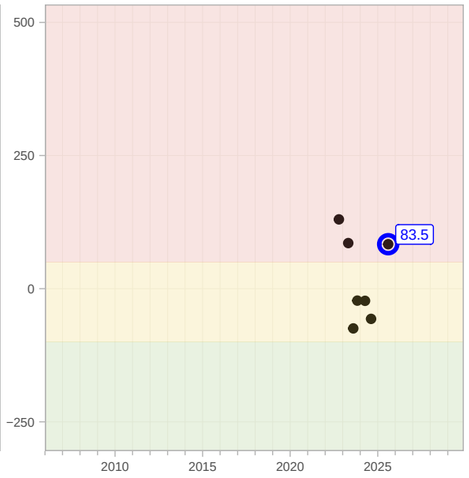
All | N = 7; ND = 0; %ND = 0; M−K = no trend

pH (SU)



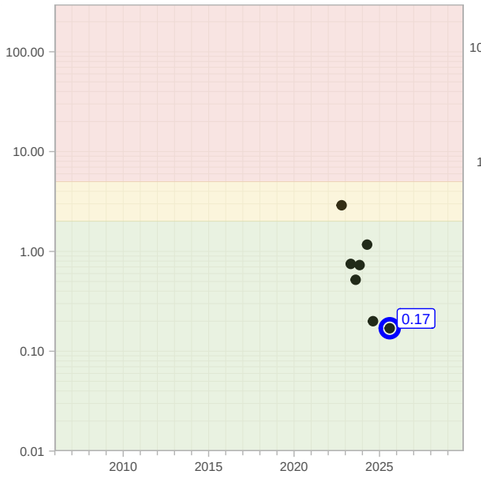
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Oxidation/Reduction Potential (mV)



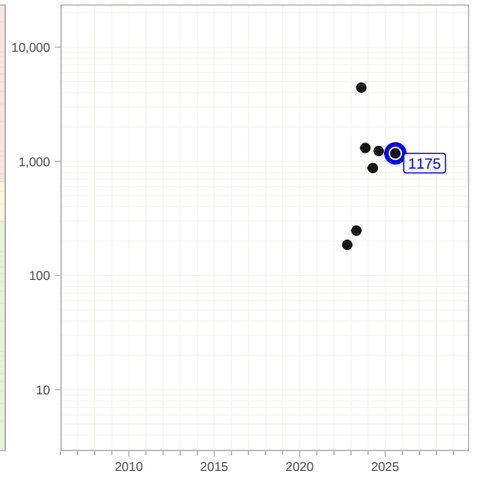
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



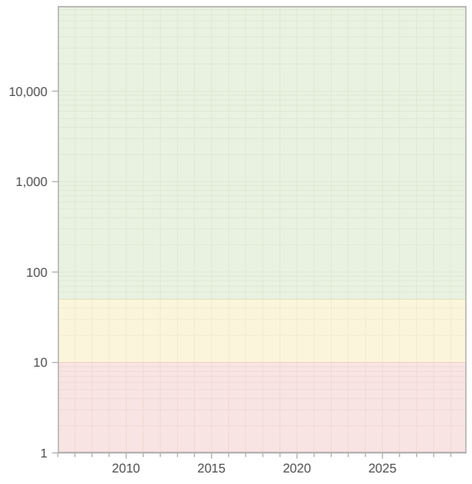
All | N = 7; ND = 0; %ND = 0; M−K = probably decreasing

Specific Conductance (uS/cm)



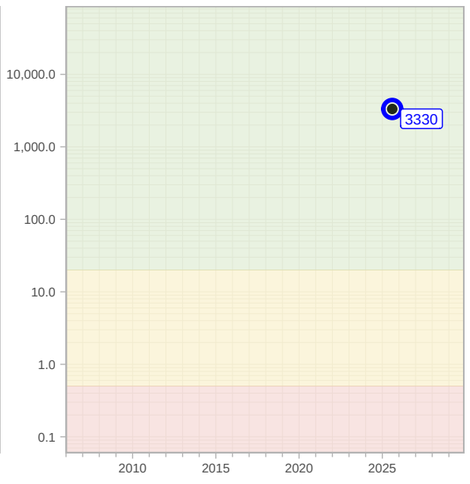
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Sulfide



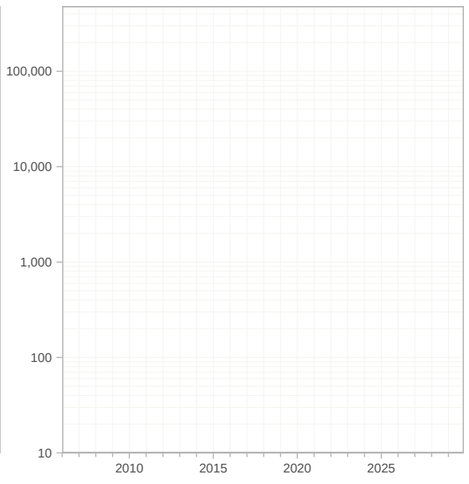
No Data

Methane (ug/L)



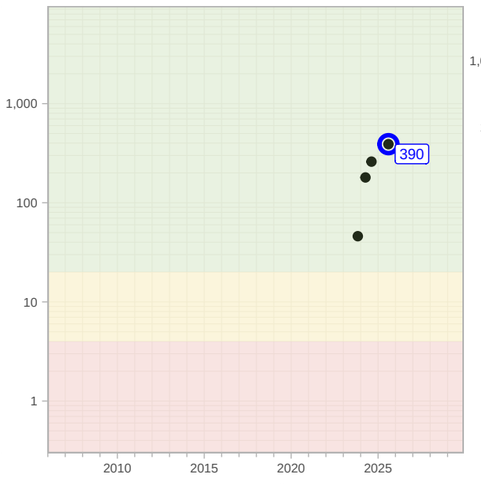
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



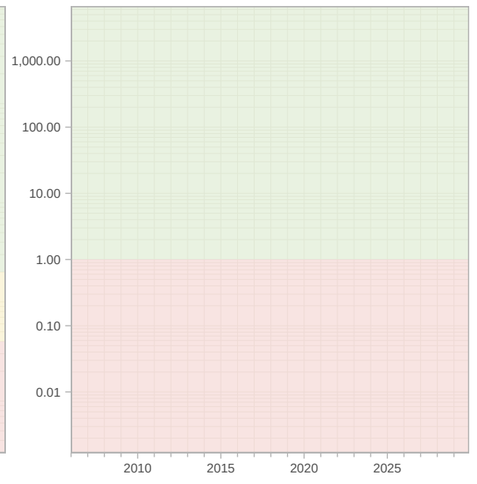
No Data

Total Organic Carbon (mg/L)



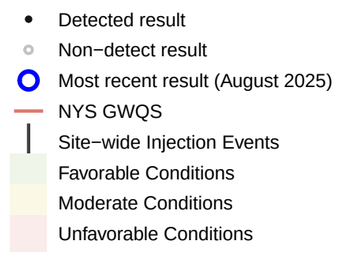
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

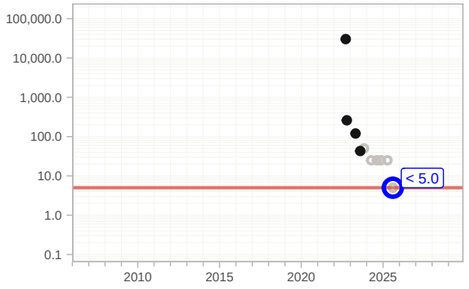
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



C−11 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

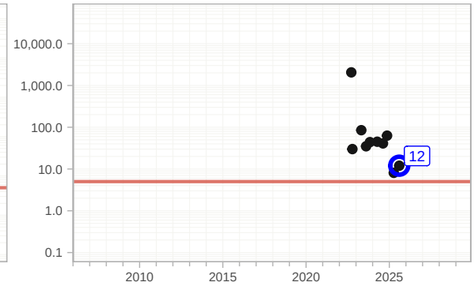
NYS GWQS = 5 ug/L



All | N = 10; ND = 6; %ND = 60; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

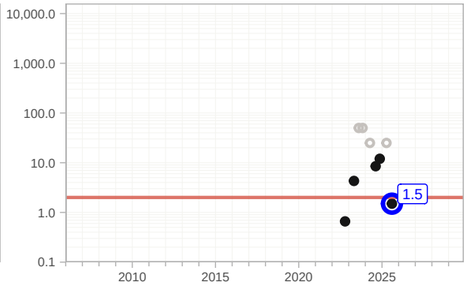
NYS GWQS = 5 ug/L



All | N = 10; ND = 0; %ND = 0; M−K = no trend

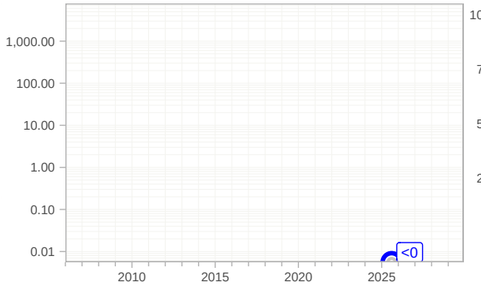
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



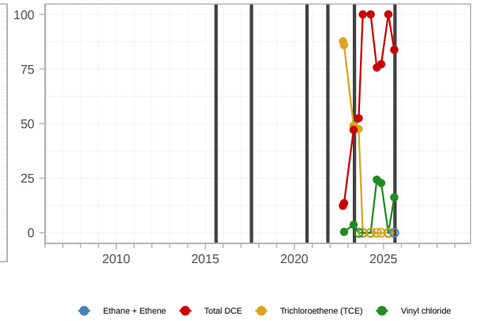
All | N = 9; ND = 4; %ND = 44.4; M−K = no trend

Ethane + Ethene (ug/L)



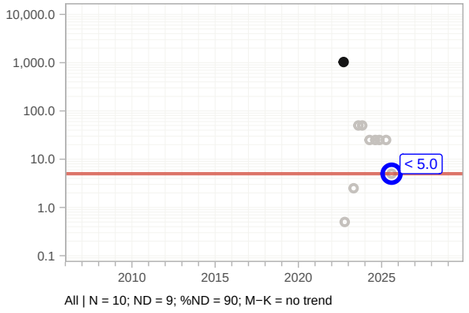
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

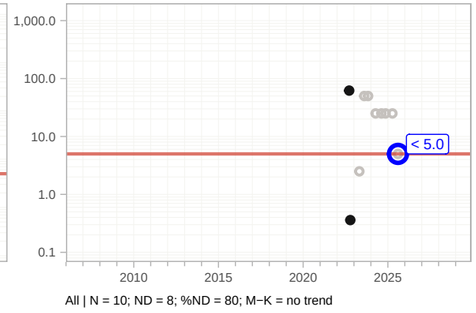
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Dichloroethene (1,1−) (ug/L)

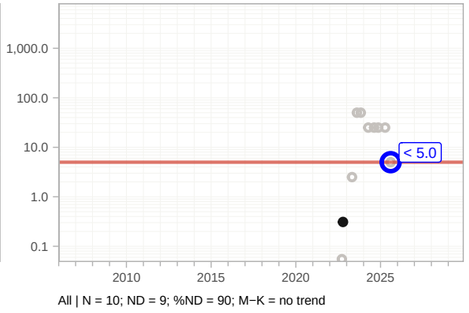
NYS GWQS = 5 ug/L



All | N = 10; ND = 8; %ND = 80; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

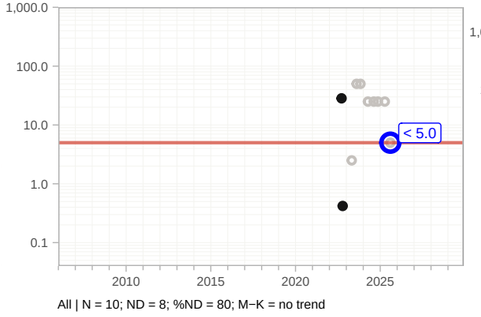
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Carbon tetrachloride (ug/L)

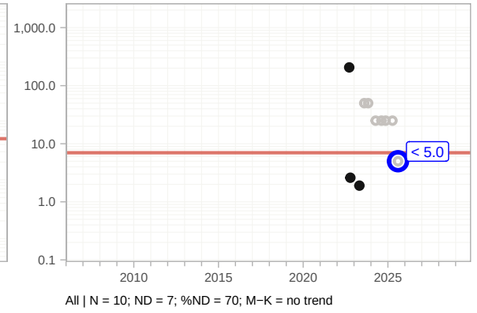
NYS GWQS = 5 ug/L



All | N = 10; ND = 8; %ND = 80; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

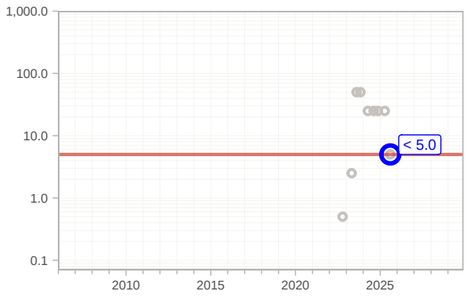
NYS GWQS = 7 ug/L



All | N = 10; ND = 7; %ND = 70; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

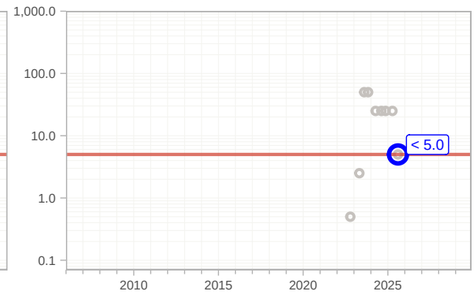
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloromethane (ug/L)

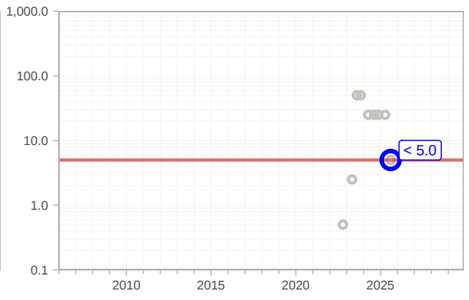
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

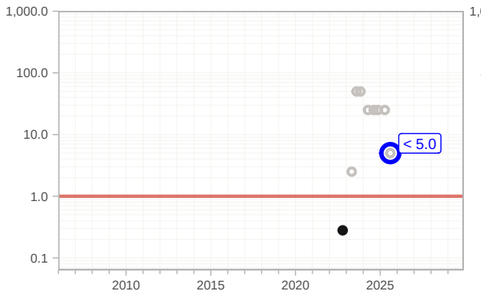
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

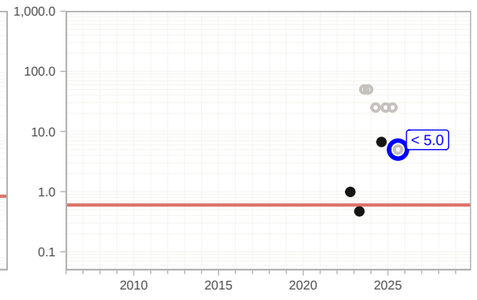
NYS GWQS = 1 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 6; %ND = 66.7; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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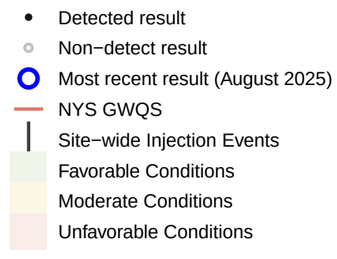
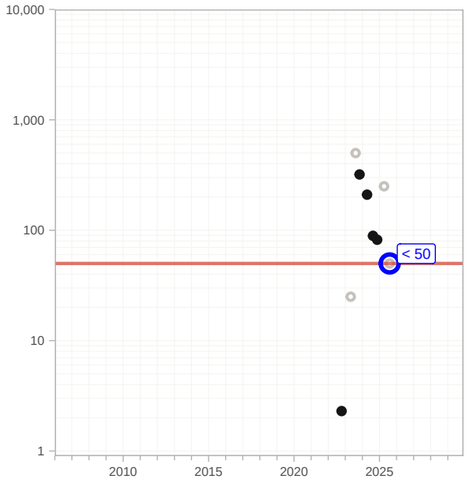


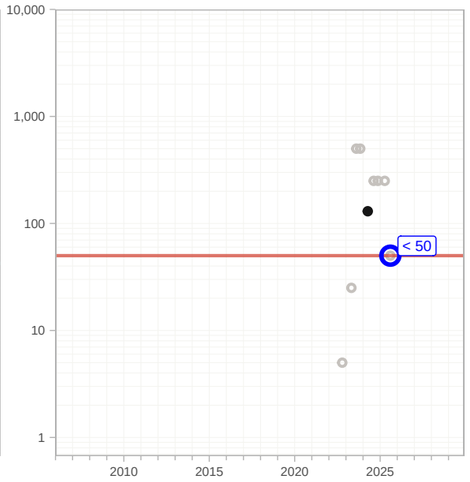
C−11 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



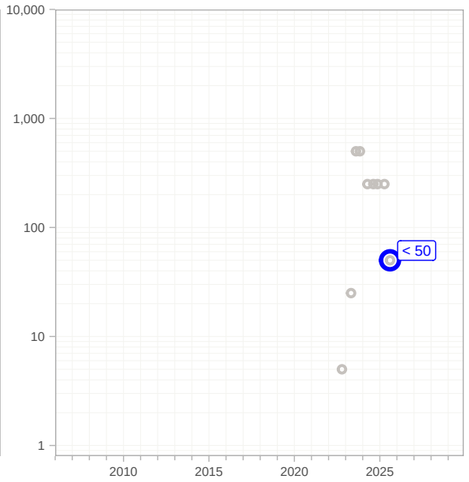
All | N = 9; ND = 4; %ND = 44.4; M−K = no trend

Butanone (2−) (MEK) (ug/L)



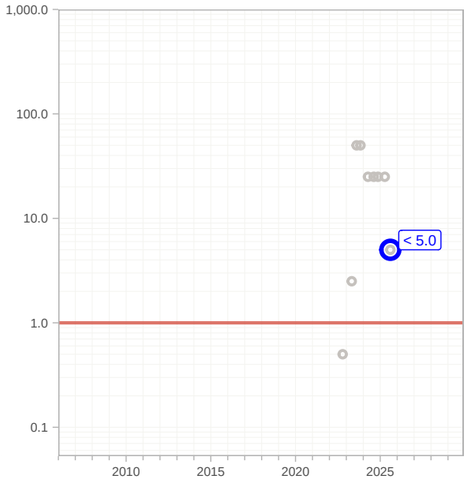
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



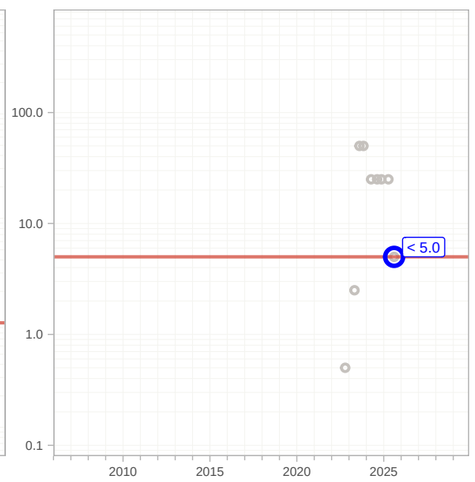
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)



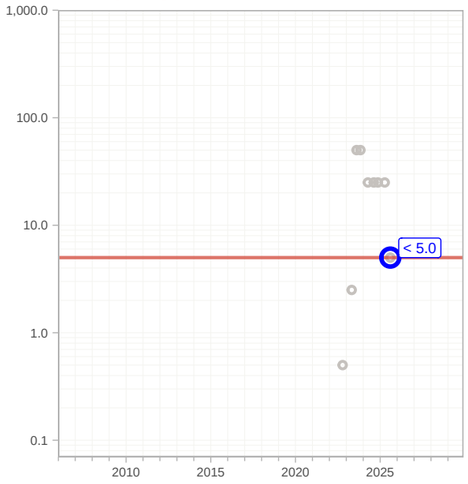
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Toluene (ug/L)



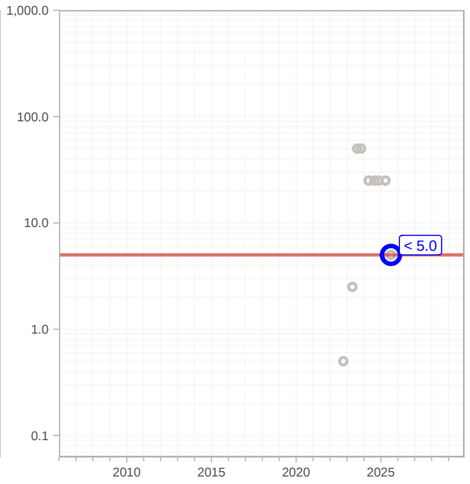
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



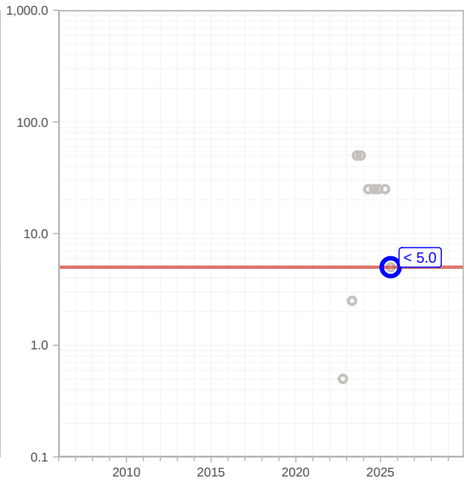
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



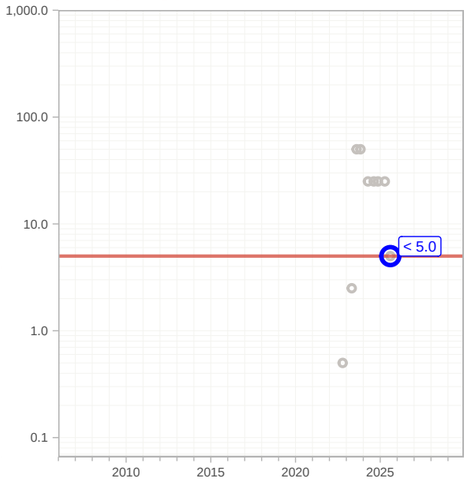
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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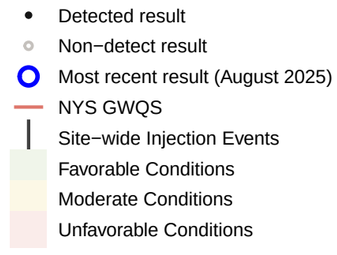
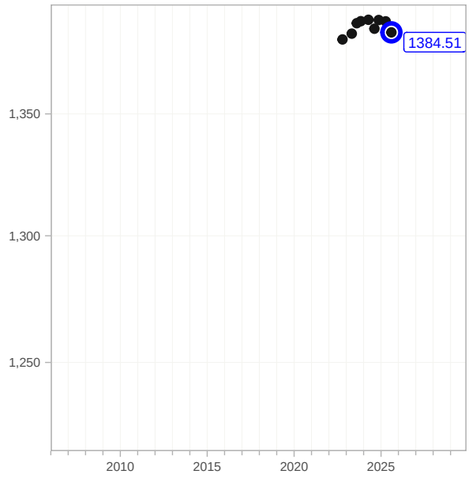


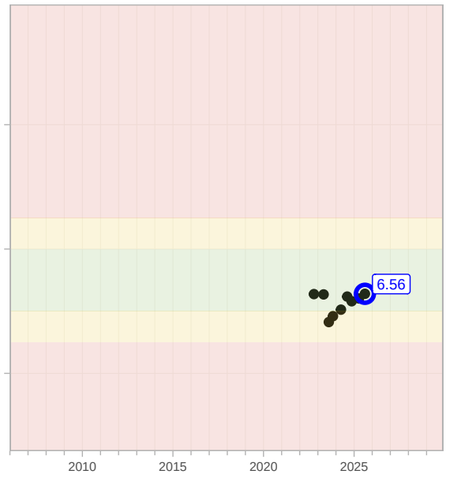
C−11 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



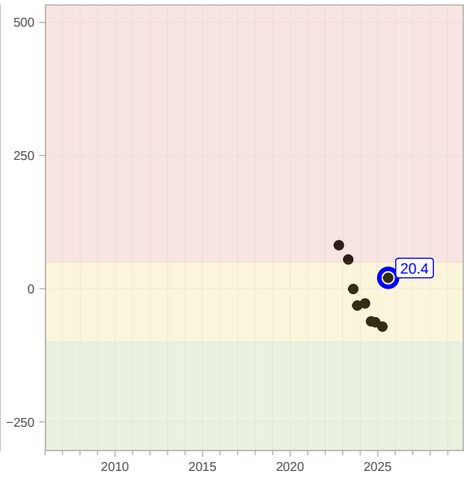
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



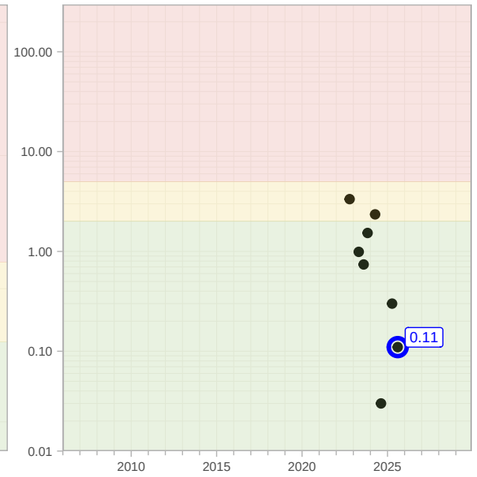
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



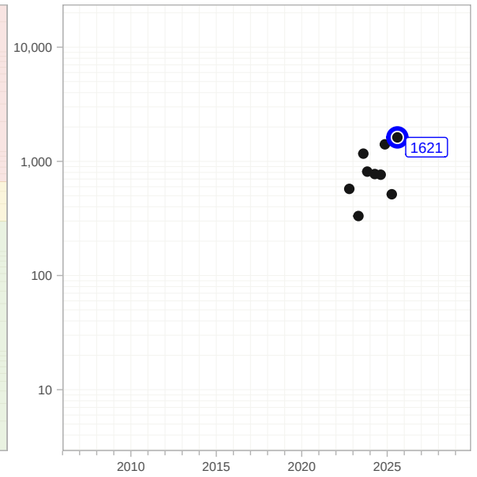
All | N = 9; ND = 0; %ND = 0; M−K = decreasing

Dissolved Oxygen (mg/L)



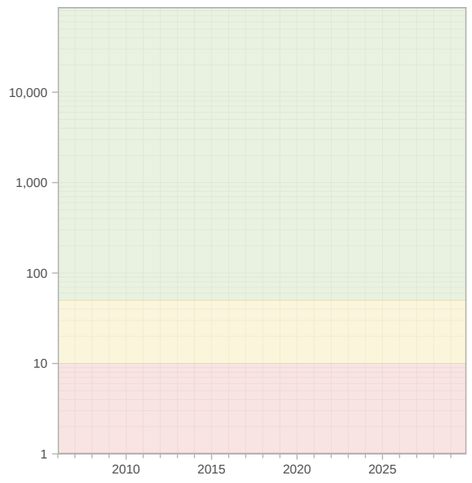
All | N = 8; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



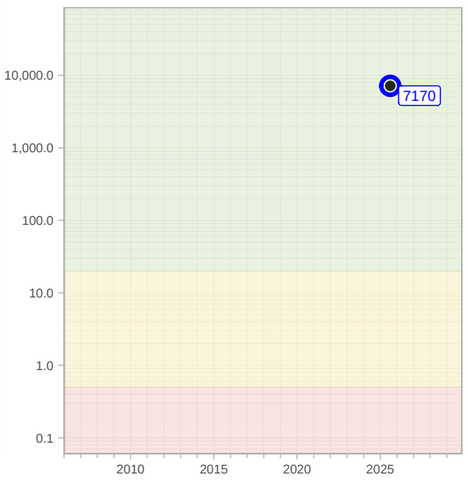
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide



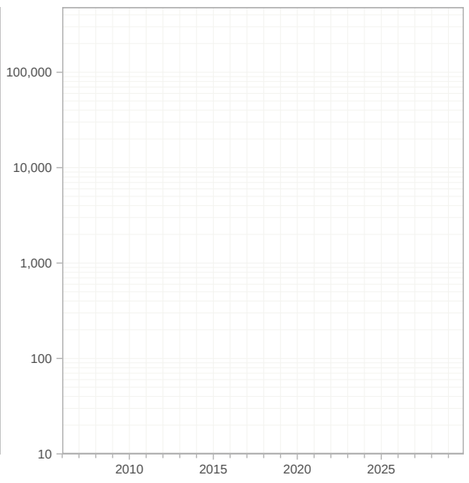
No Data

Methane (ug/L)



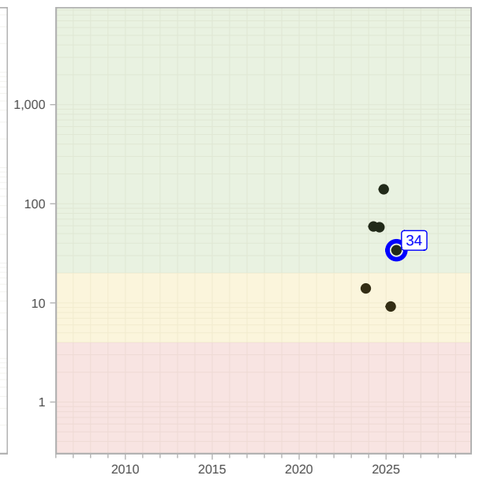
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



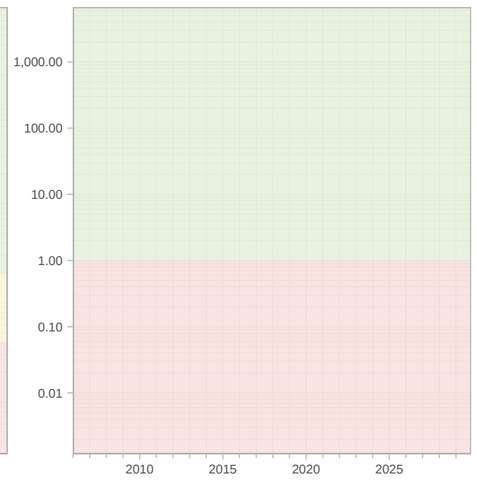
No Data

Total Organic Carbon (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids



No Data

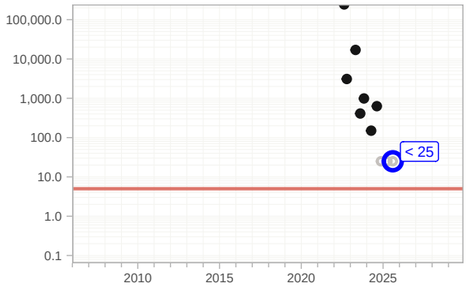
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

C−2 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

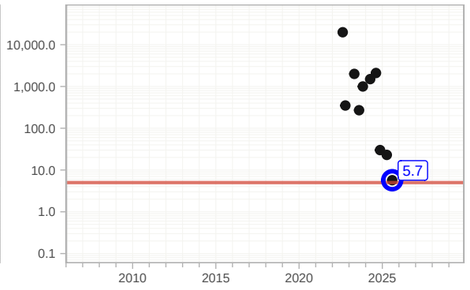
NYS GWQS = 5 ug/L



All | N = 10; ND = 3; %ND = 30; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

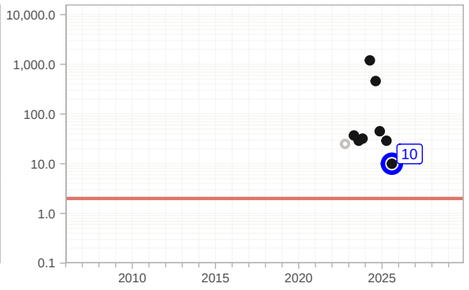
NYS GWQS = 5 ug/L



All | N = 10; ND = 0; %ND = 0; M−K = decreasing

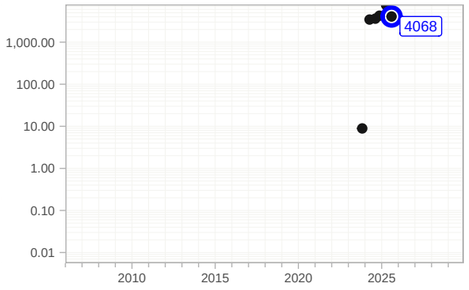
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



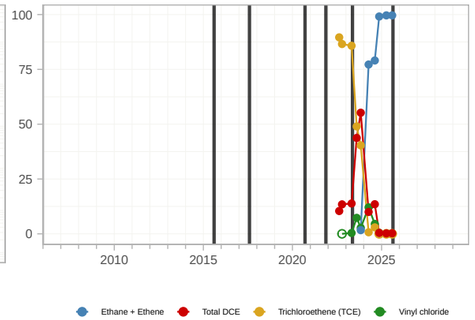
All | N = 9; ND = 1; %ND = 11.1; M−K = no trend

Ethane + Ethene (ug/L)



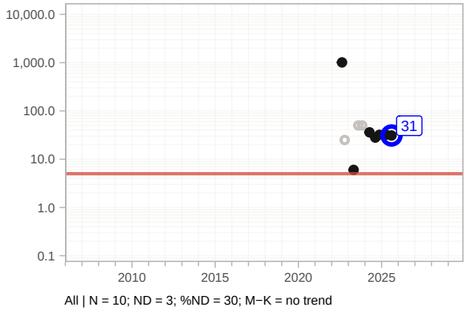
All | N = 6; ND = 0; %ND = 0; M−K = probably increasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

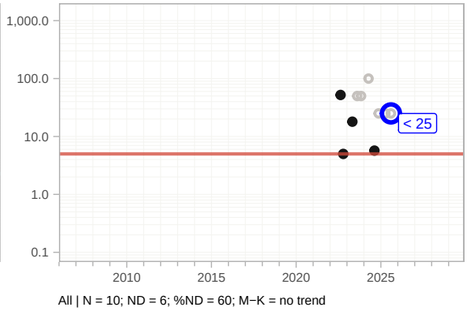
NYS GWQS = 5 ug/L



All | N = 10; ND = 3; %ND = 30; M−K = no trend

Dichloroethene (1,1−) (ug/L)

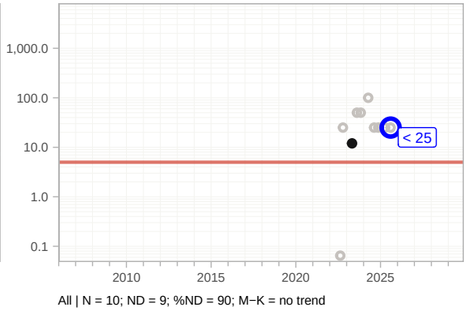
NYS GWQS = 5 ug/L



All | N = 10; ND = 6; %ND = 60; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

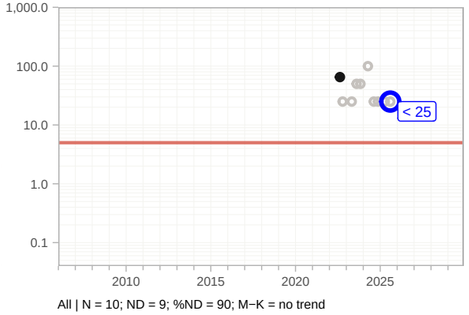
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Carbon tetrachloride (ug/L)

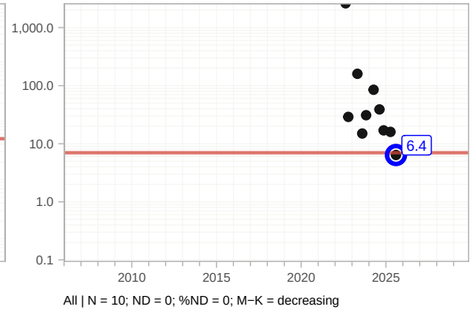
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

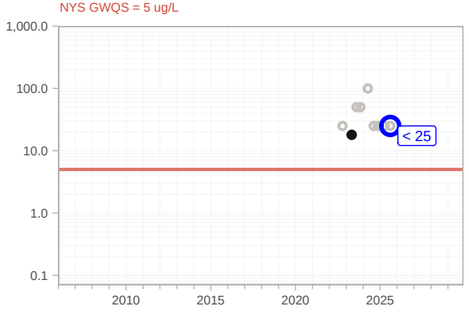
NYS GWQS = 7 ug/L



All | N = 10; ND = 0; %ND = 0; M−K = decreasing

Methylene Chloride (Dichloromethane) (ug/L

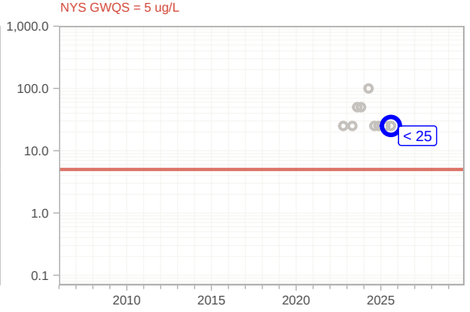
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Chloromethane (ug/L)

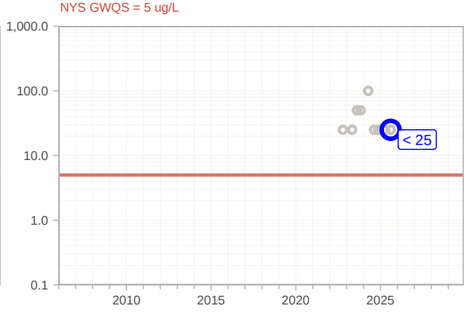
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

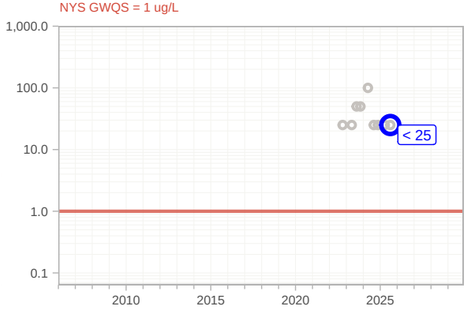
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

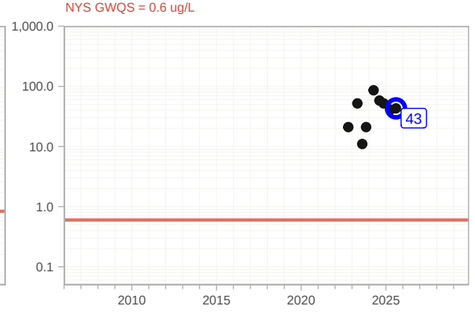
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

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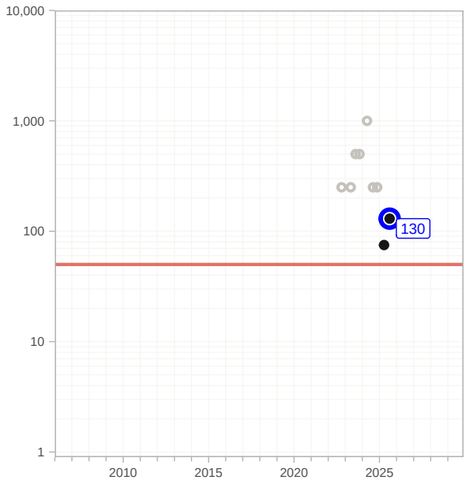
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

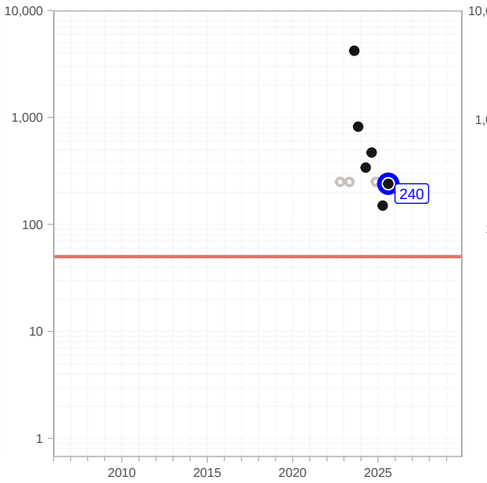
C−2 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



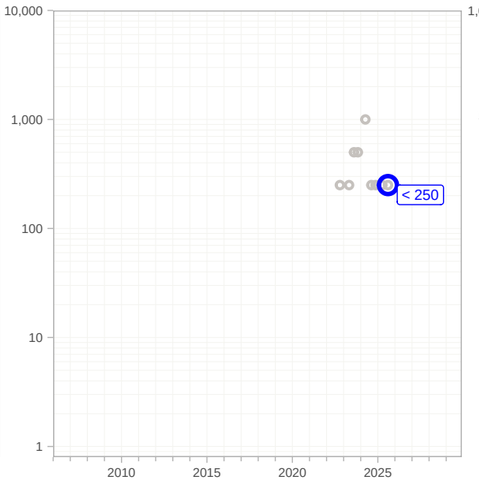
All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Butanone (2−) (MEK) (ug/L)



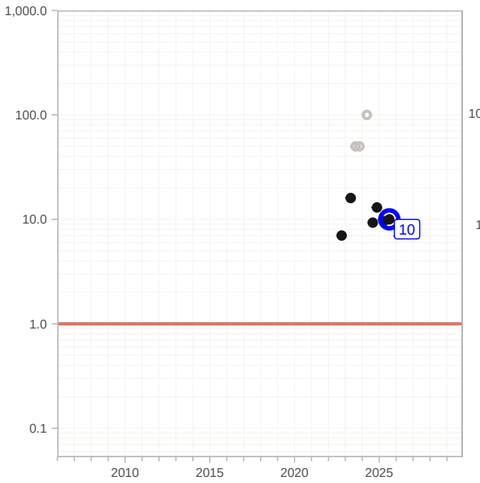
All | N = 9; ND = 3; %ND = 33.3; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



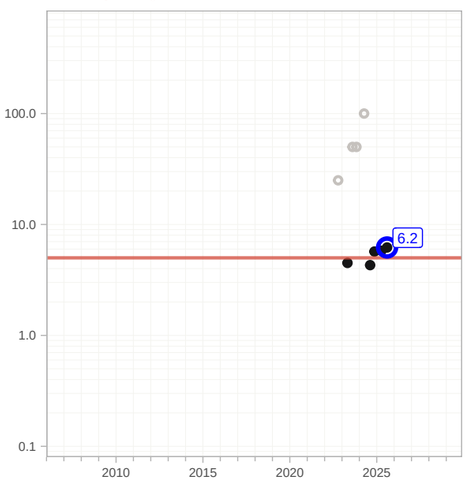
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)



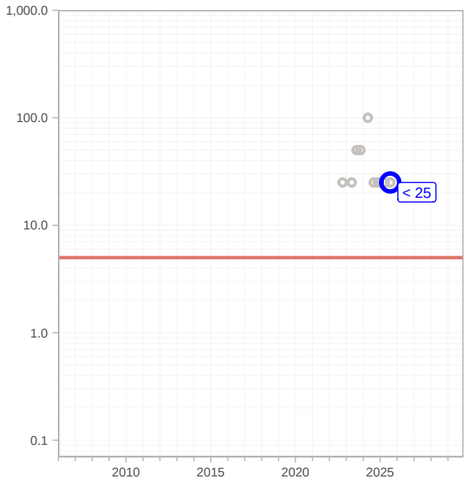
All | N = 9; ND = 3; %ND = 33.3; M−K = stable

Toluene (ug/L)



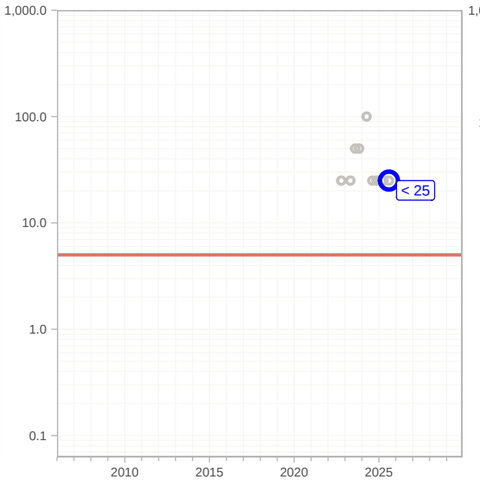
All | N = 9; ND = 4; %ND = 44.4; M−K = stable

Ethylbenzene (ug/L)



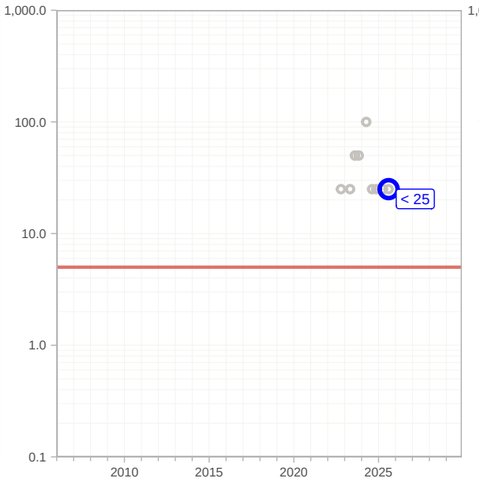
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



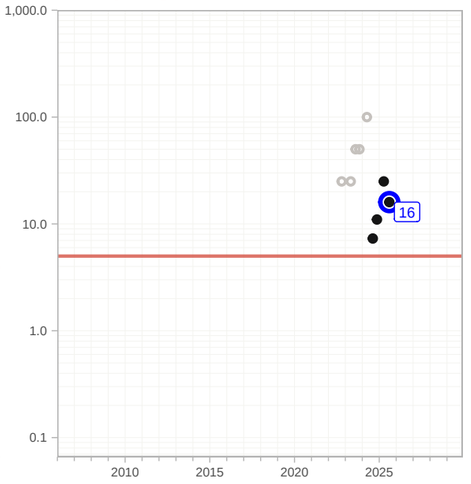
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 9; ND = 5; %ND = 55.6; M−K = stable

Notes:
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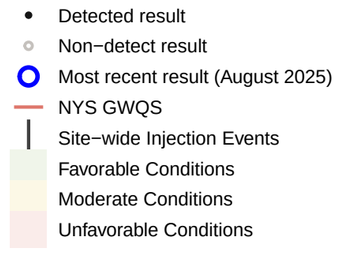
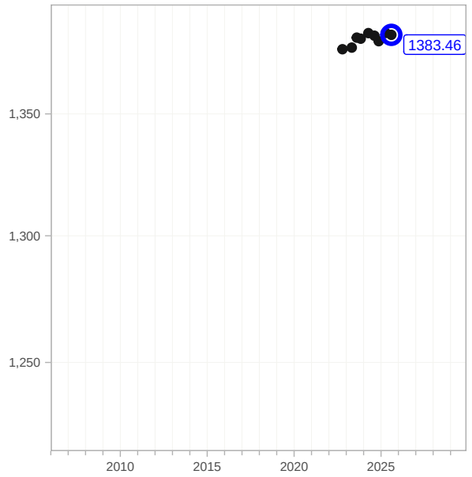


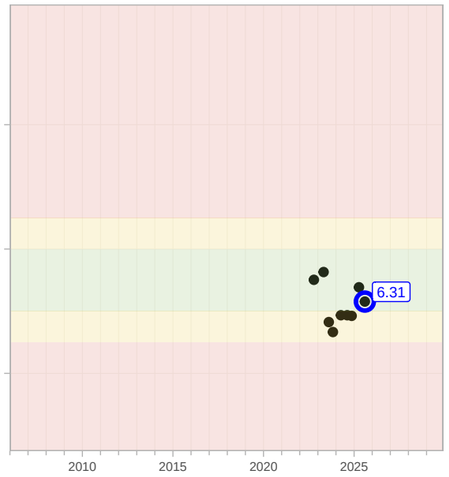
C−2 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



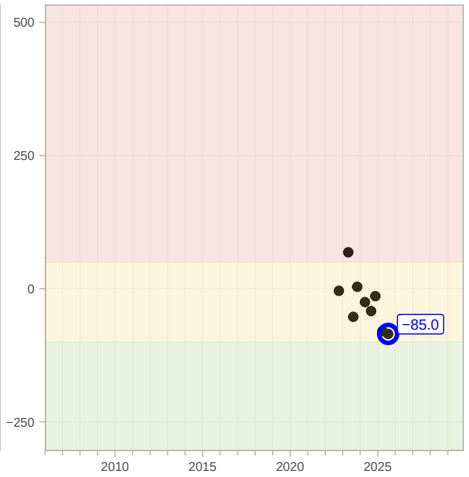
All | N = 9; ND = 0; %ND = 0; M−K = increasing

pH (SU)



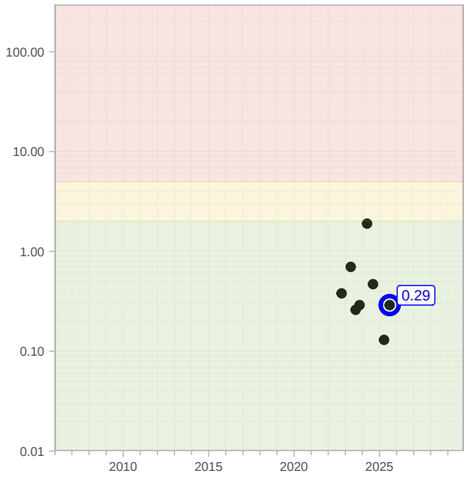
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



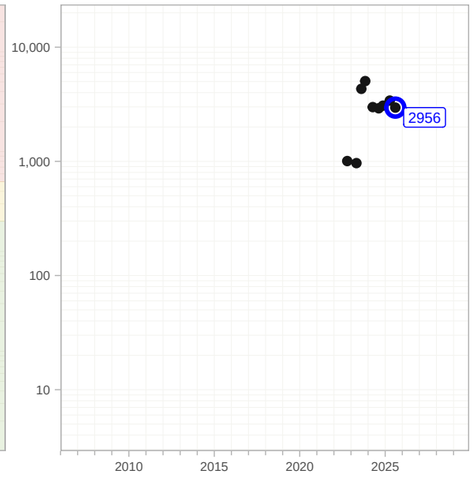
All | N = 9; ND = 0; %ND = 0; M−K = decreasing

Dissolved Oxygen (mg/L)



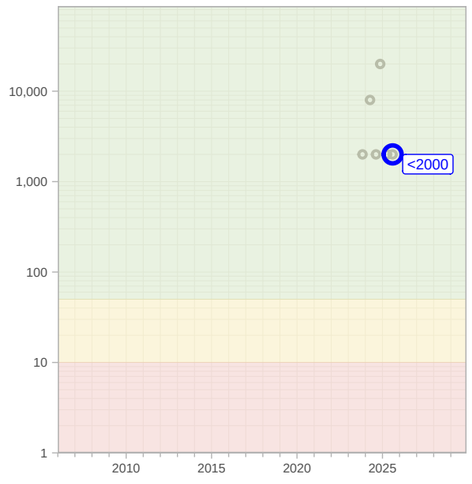
All | N = 8; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



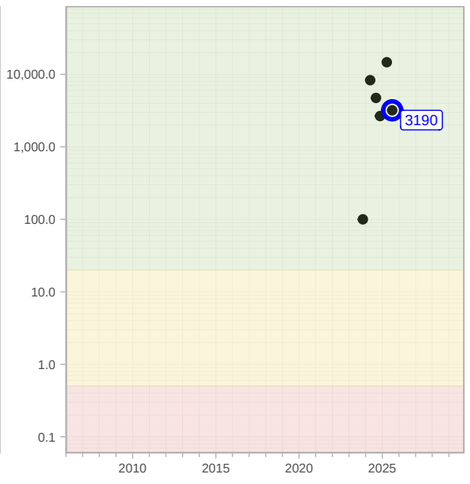
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



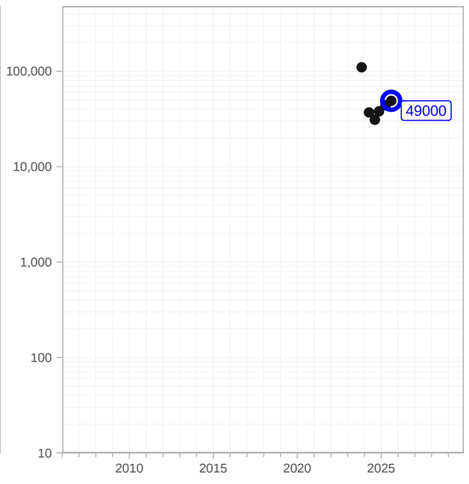
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Methane (ug/L)



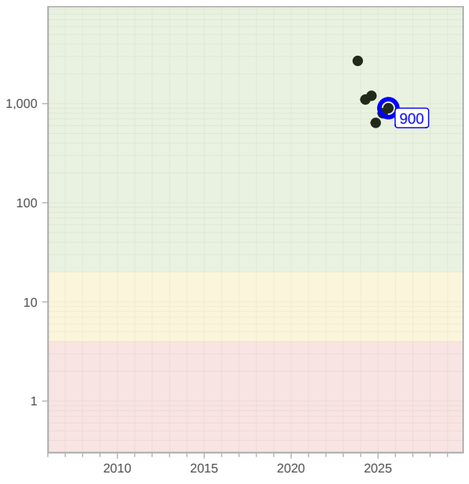
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Iron − Ferrous (ug/L)



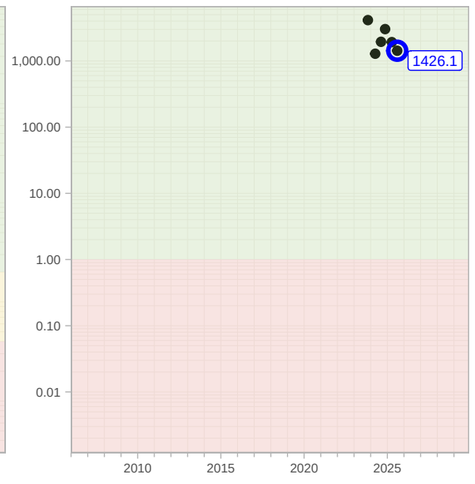
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = no trend

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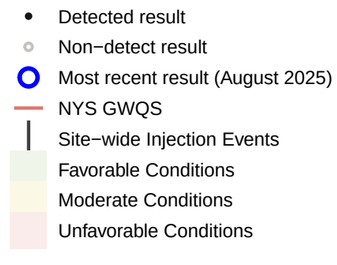
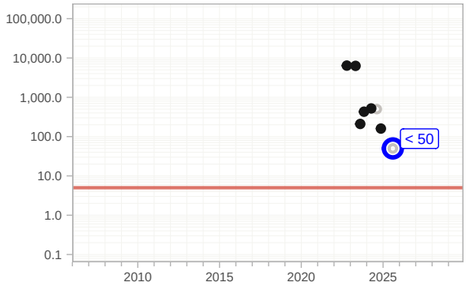


C−3 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

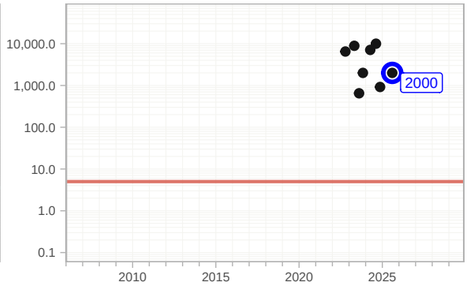
NYS GWQS = 5 ug/L



All | N = 8; ND = 2; %ND = 25; M−K = decreasing

Dichloroethene (cis−1,2−) (ug/L)

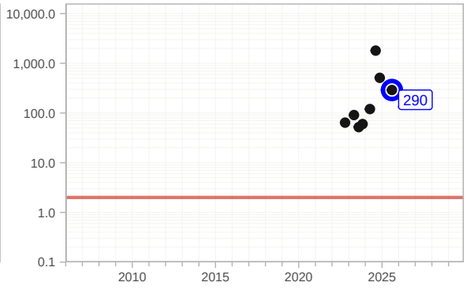
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = stable

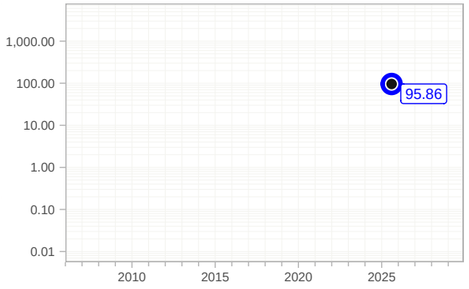
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



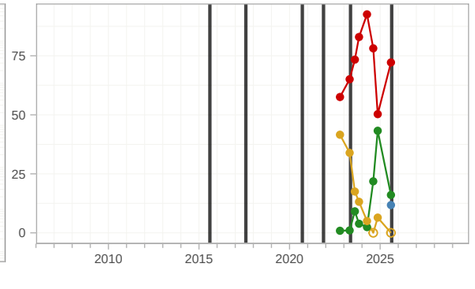
All | N = 8; ND = 0; %ND = 0; M−K = no trend

Ethane + Ethene (ug/L)



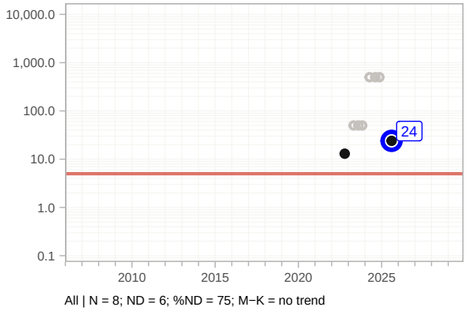
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

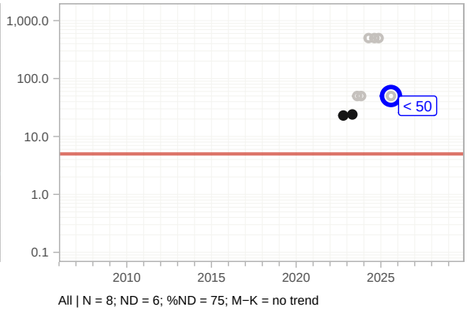
NYS GWQS = 5 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Dichloroethene (1,1−) (ug/L)

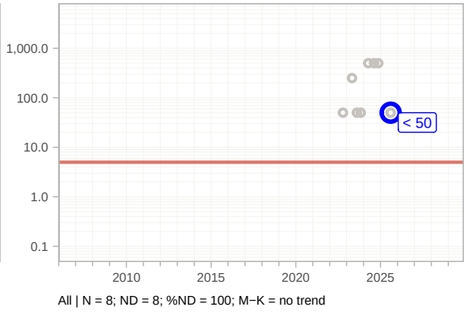
NYS GWQS = 5 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

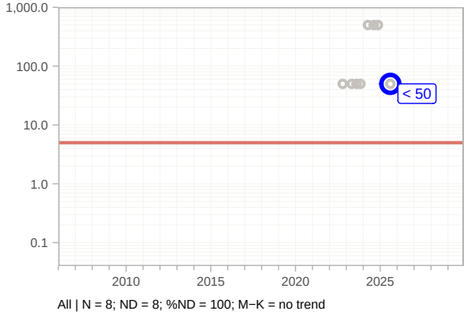
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

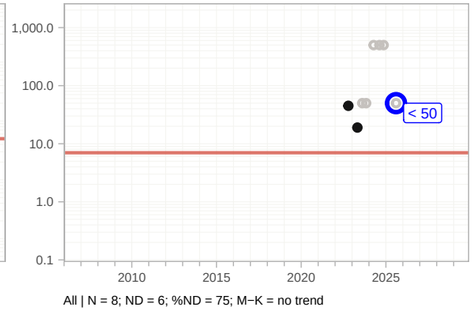
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

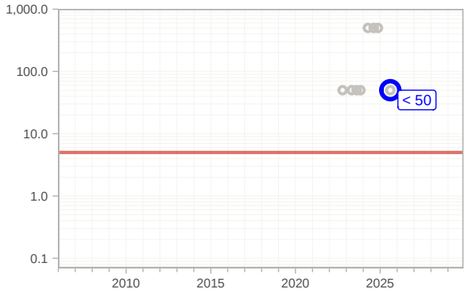
NYS GWQS = 7 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

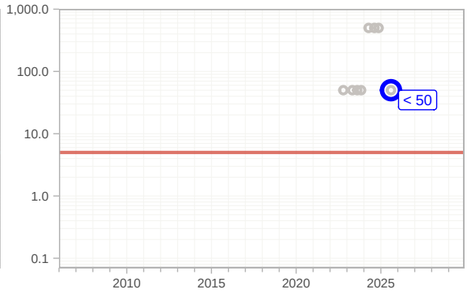
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloromethane (ug/L)

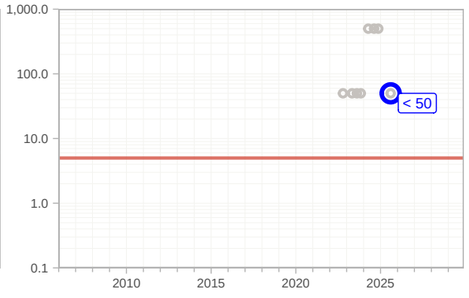
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

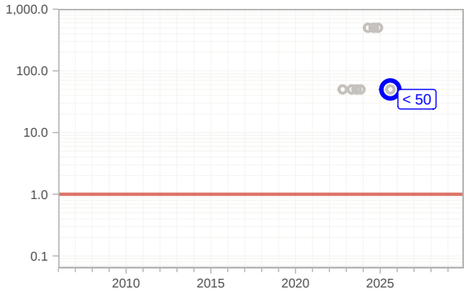
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

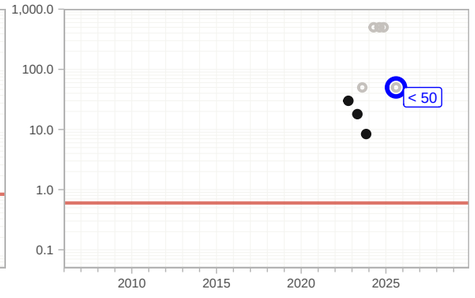
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Notes:
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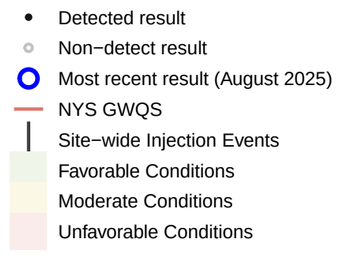

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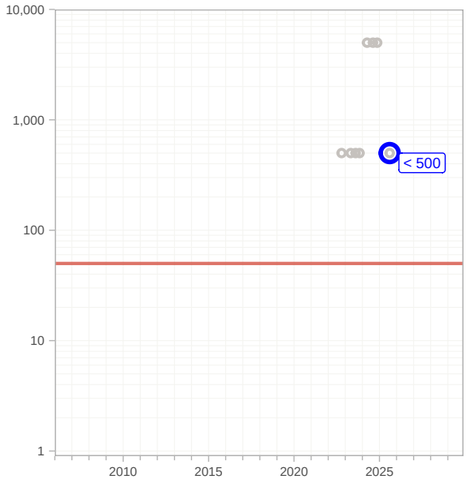
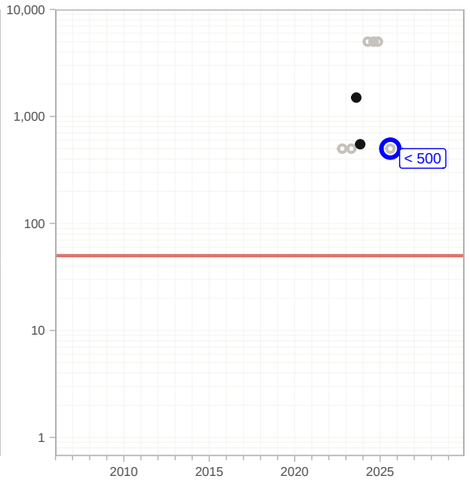
Acetone (ug/L)



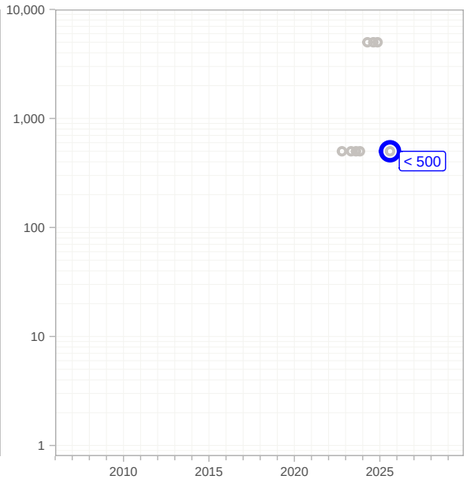
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Butanone (2−) (MEK) (ug/L)



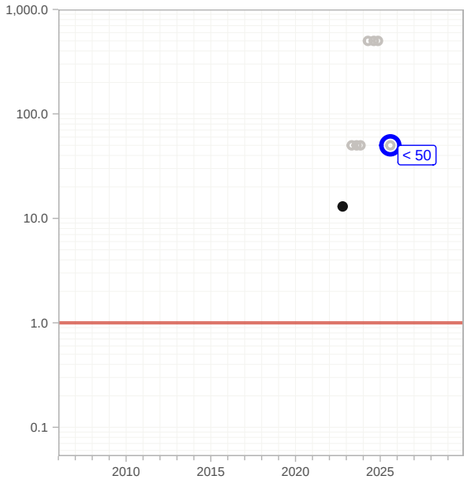
All | N = 8; ND = 6; %ND = 75; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



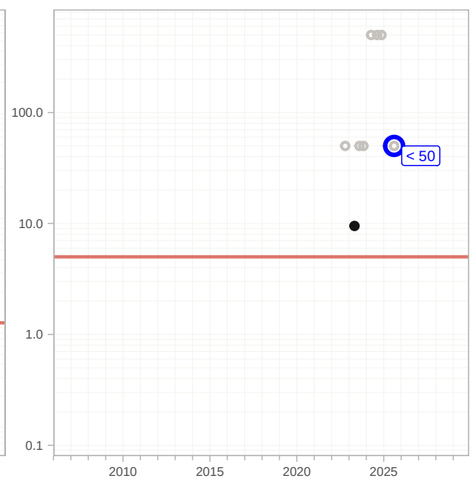
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)



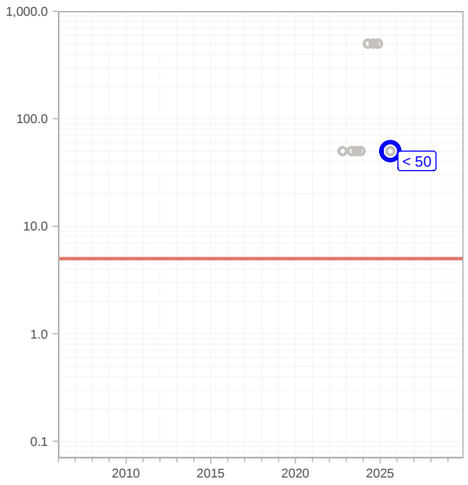
All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Toluene (ug/L)



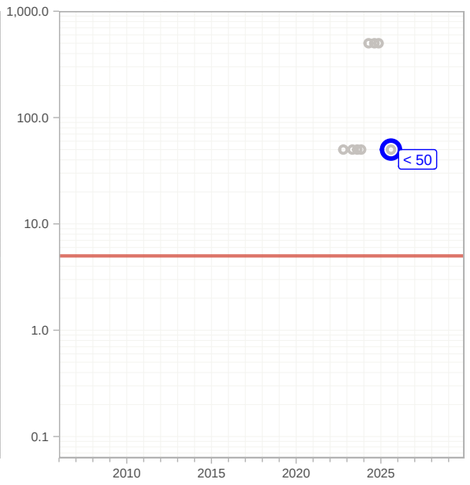
All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Ethylbenzene (ug/L)



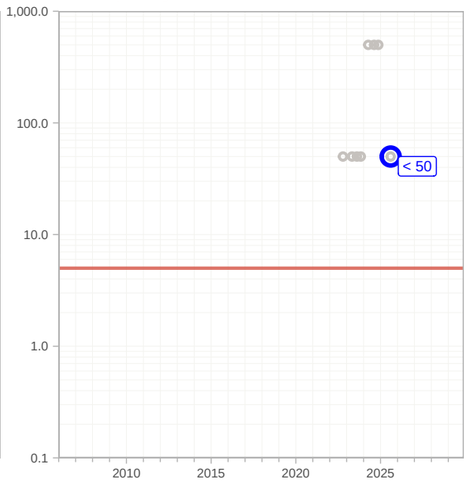
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



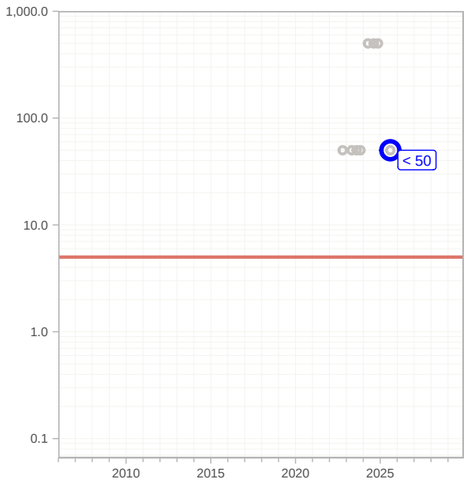
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

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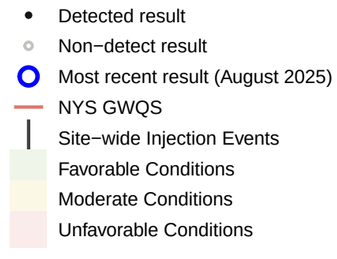
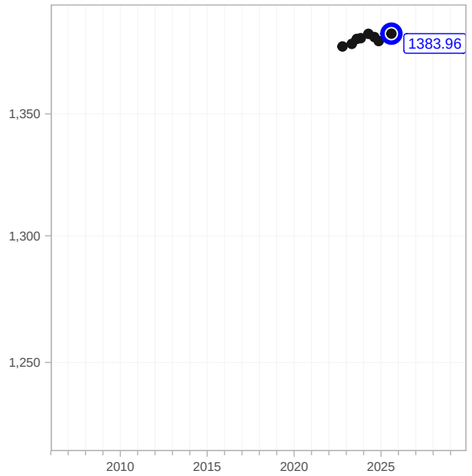


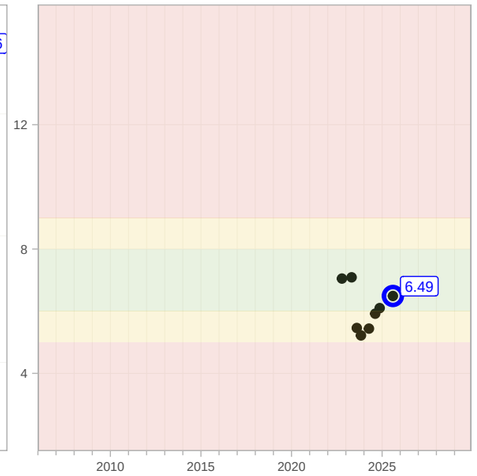
C−3 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



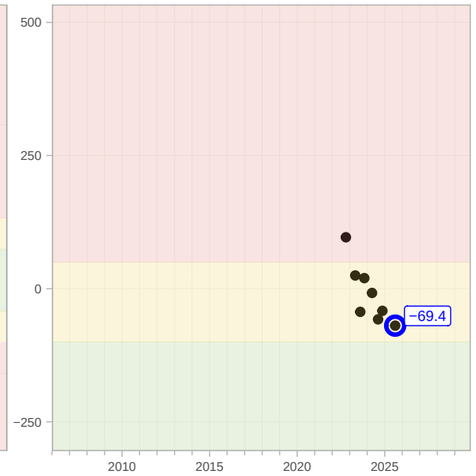
All | N = 8; ND = 0; %ND = 0; M−K = increasing

pH (SU)



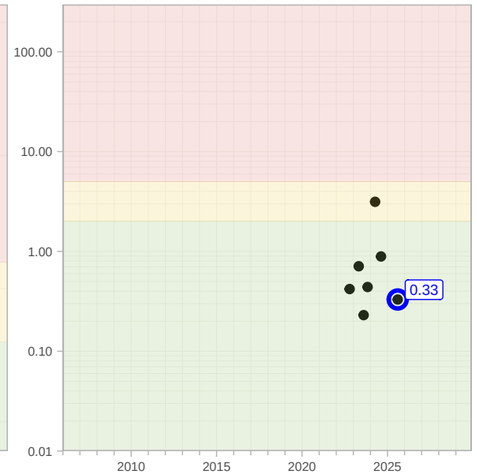
All | N = 8; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



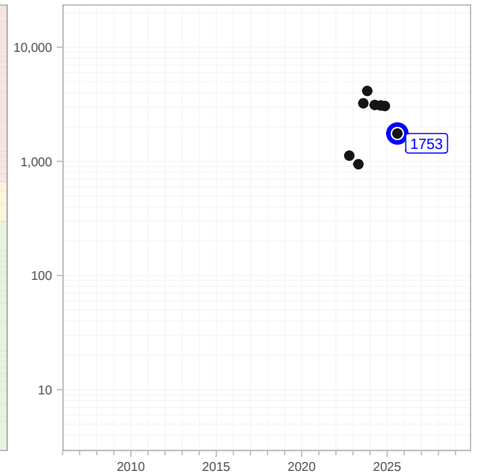
All | N = 8; ND = 0; %ND = 0; M−K = decreasing

Dissolved Oxygen (mg/L)



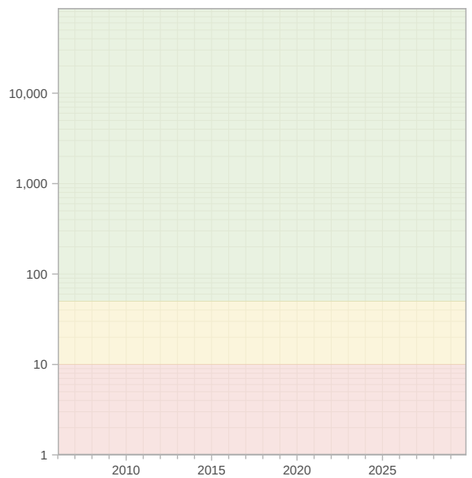
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



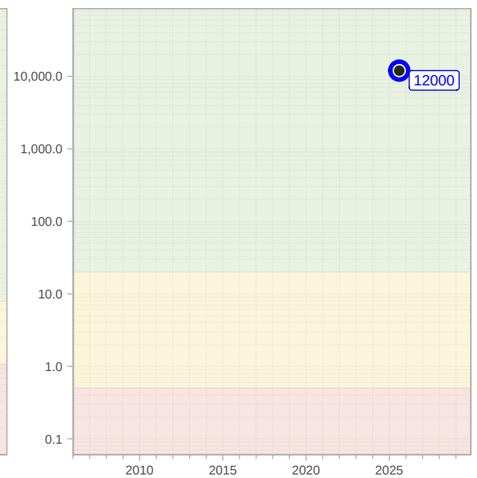
All | N = 8; ND = 0; %ND = 0; M−K = stable

Sulfide



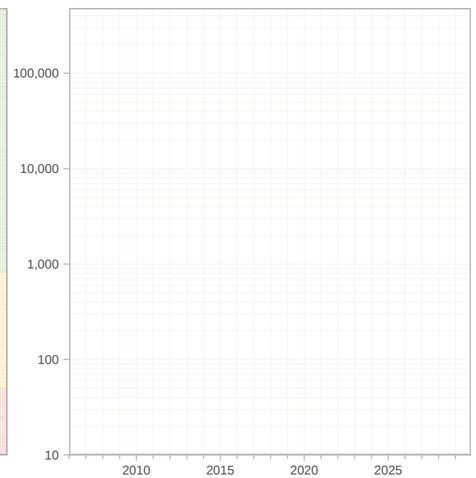
No Data

Methane (ug/L)



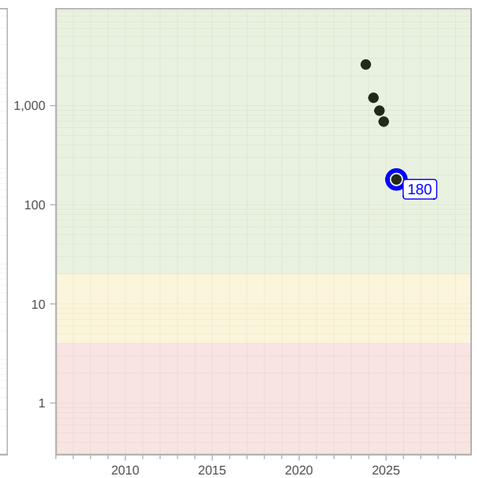
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



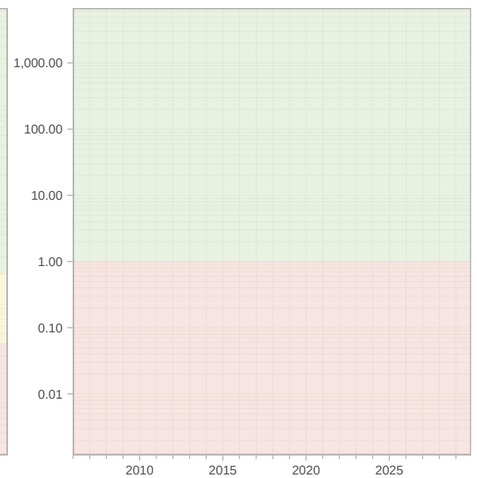
No Data

Total Organic Carbon (mg/L)



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

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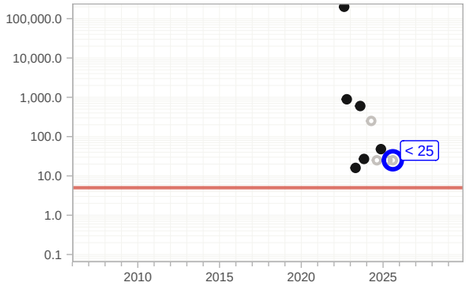
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

C−4 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

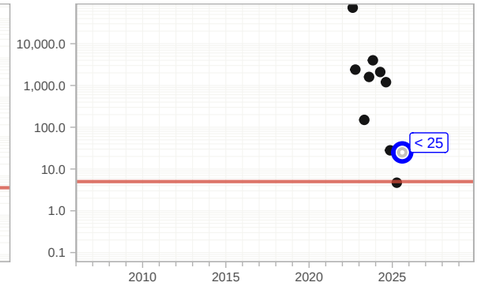
NYS GWQS = 5 ug/L



All | N = 10; ND = 4; %ND = 40; M−K = decreasing

Dichloroethene (cis−1,2−) (ug/L)

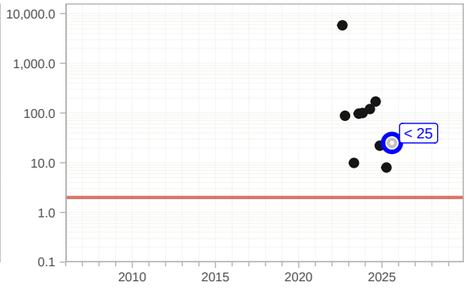
NYS GWQS = 5 ug/L



All | N = 10; ND = 1; %ND = 10; M−K = strong decreasing

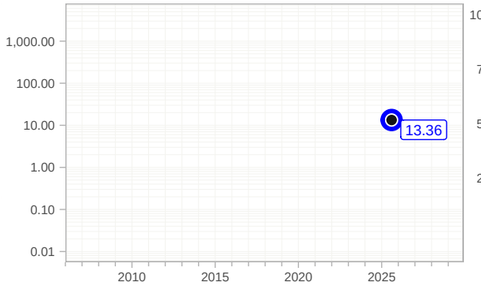
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



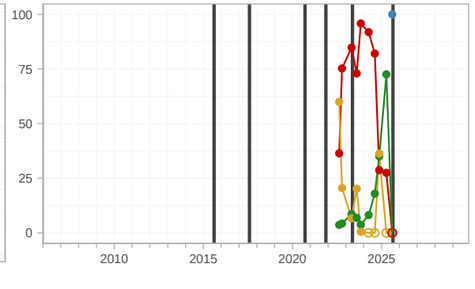
All | N = 10; ND = 1; %ND = 10; M−K = no trend

Ethane + Ethene (ug/L)



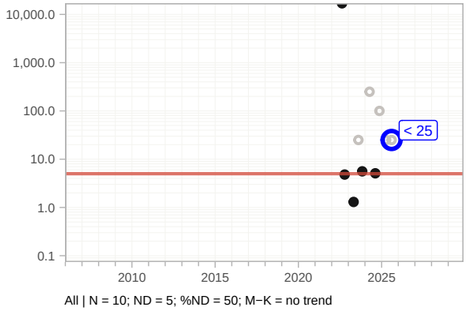
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

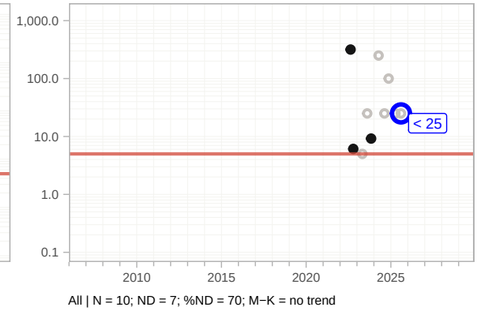
NYS GWQS = 5 ug/L



All | N = 10; ND = 5; %ND = 50; M−K = no trend

Dichloroethene (1,1−) (ug/L)

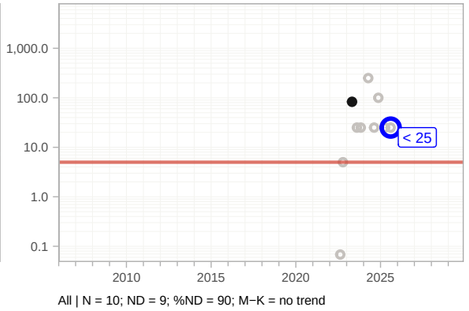
NYS GWQS = 5 ug/L



All | N = 10; ND = 7; %ND = 70; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

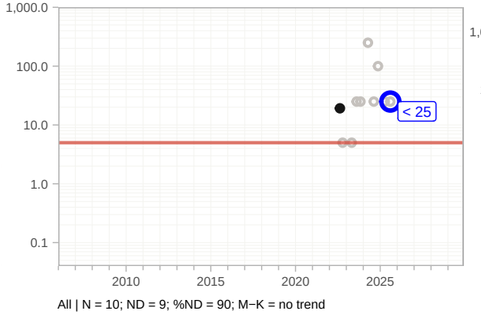
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Carbon tetrachloride (ug/L)

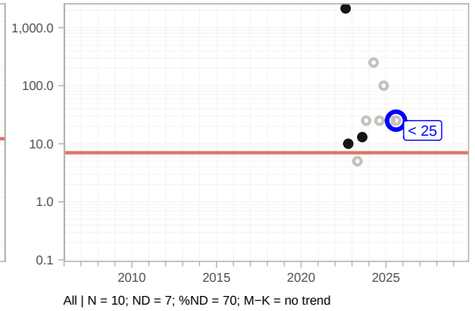
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

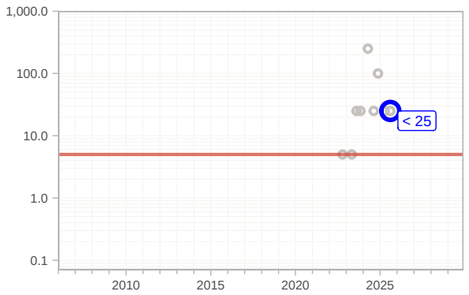
NYS GWQS = 7 ug/L



All | N = 10; ND = 7; %ND = 70; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

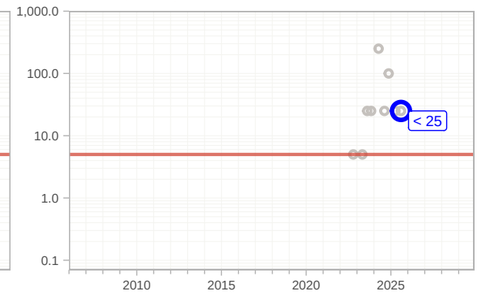
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloromethane (ug/L)

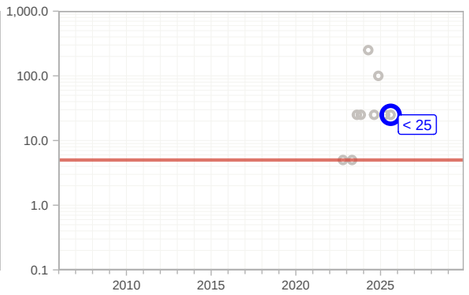
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

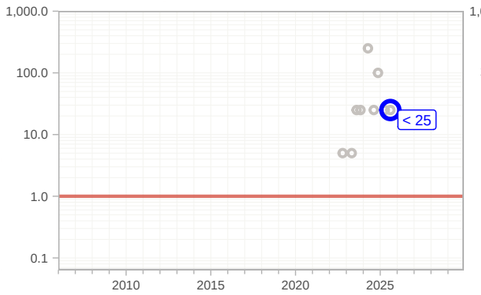
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

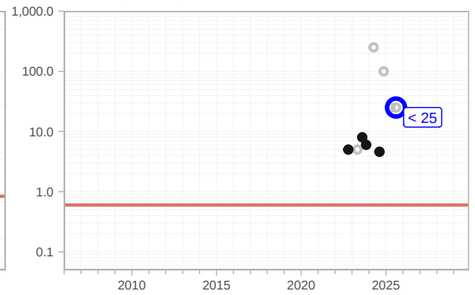
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 5; %ND = 55.6; M−K = stable

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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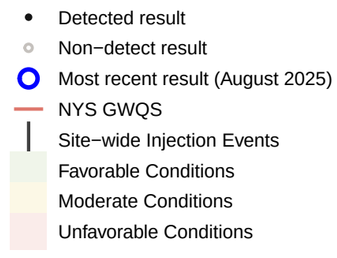

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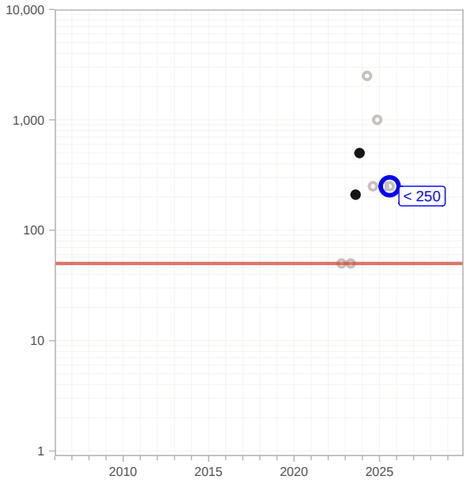
Acetone (ug/L)

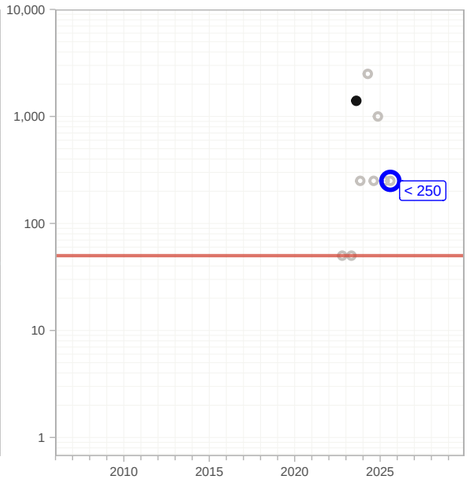
NYS GWQS = 50 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

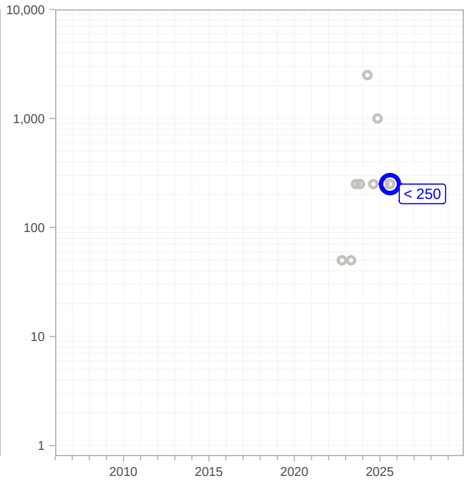
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

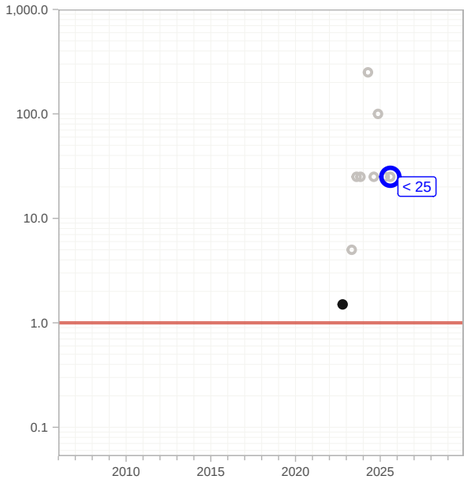
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)

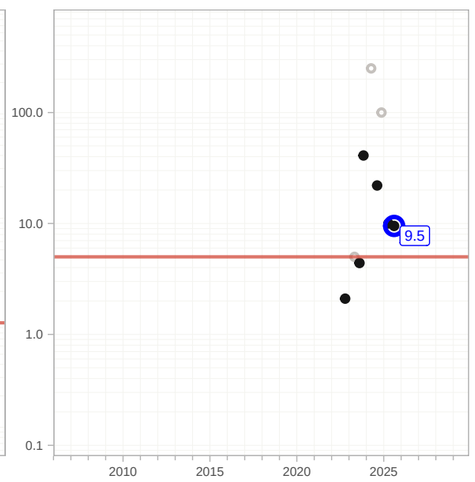
NYS GWQS = 1 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Toluene (ug/L)

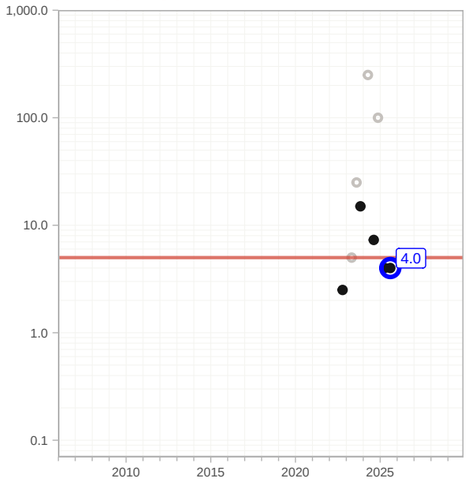
NYS GWQS = 5 ug/L



All | N = 9; ND = 3; %ND = 33.3; M−K = no trend

Ethylbenzene (ug/L)

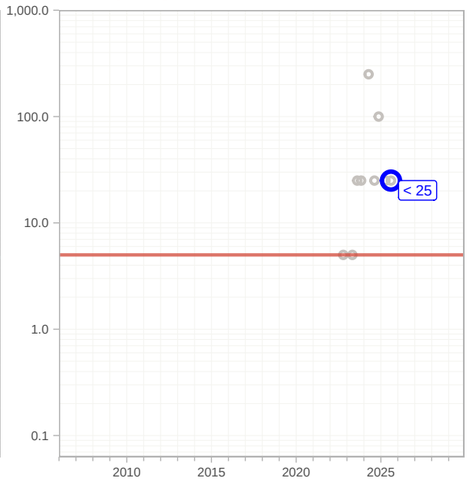
NYS GWQS = 5 ug/L



All | N = 9; ND = 4; %ND = 44.4; M−K = stable

Isopropylbenzene (Cumene) (ug/L)

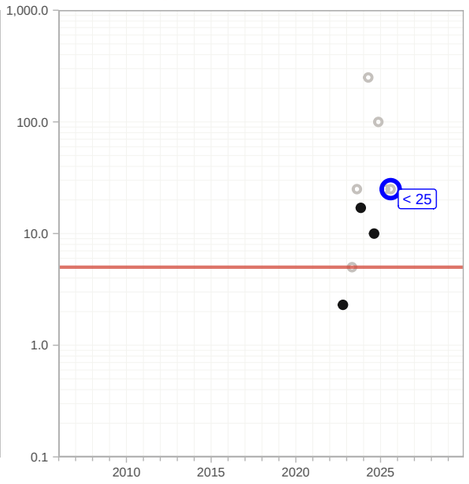
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

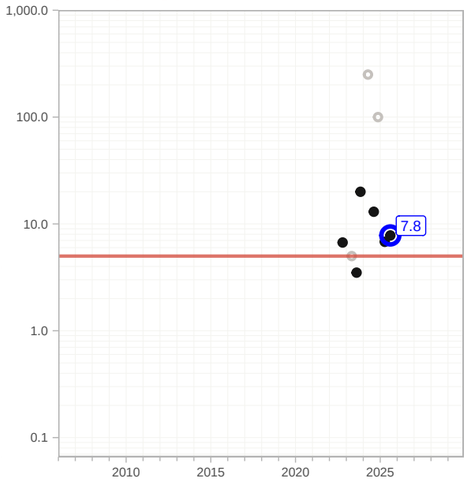
NYS GWQS = 5 ug/L



All | N = 9; ND = 6; %ND = 66.7; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 9; ND = 3; %ND = 33.3; M−K = stable

Notes:
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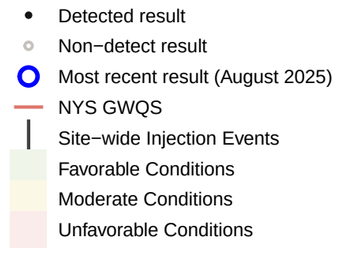
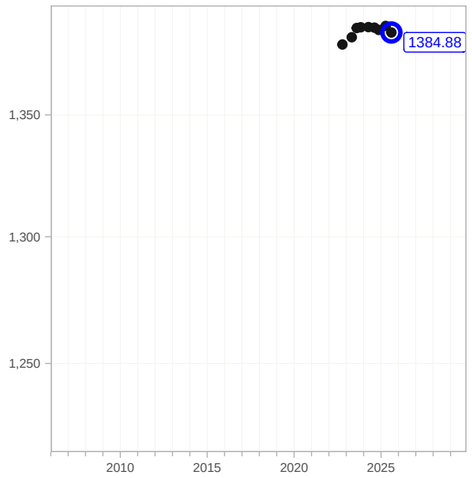


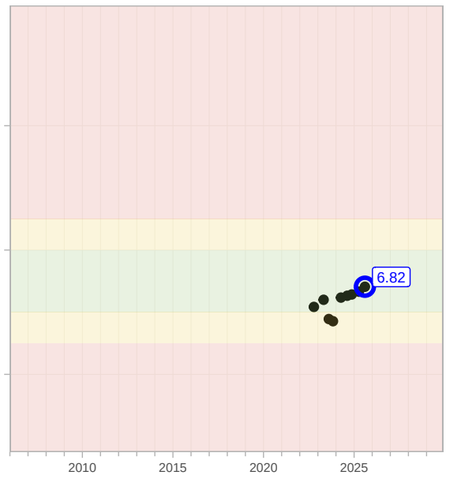
C−4 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



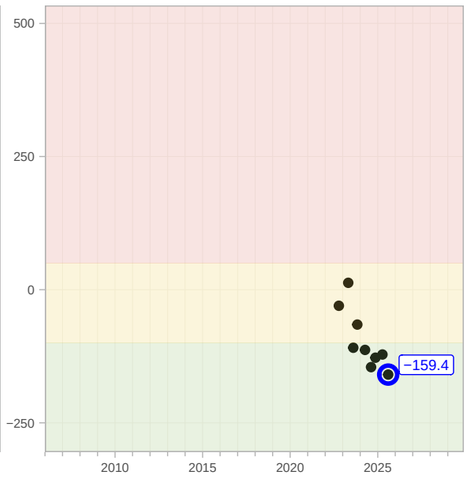
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



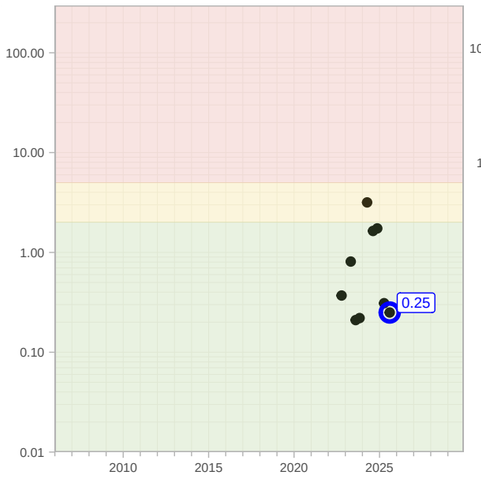
All | N = 9; ND = 0; %ND = 0; M−K = strong increasing

Oxidation/Reduction Potential (mV)



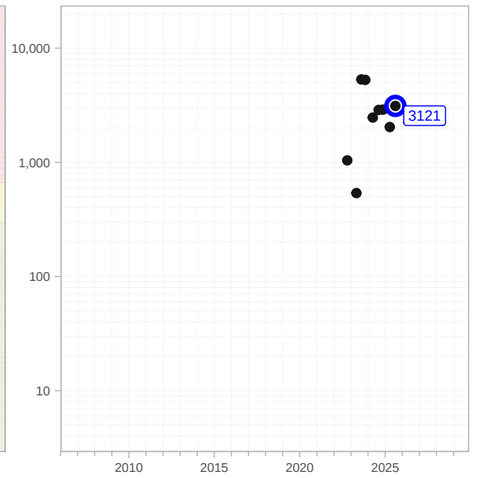
All | N = 9; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



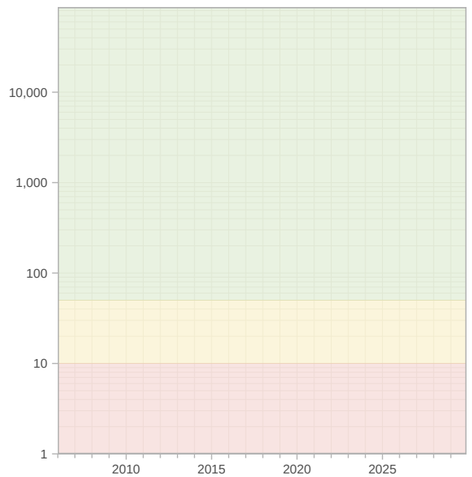
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



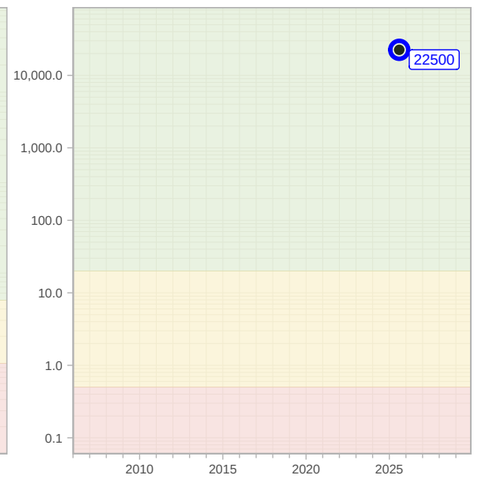
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide



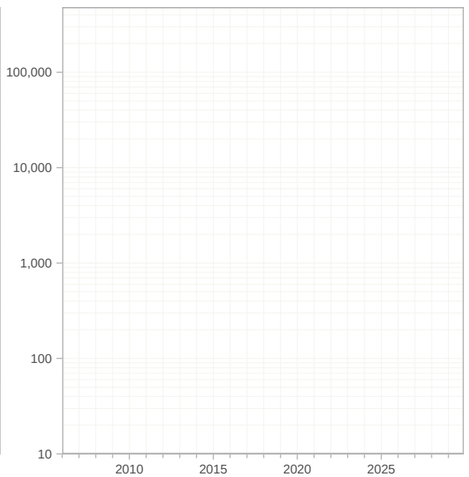
No Data

Methane (ug/L)



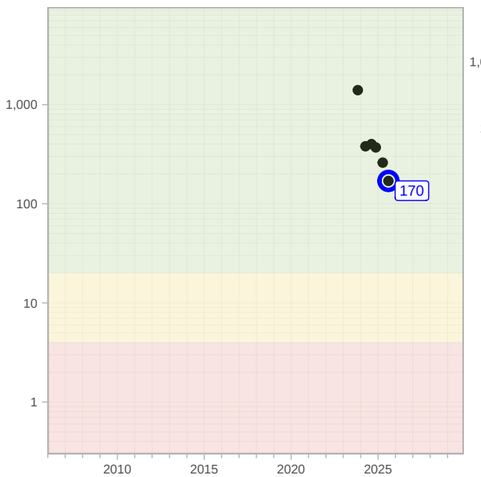
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



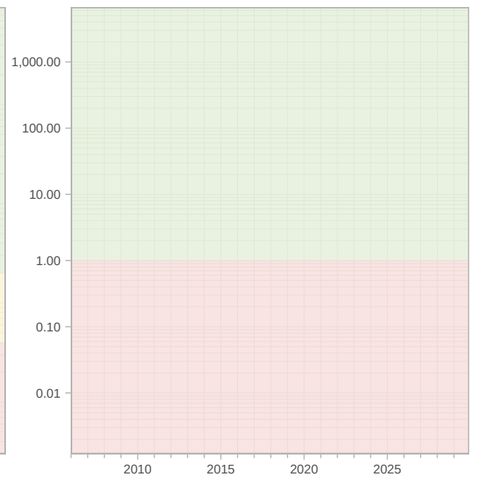
No Data

Total Organic Carbon (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = decreasing

Total Volatile Fatty Acids



No Data

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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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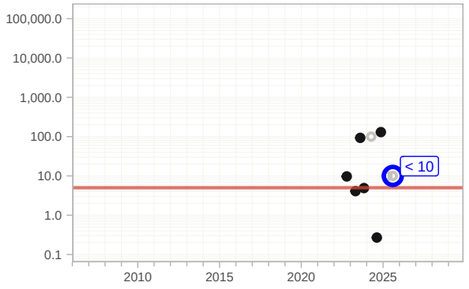
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

C−5 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

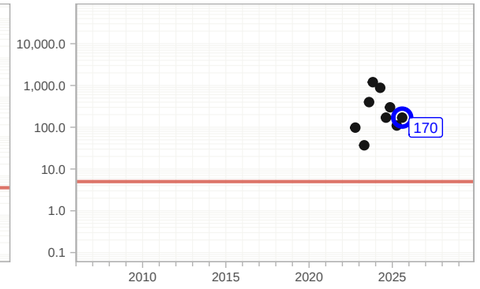
NYS GWQS = 5 ug/L



All | N = 9; ND = 3; %ND = 33.3; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

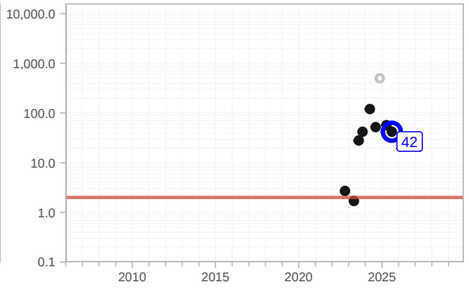
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = no trend

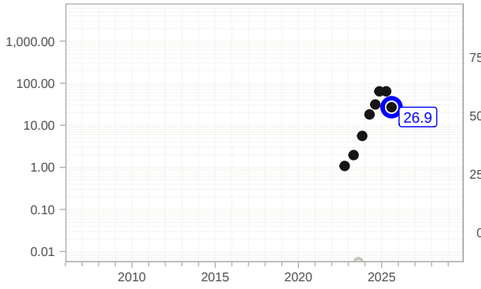
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



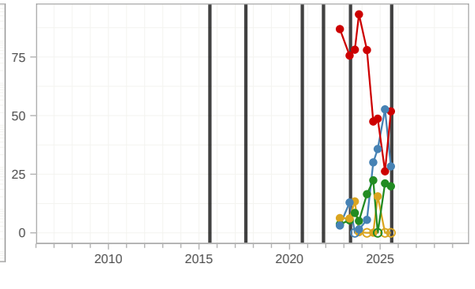
All | N = 9; ND = 1; %ND = 11.1; M−K = stable

Ethane + Ethene (ug/L)



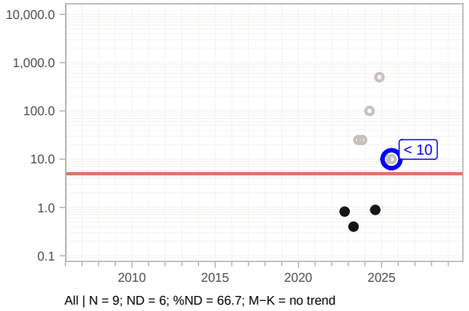
All | N = 9; ND = 1; %ND = 11.1; M−K = strong increasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

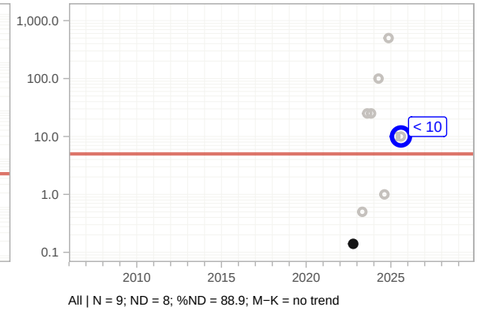
NYS GWQS = 5 ug/L



All | N = 9; ND = 6; %ND = 66.7; M−K = no trend

Dichloroethene (1,1−) (ug/L)

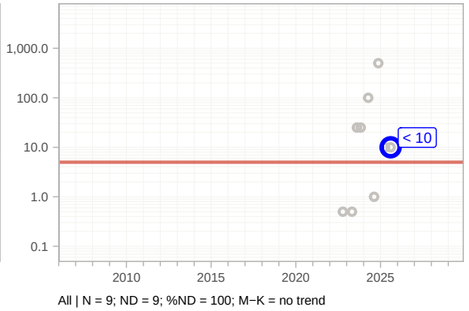
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

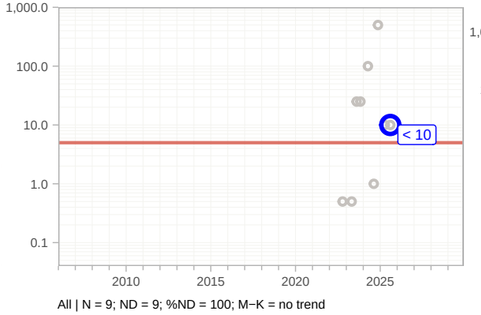
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

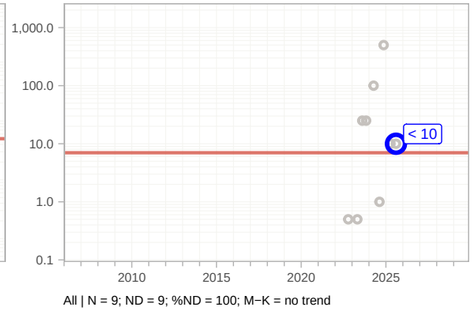
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

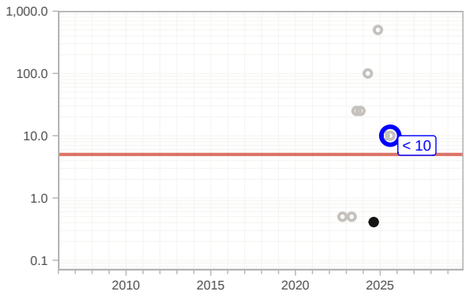
NYS GWQS = 7 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

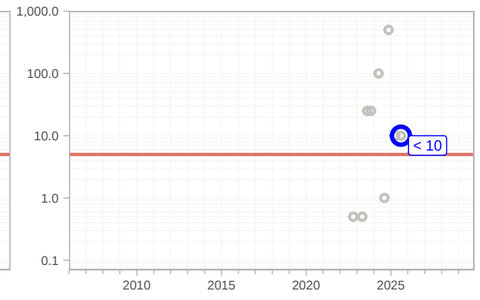
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Chloromethane (ug/L)

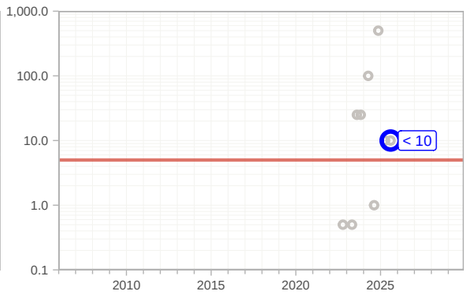
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

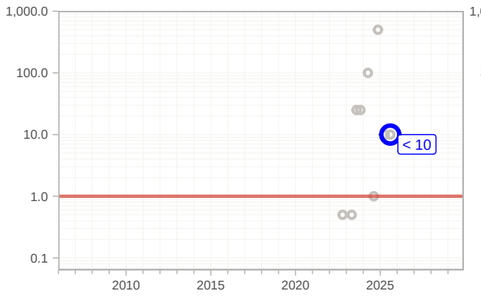
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

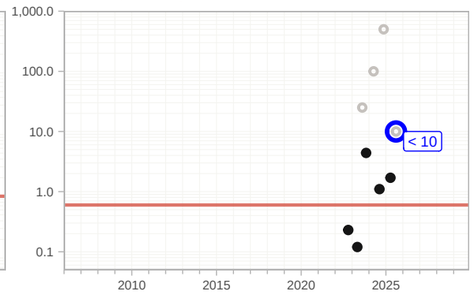
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 4; %ND = 44.4; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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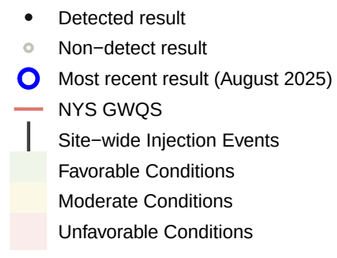
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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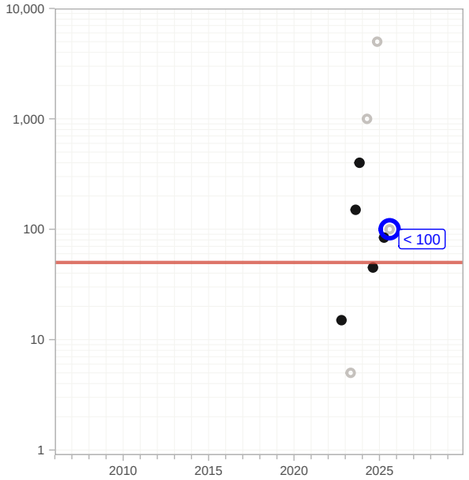
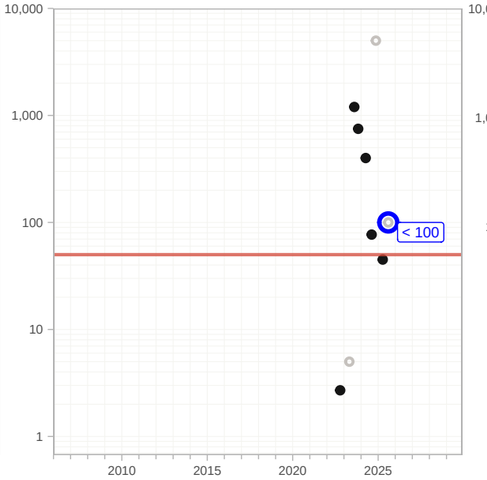
Acetone (ug/L)



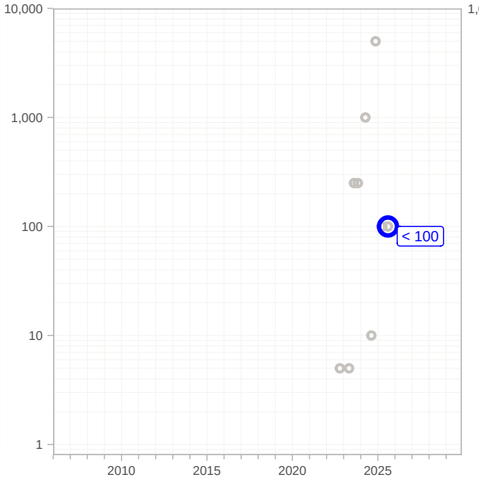
All | N = 9; ND = 4; %ND = 44.4; M−K = no trend

Butanone (2−) (MEK) (ug/L)



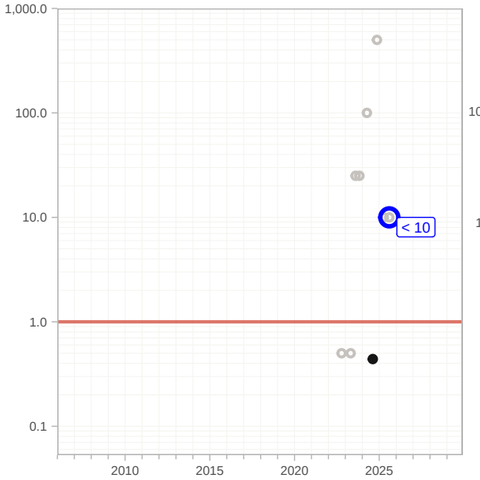
All | N = 9; ND = 3; %ND = 33.3; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



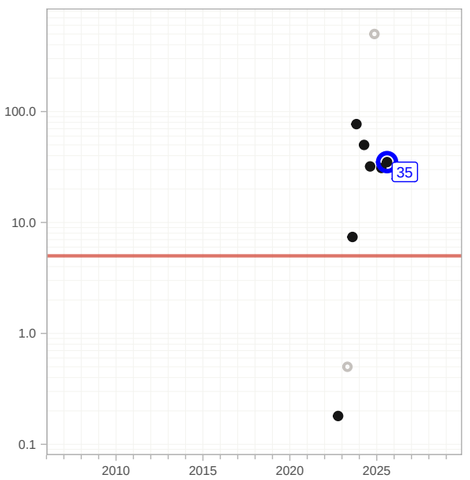
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)



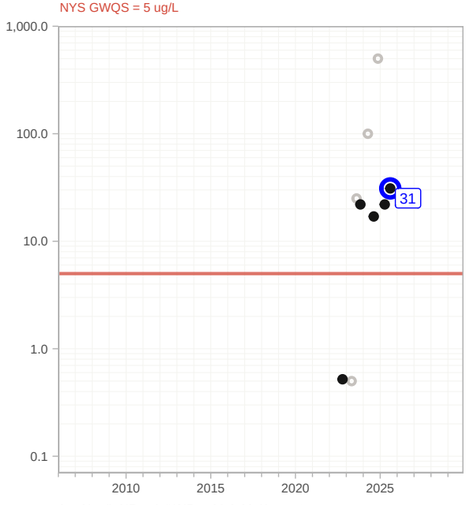
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Toluene (ug/L)



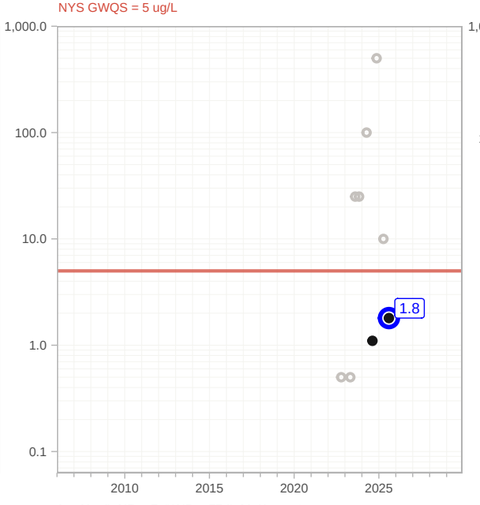
All | N = 9; ND = 2; %ND = 22.2; M−K = stable

Ethylbenzene (ug/L)



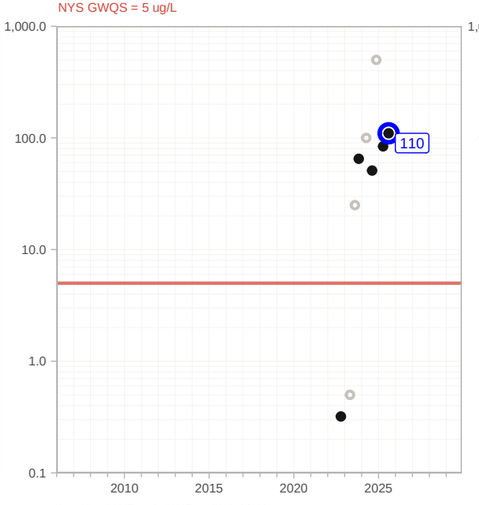
All | N = 9; ND = 4; %ND = 44.4; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 9; ND = 4; %ND = 44.4; M−K = probably increasing

Xylene (o−) (ug/L)

All | N = 9; ND = 2; %ND = 22.2; M−K = increasing

Notes:
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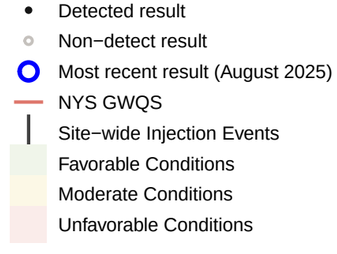

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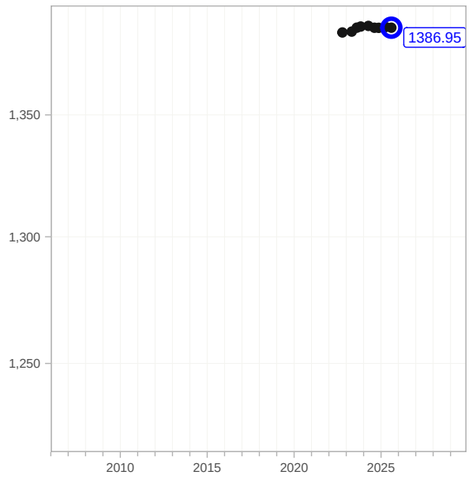
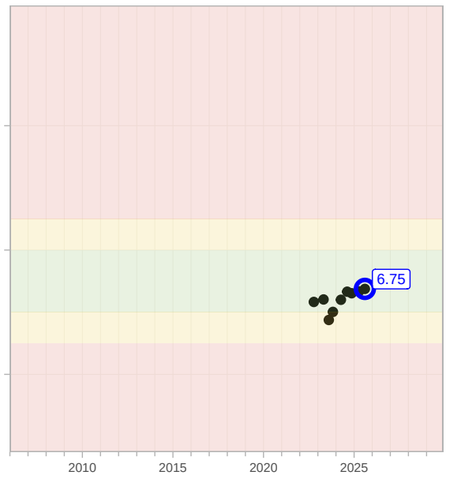
Groundwater Elevation (ft amsl)



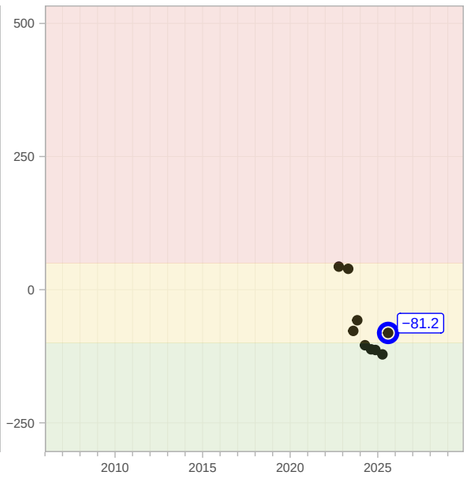
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



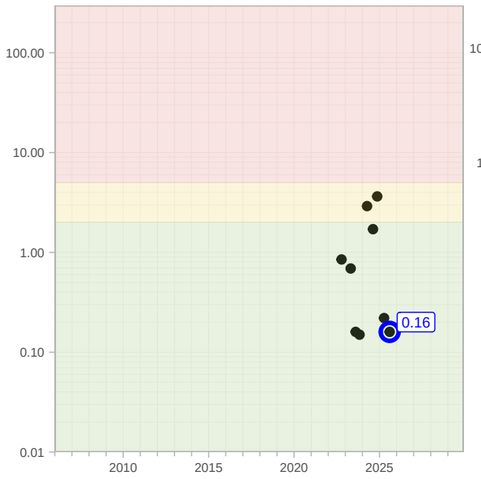
All | N = 9; ND = 0; %ND = 0; M−K = increasing

Oxidation/Reduction Potential (mV)



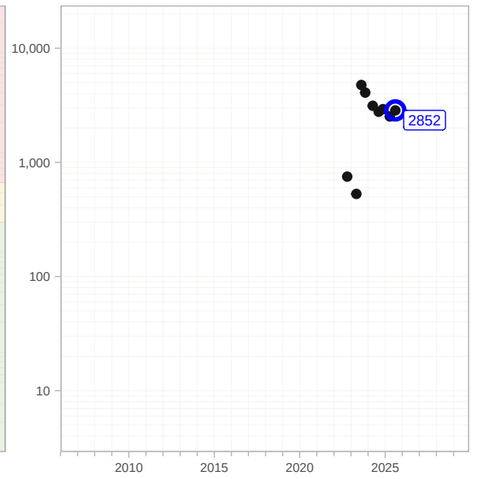
All | N = 9; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



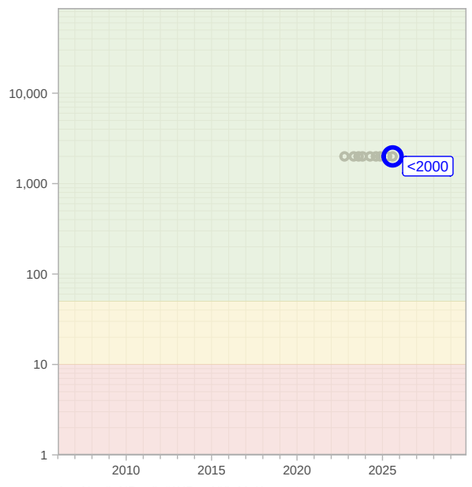
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



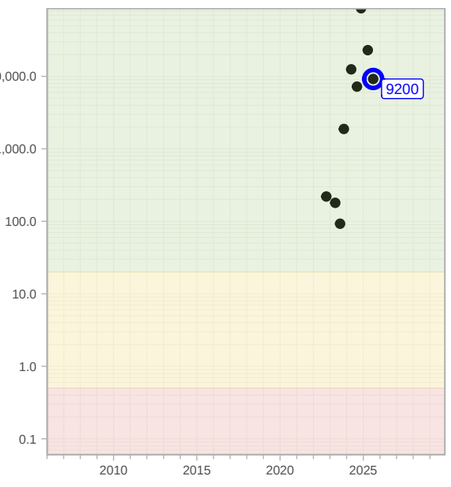
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



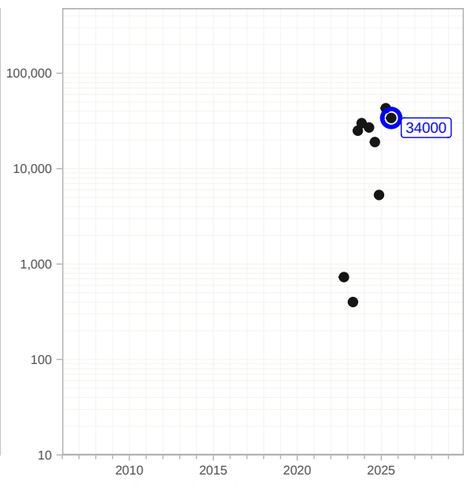
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Methane (ug/L)



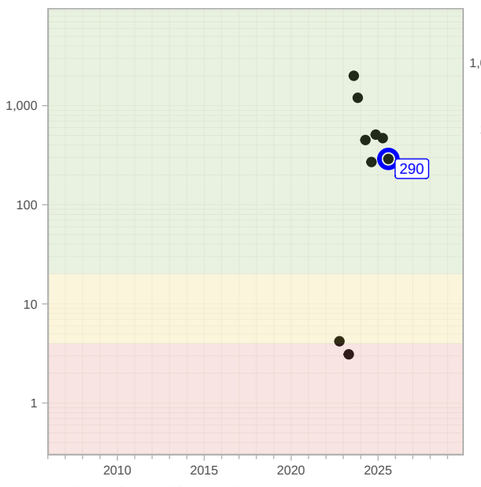
All | N = 9; ND = 0; %ND = 0; M−K = increasing

Iron − Ferrous (ug/L)



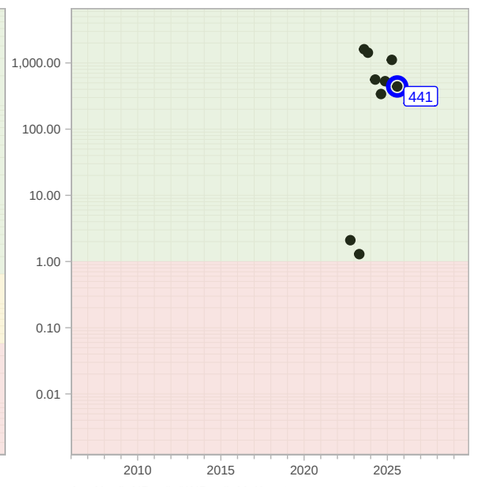
All | N = 9; ND = 0; %ND = 0; M−K = stable

Total Organic Carbon (mg/L)



All | N = 9; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 9; ND = 0; %ND = 0; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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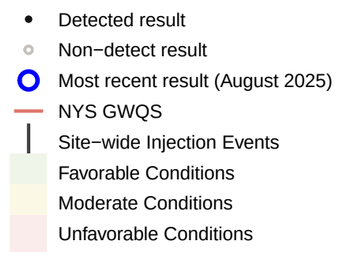
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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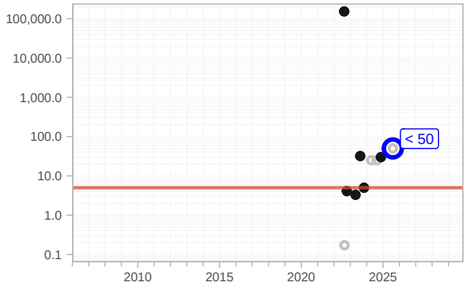
Trichloroethene (TCE) (ug/L)

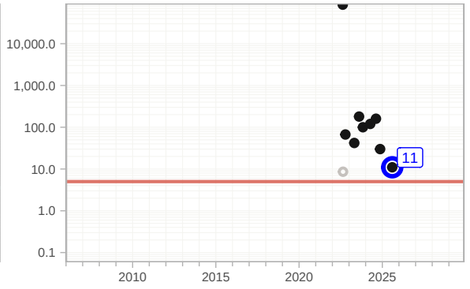
NYS GWQS = 5 ug/L



All | N = 10; ND = 4; %ND = 40; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

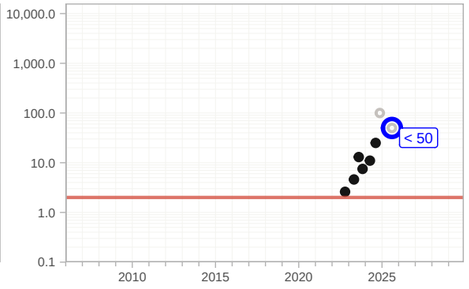
NYS GWQS = 5 ug/L



All | N = 10; ND = 1; %ND = 10; M−K = no trend

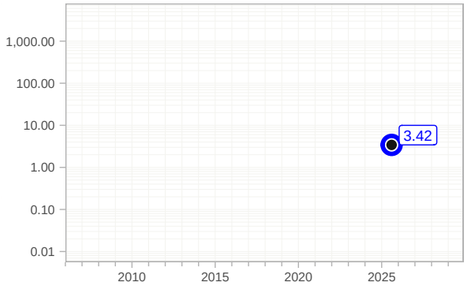
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



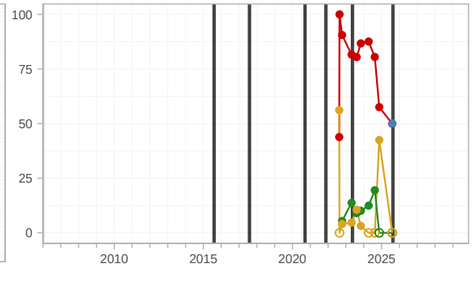
All | N = 8; ND = 2; %ND = 25; M−K = stable

Ethane + Ethene (ug/L)



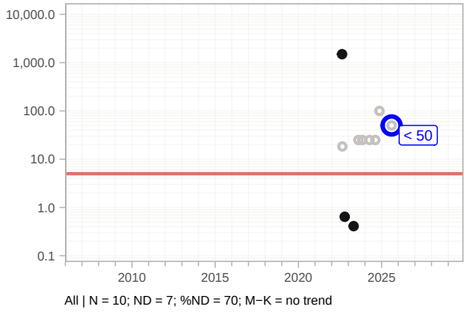
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

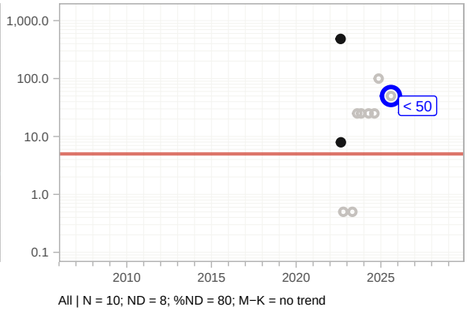
NYS GWQS = 5 ug/L



All | N = 10; ND = 7; %ND = 70; M−K = no trend

Dichloroethene (1,1−) (ug/L)

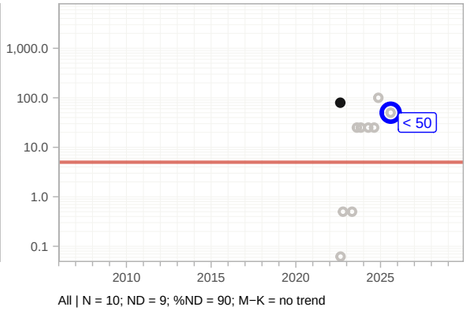
NYS GWQS = 5 ug/L



All | N = 10; ND = 8; %ND = 80; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

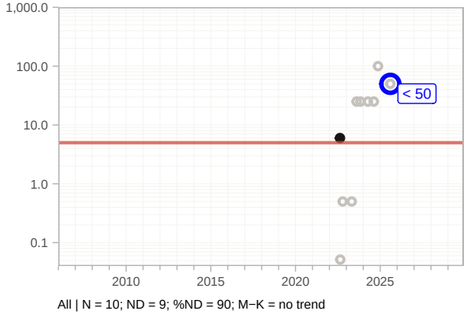
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Carbon tetrachloride (ug/L)

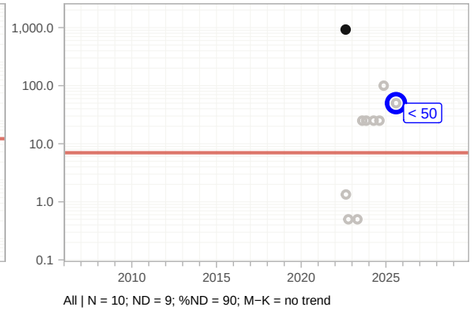
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

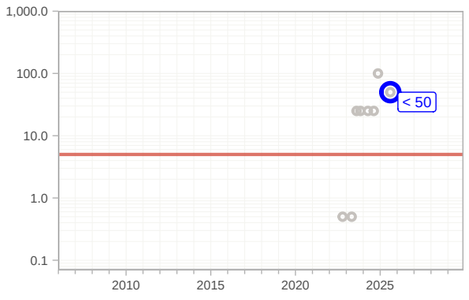
NYS GWQS = 7 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

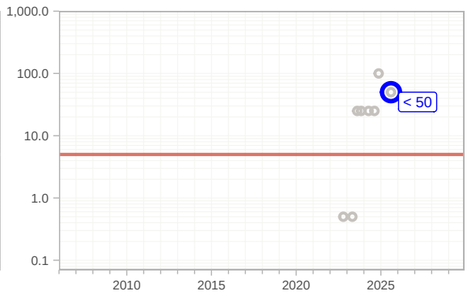
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloromethane (ug/L)

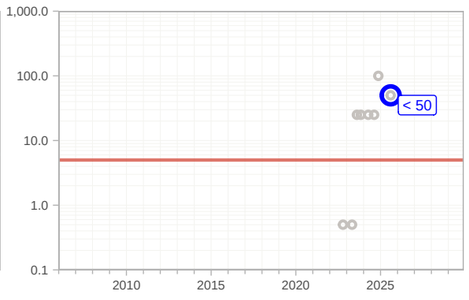
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

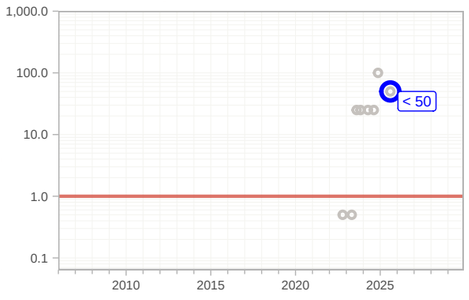
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

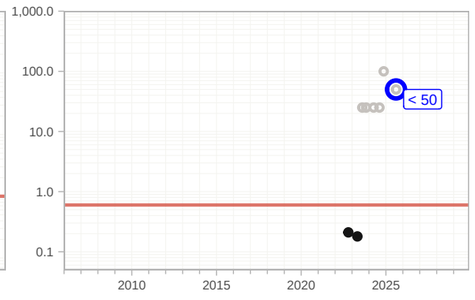
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

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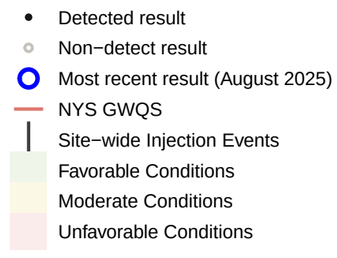
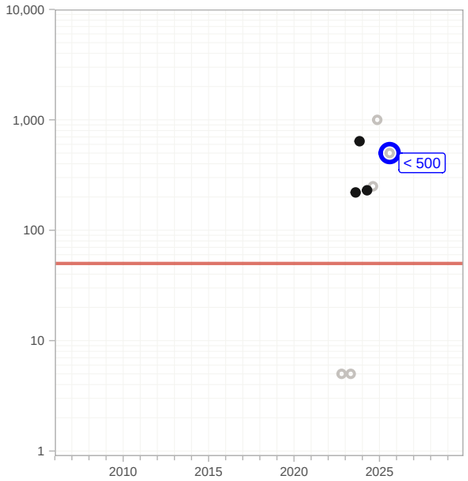
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



C−6 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

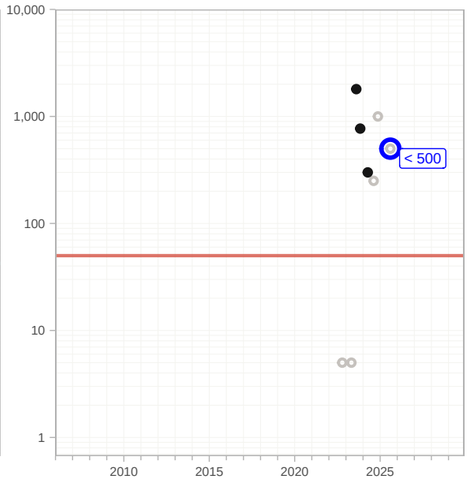
NYS GWQS = 50 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

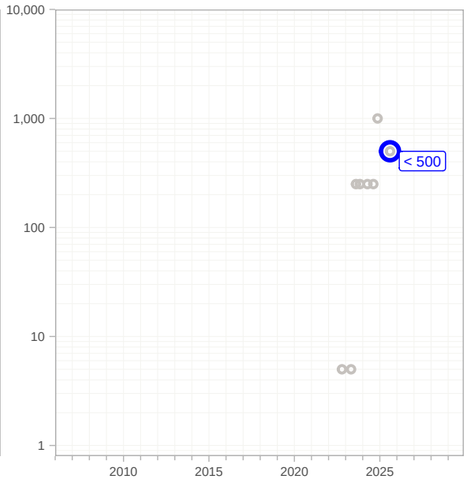
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

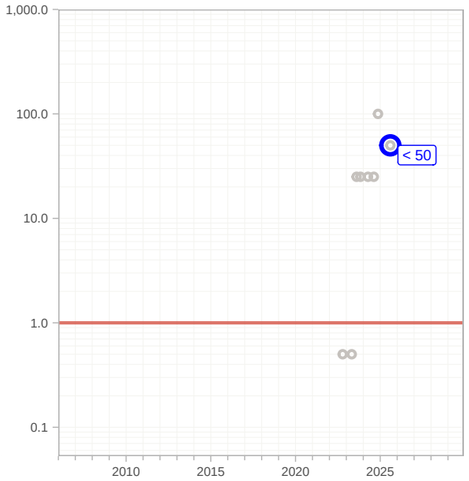
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)

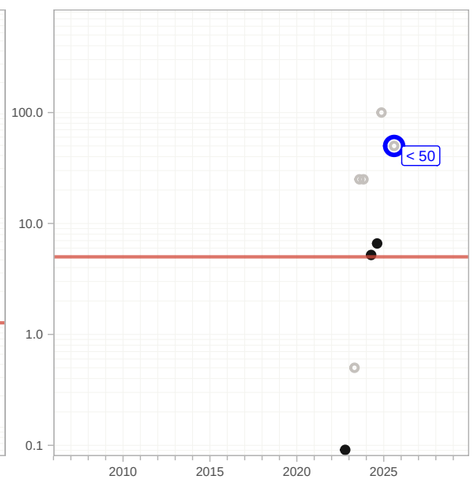
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Toluene (ug/L)

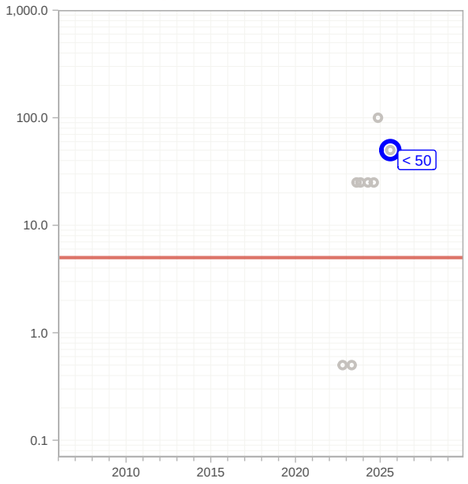
NYS GWQS = 5 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Ethylbenzene (ug/L)

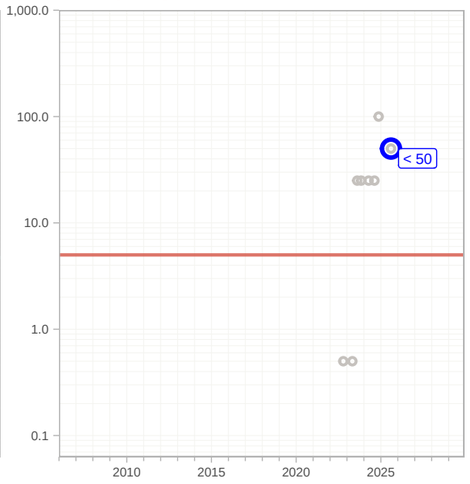
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

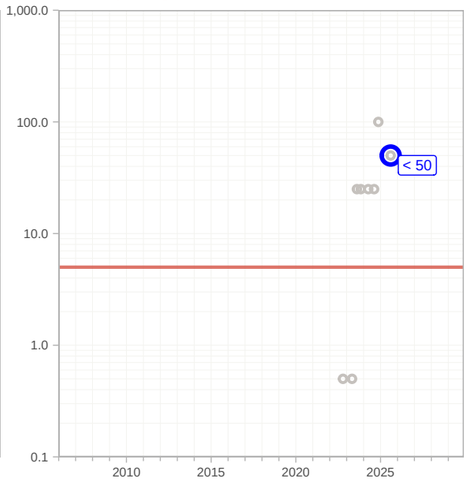
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

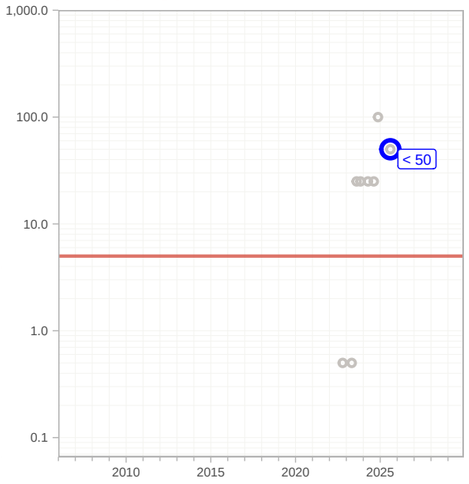
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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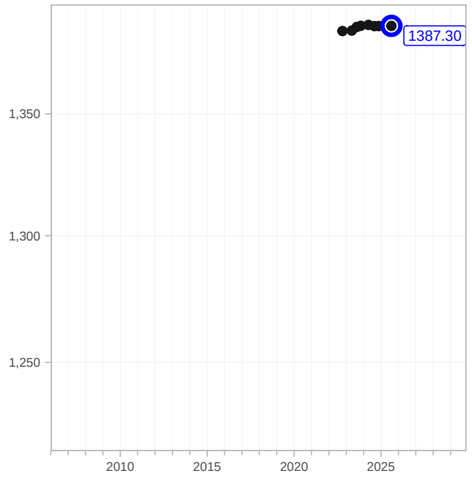
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

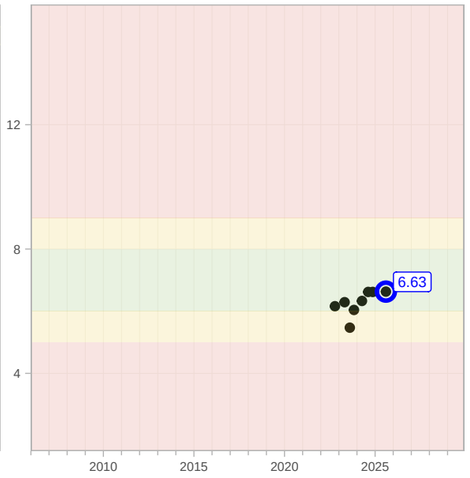
C−6 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



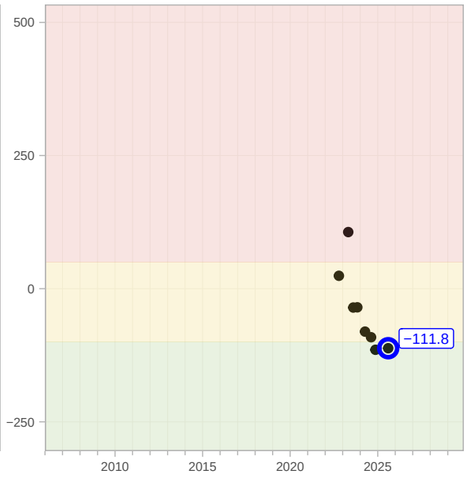
All | N = 8; ND = 0; %ND = 0; M−K = probably increasing

pH (SU)



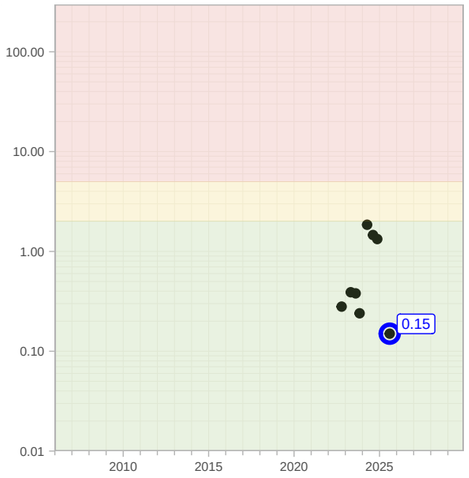
All | N = 8; ND = 0; %ND = 0; M−K = increasing

Oxidation/Reduction Potential (mV)



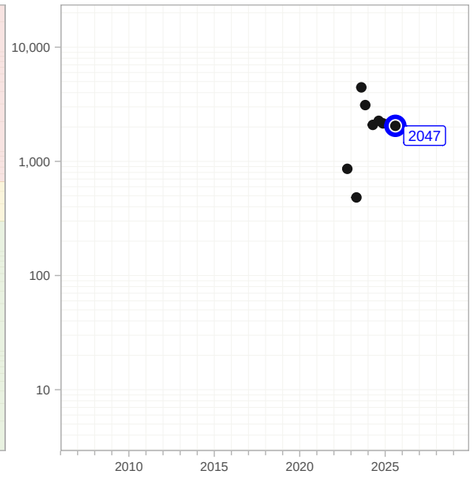
All | N = 8; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



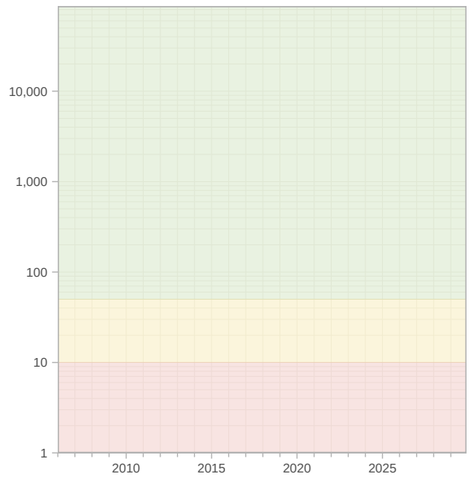
All | N = 8; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



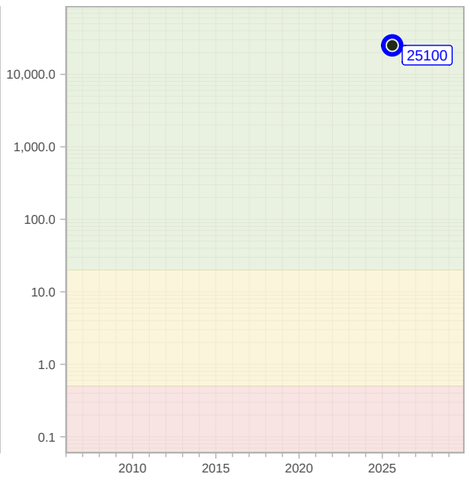
All | N = 8; ND = 0; %ND = 0; M−K = stable

Sulfide



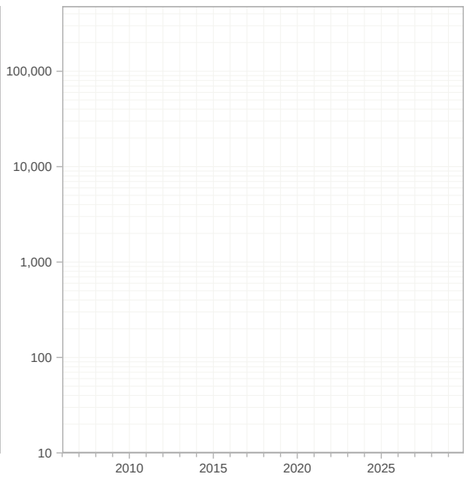
No Data

Methane (ug/L)



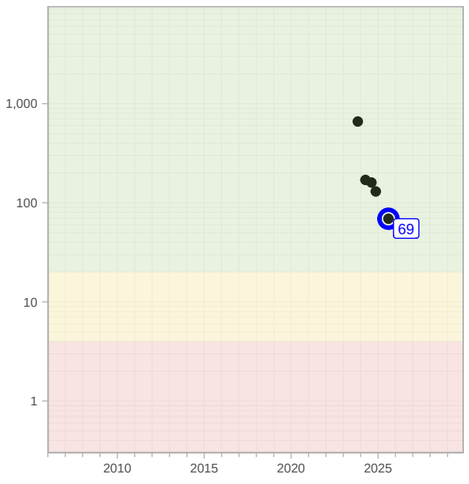
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



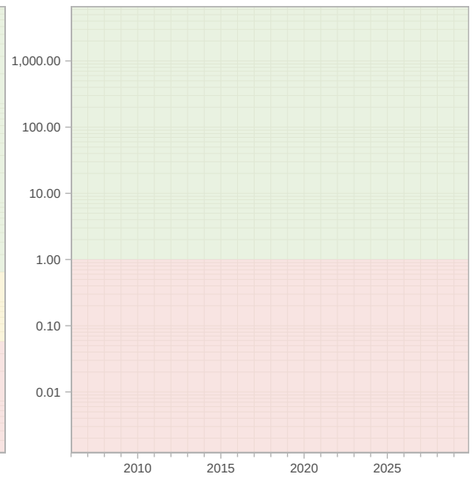
No Data

Total Organic Carbon (mg/L)



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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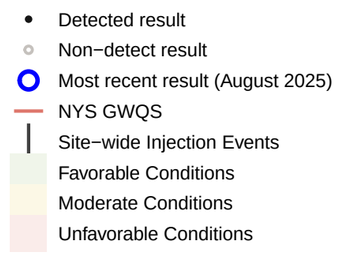
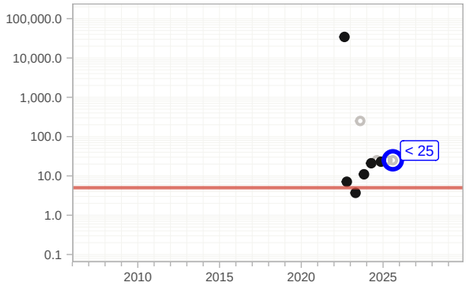


C−7 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

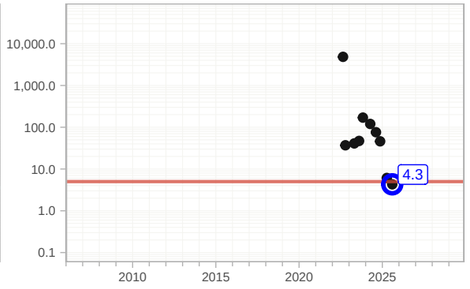
NYS GWQS = 5 ug/L



All | N = 10; ND = 4; %ND = 40; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

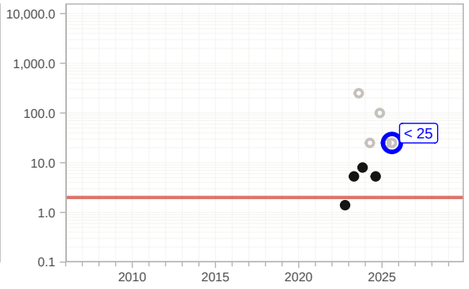
NYS GWQS = 5 ug/L



All | N = 10; ND = 0; %ND = 0; M−K = no trend

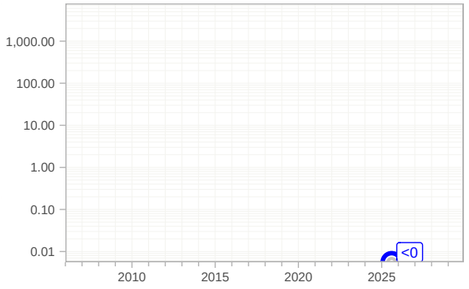
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



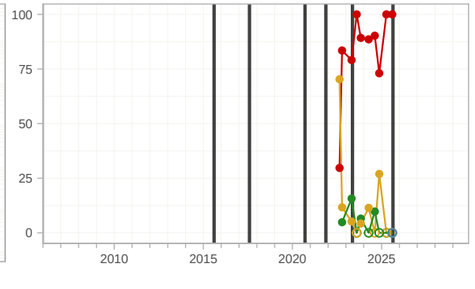
All | N = 9; ND = 5; %ND = 55.6; M−K = stable

Ethane + Ethene (ug/L)



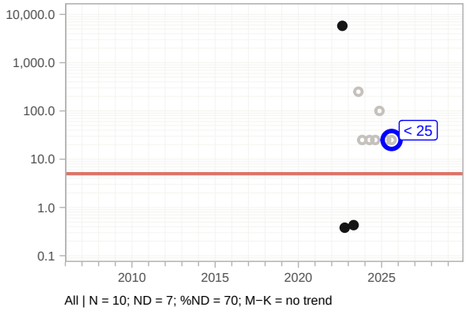
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

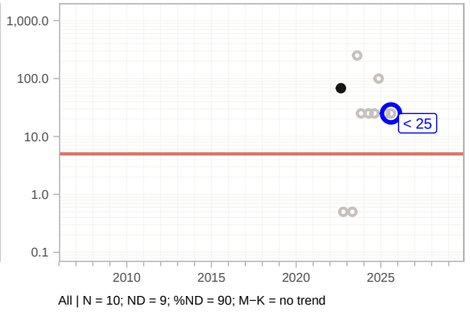
NYS GWQS = 5 ug/L



All | N = 10; ND = 7; %ND = 70; M−K = no trend

Dichloroethene (1,1−) (ug/L)

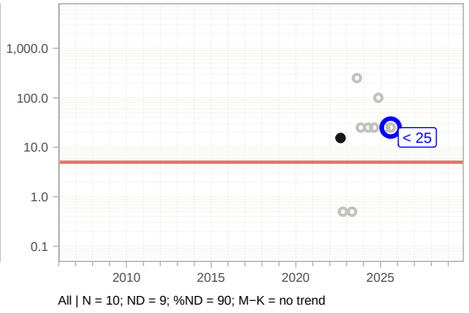
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

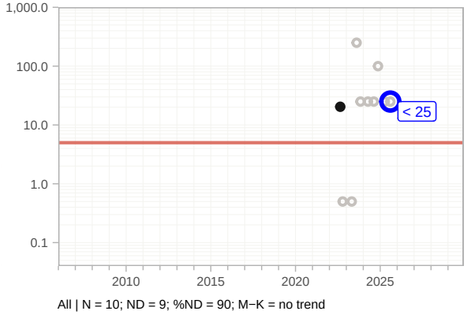
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Carbon tetrachloride (ug/L)

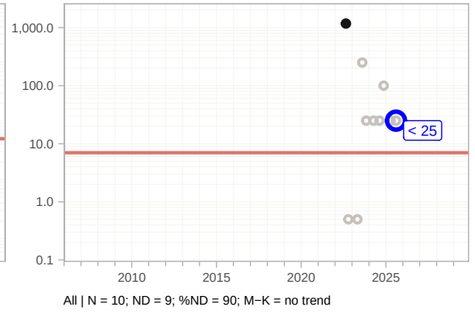
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

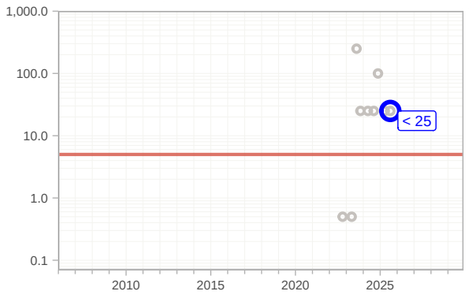
NYS GWQS = 7 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

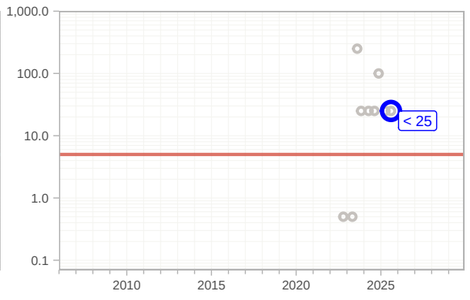
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloromethane (ug/L)

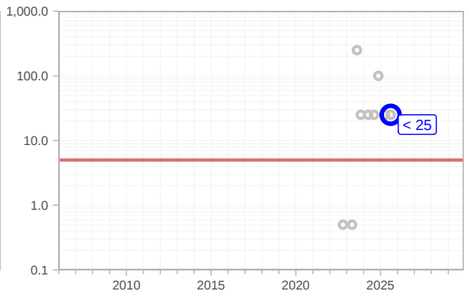
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

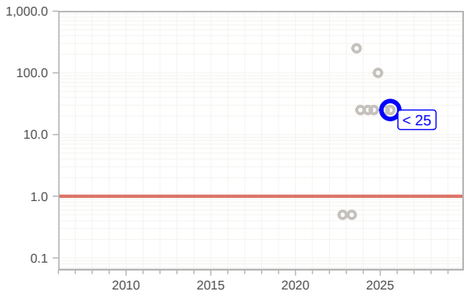
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

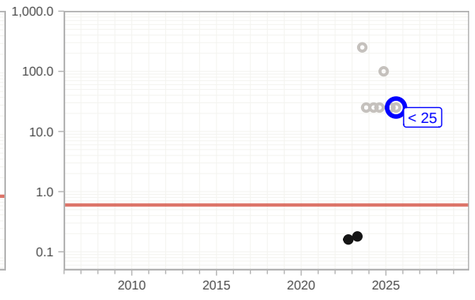
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

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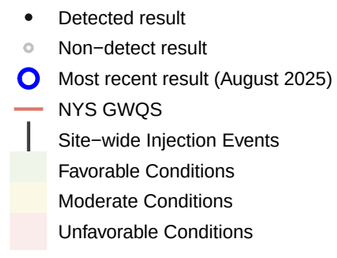
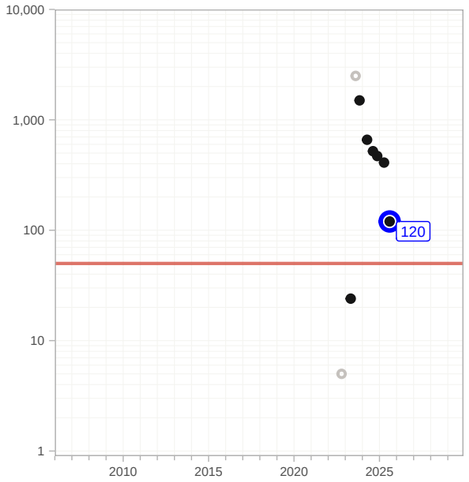


C−7 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

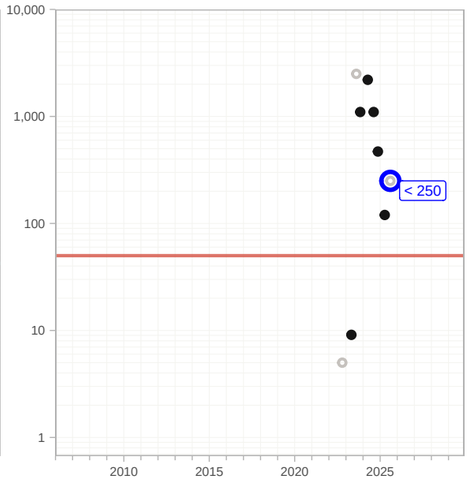
NYS GWQS = 50 ug/L



All | N = 9; ND = 2; %ND = 22.2; M−K = no trend

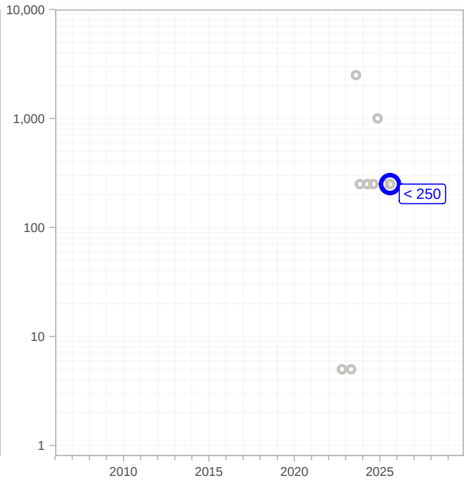
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 9; ND = 3; %ND = 33.3; M−K = no trend

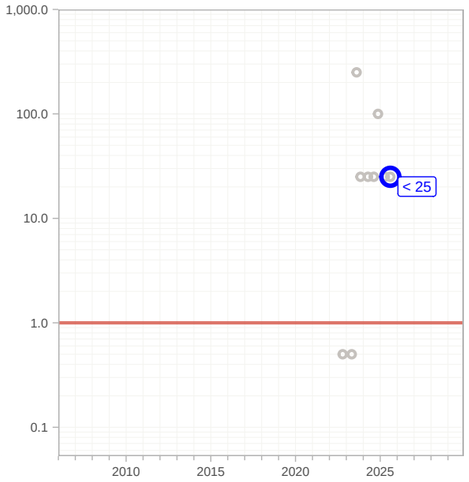
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)

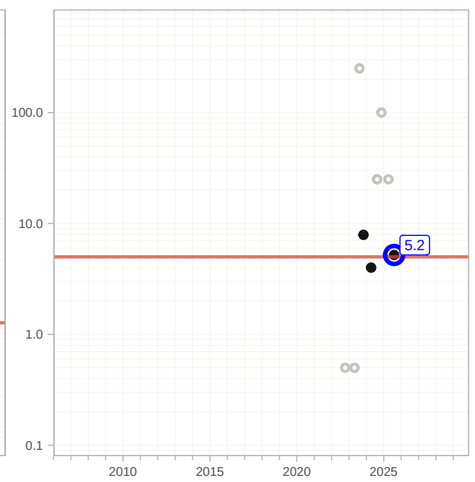
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Toluene (ug/L)

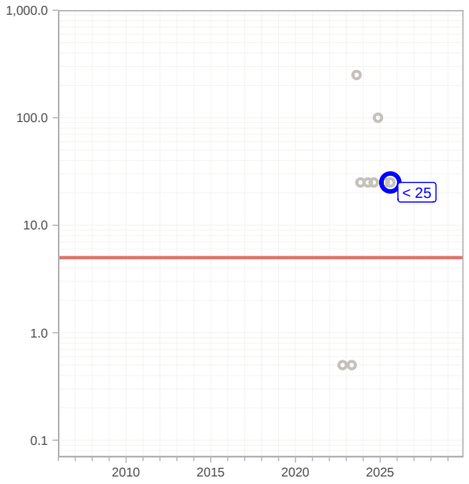
NYS GWQS = 5 ug/L



All | N = 9; ND = 6; %ND = 66.7; M−K = no trend

Ethylbenzene (ug/L)

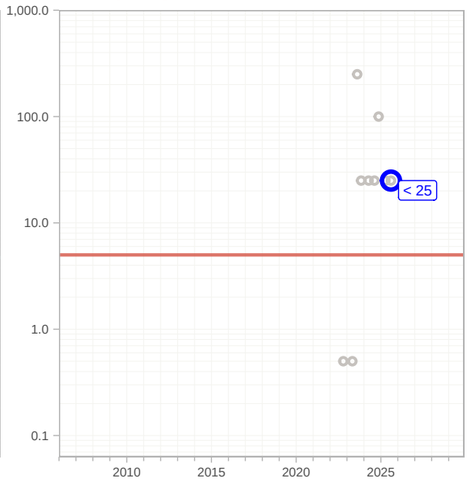
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

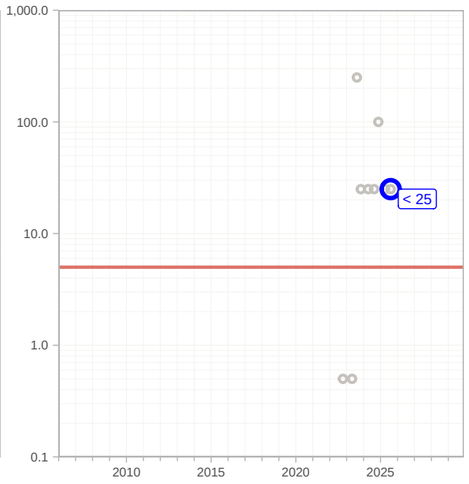
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

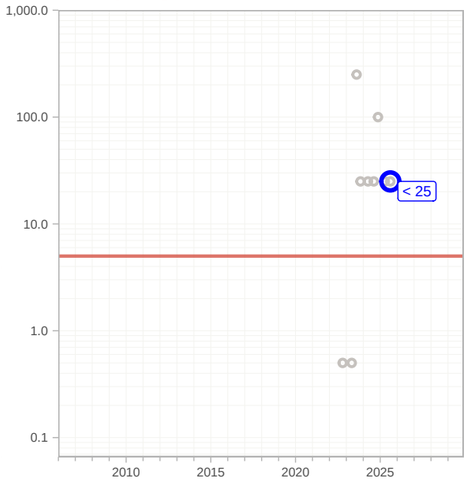
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



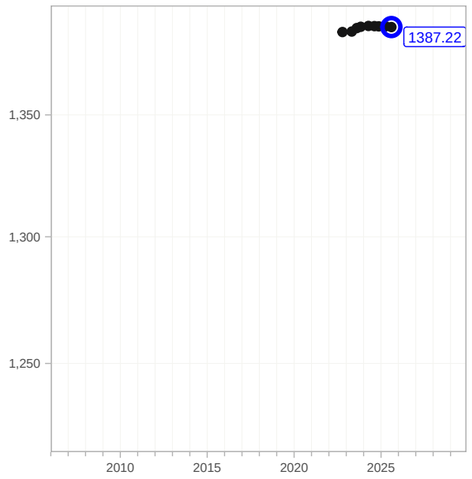
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

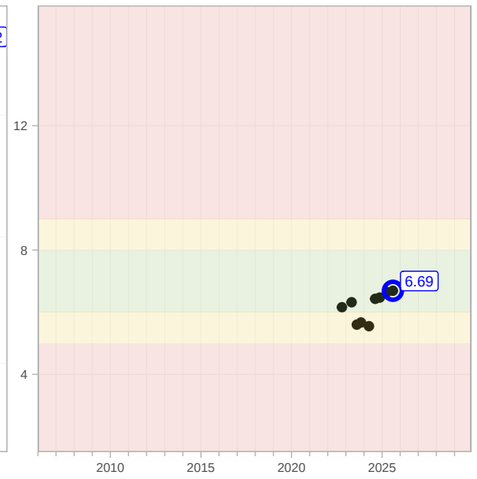
C−7 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



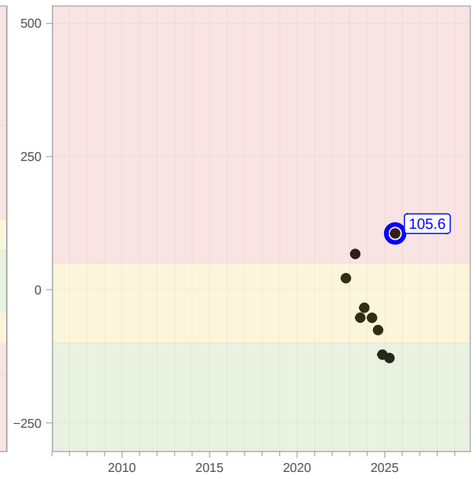
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



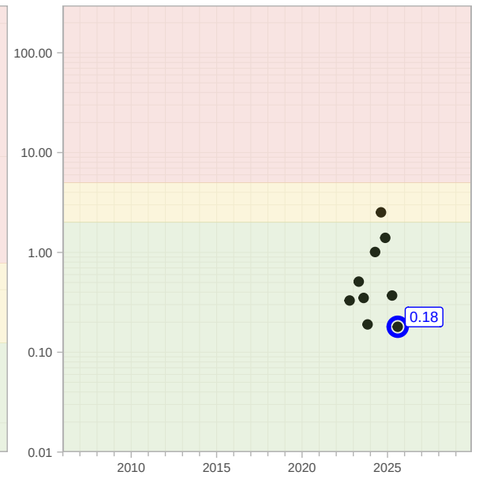
All | N = 9; ND = 0; %ND = 0; M−K = increasing

Oxidation/Reduction Potential (mV)



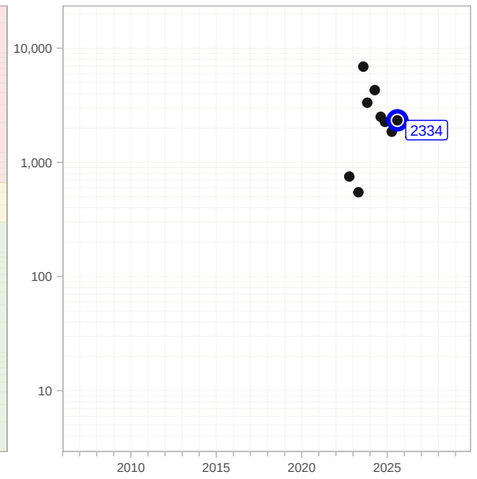
All | N = 9; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



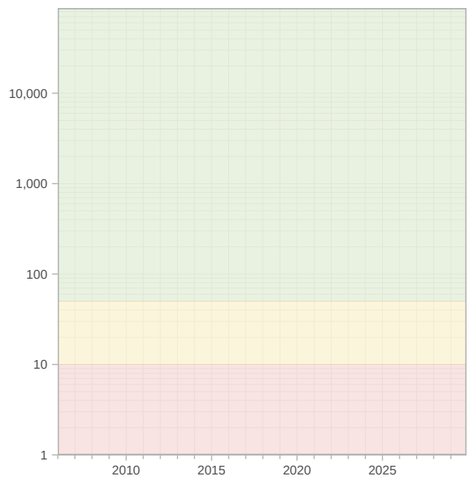
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



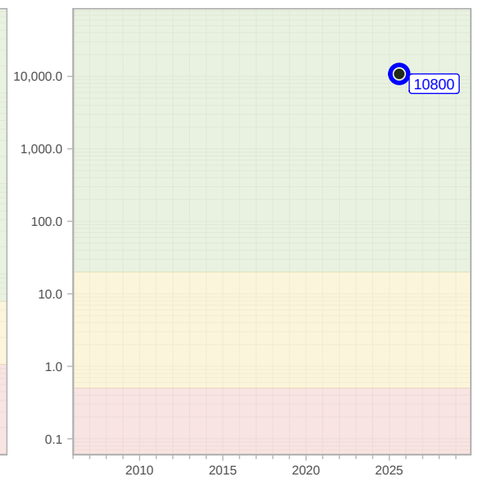
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide



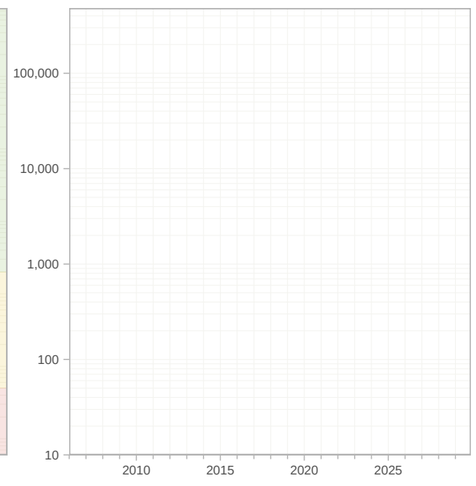
No Data

Methane (ug/L)



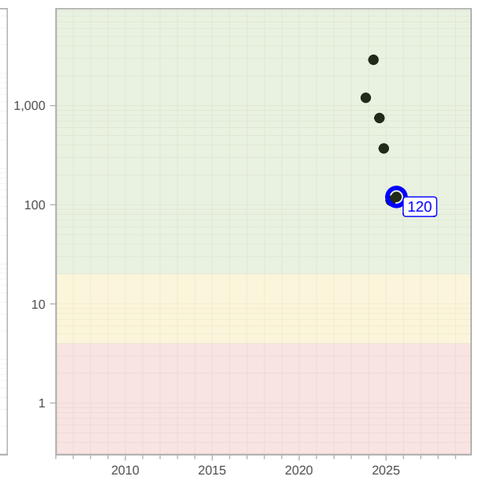
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



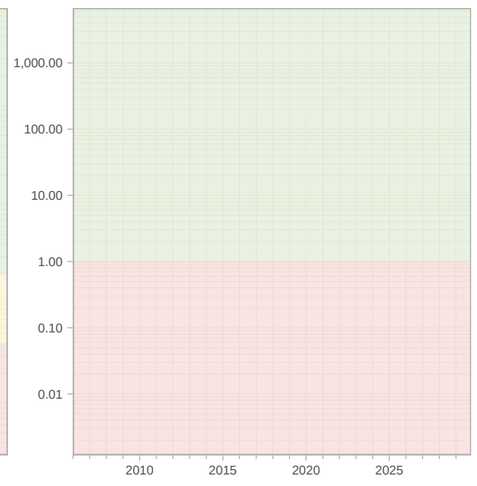
No Data

Total Organic Carbon (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = probably decreasing

Total Volatile Fatty Acids



No Data

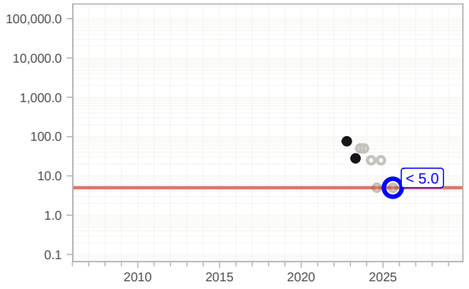
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

C−8 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

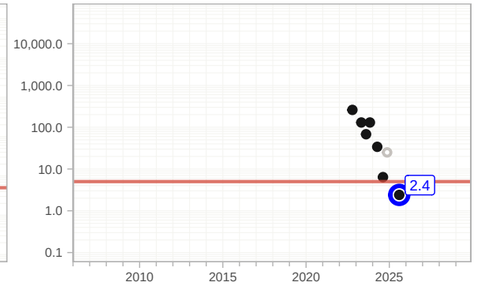
NYS GWQS = 5 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

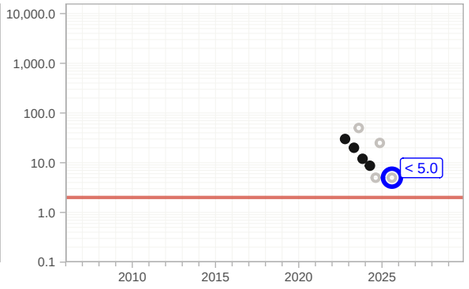
NYS GWQS = 5 ug/L



All | N = 8; ND = 1; %ND = 12.5; M−K = strong decreasing

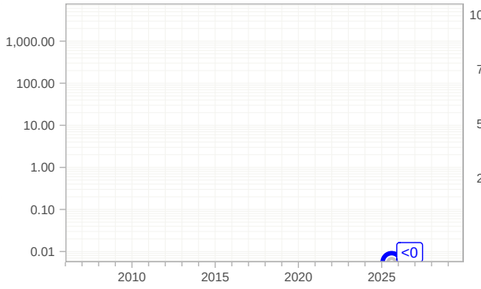
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



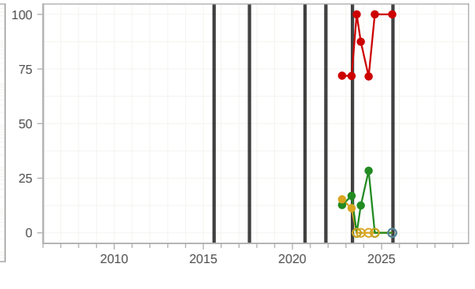
All | N = 8; ND = 4; %ND = 50; M−K = probably decreasing

Ethane + Ethene (ug/L)



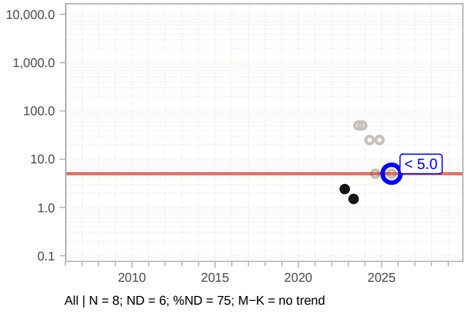
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

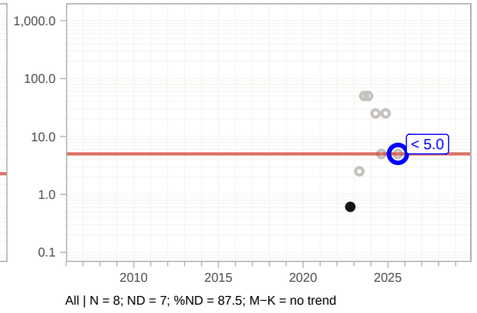
NYS GWQS = 5 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Dichloroethene (1,1−) (ug/L)

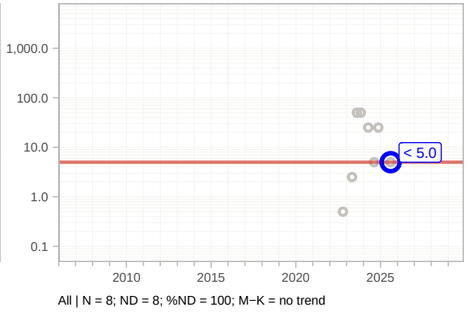
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

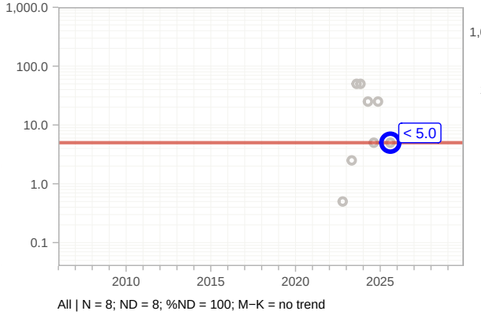
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

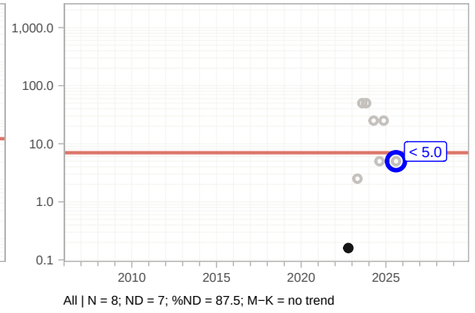
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

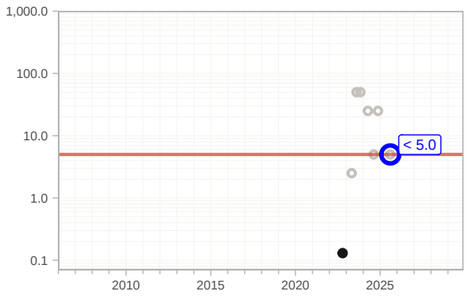
NYS GWQS = 7 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

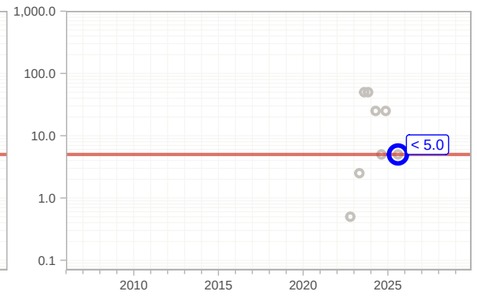
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Chloromethane (ug/L)

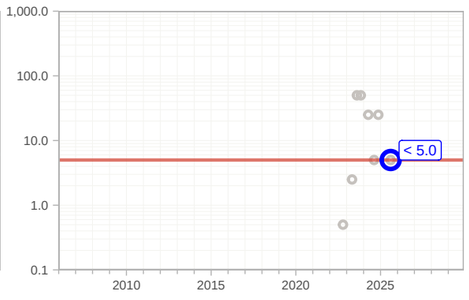
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

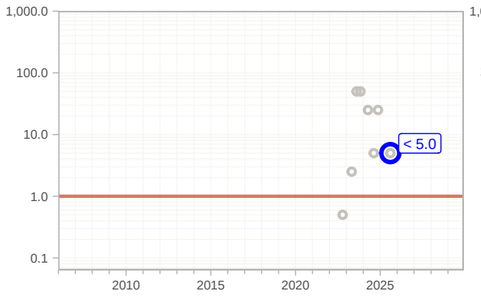
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

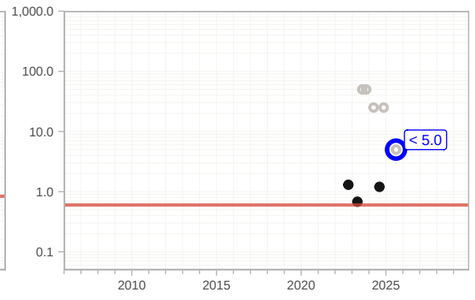
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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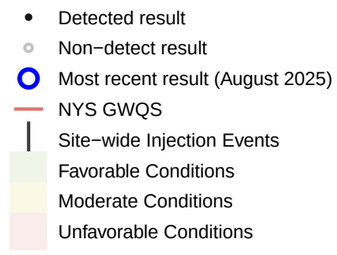
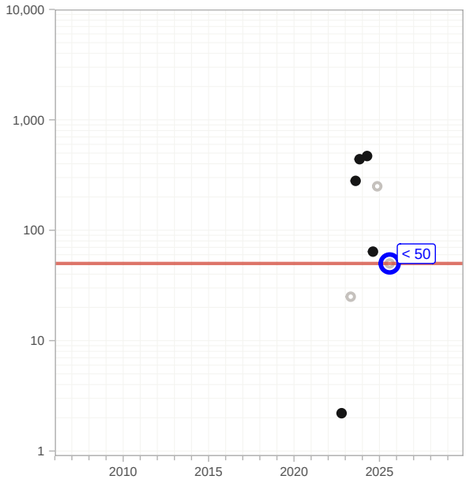
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



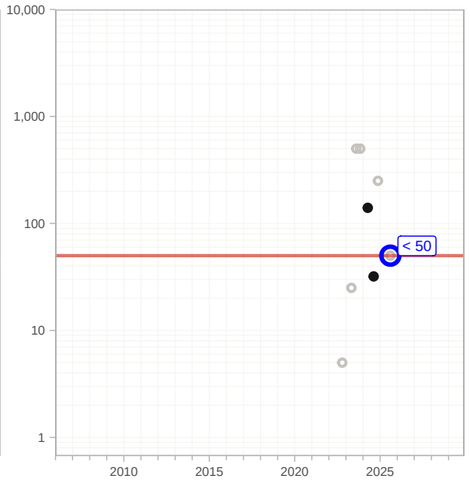
C−8 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



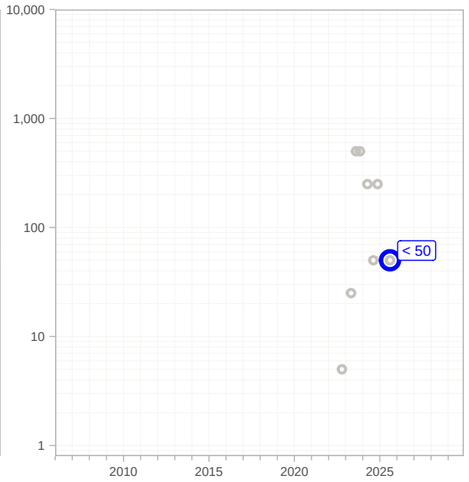
All | N = 8; ND = 3; %ND = 37.5; M−K = no trend

Butanone (2−) (MEK) (ug/L)



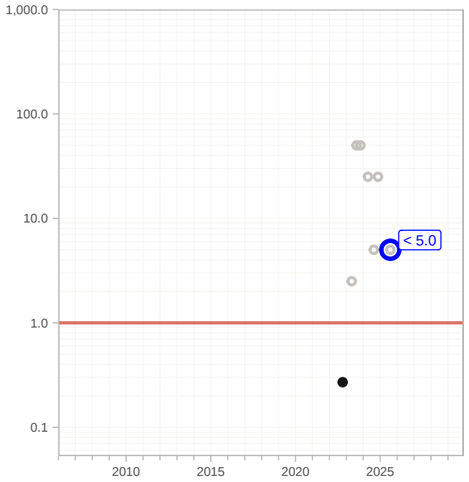
All | N = 8; ND = 6; %ND = 75; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



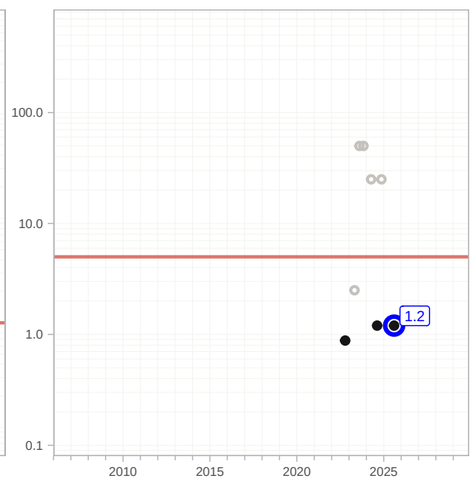
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)



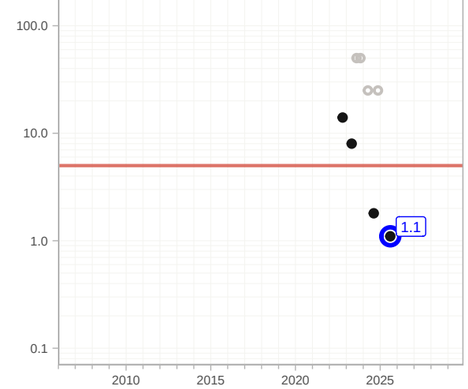
All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Toluene (ug/L)



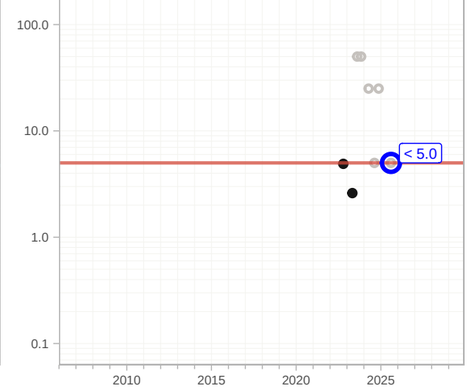
All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Ethylbenzene (ug/L)



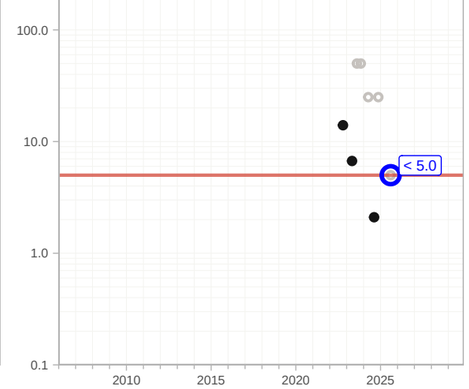
All | N = 8; ND = 4; %ND = 50; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



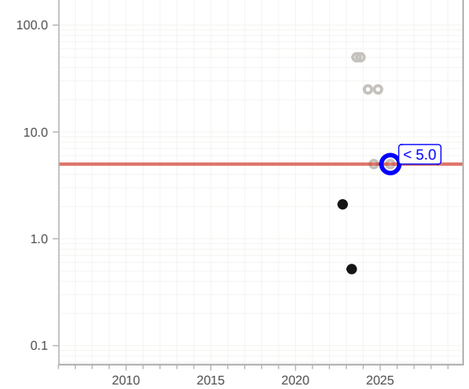
All | N = 8; ND = 6; %ND = 75; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Xylene (o−) (ug/L)



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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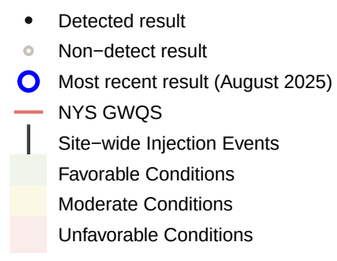
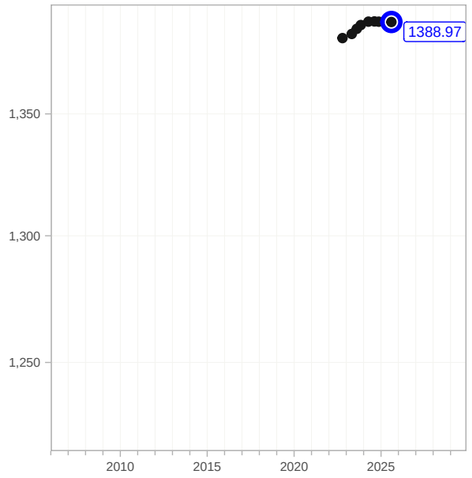


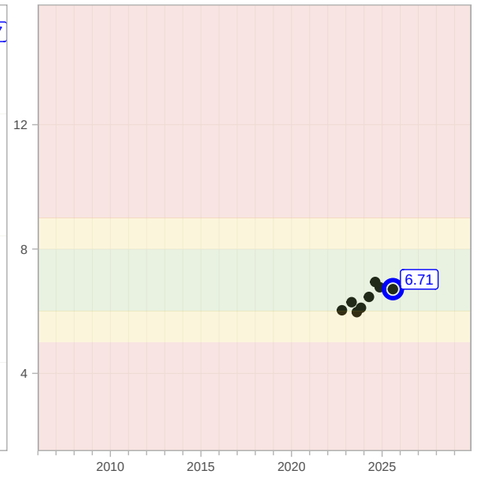
C−8 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



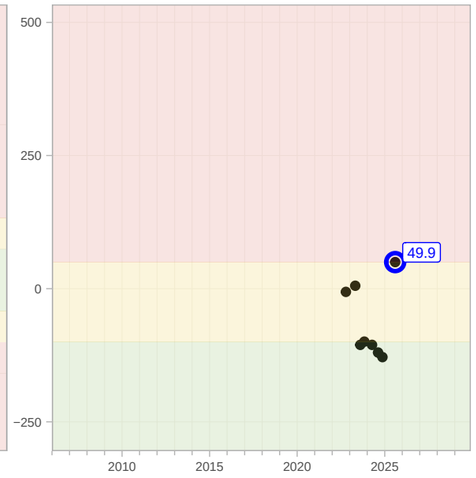
All | N = 8; ND = 0; %ND = 0; M−K = increasing

pH (SU)



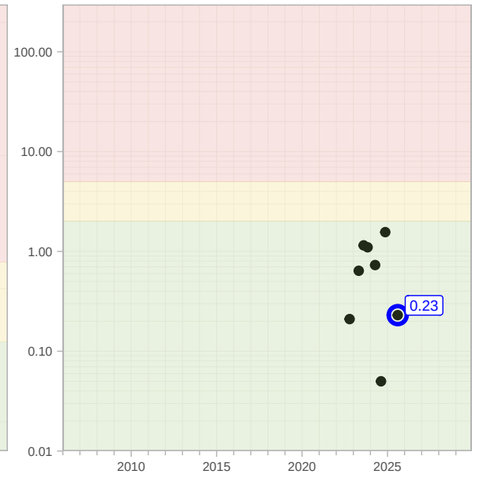
All | N = 8; ND = 0; %ND = 0; M−K = probably increasing

Oxidation/Reduction Potential (mV)



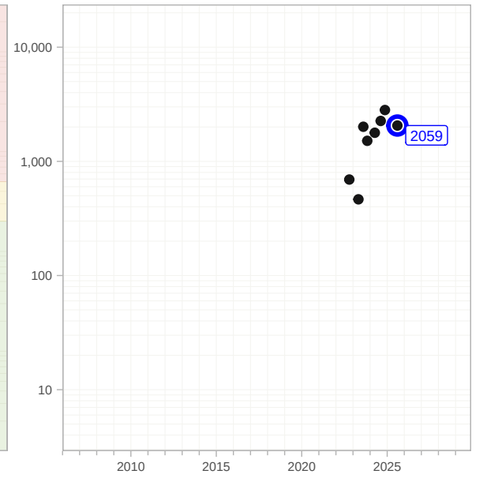
All | N = 8; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



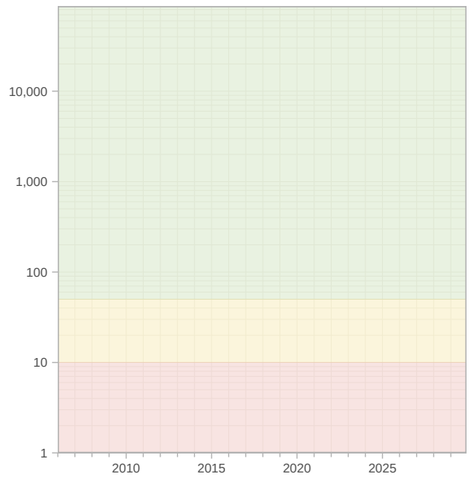
All | N = 8; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



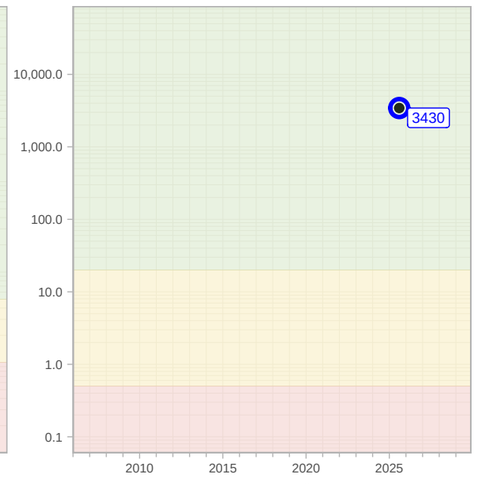
All | N = 8; ND = 0; %ND = 0; M−K = increasing

Sulfide



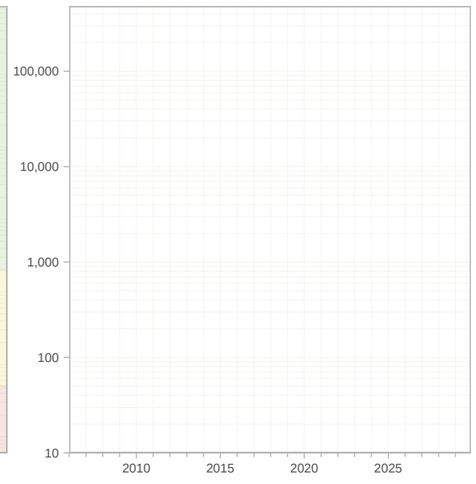
No Data

Methane (ug/L)



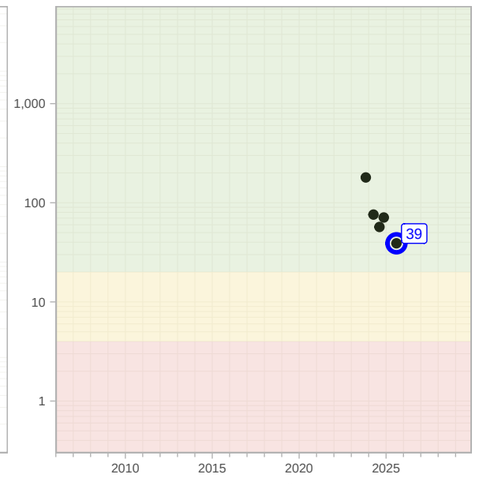
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



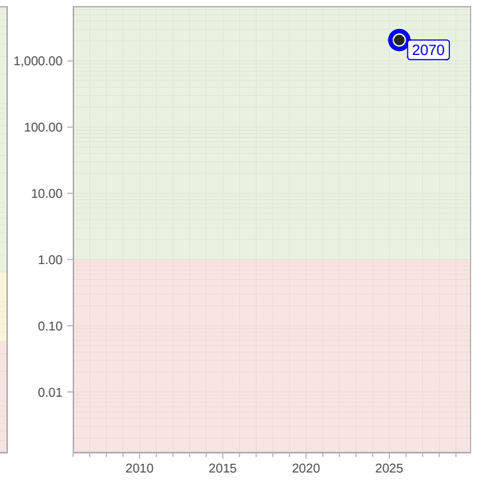
No Data

Total Organic Carbon (mg/L)



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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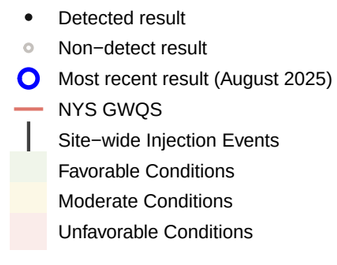
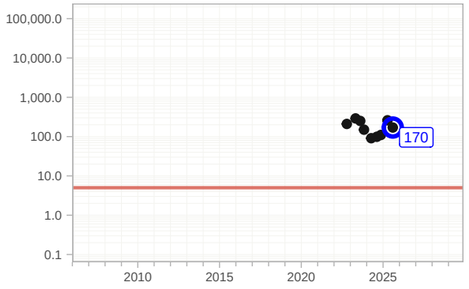


C−9 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

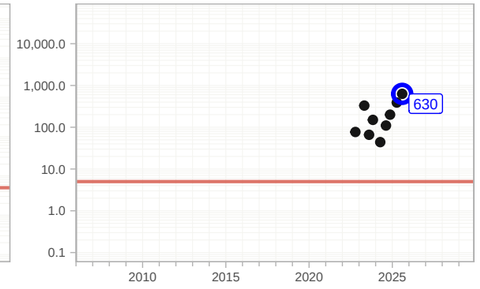
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

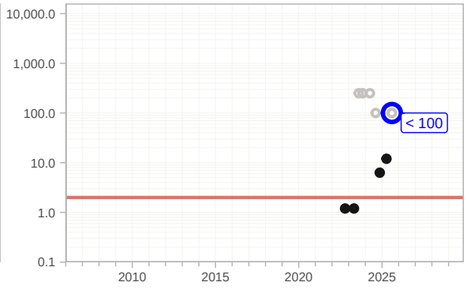
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = stable

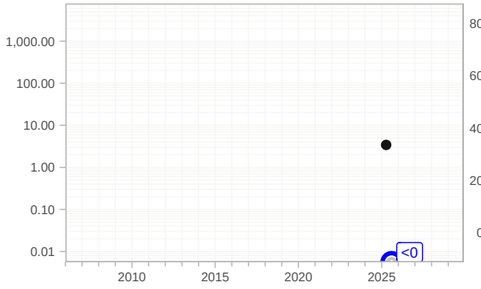
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



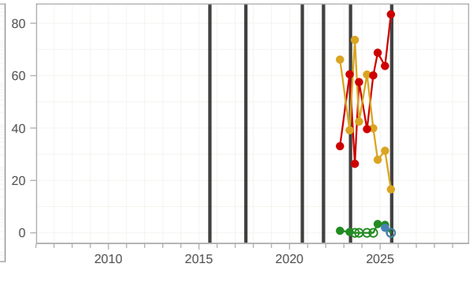
All | N = 9; ND = 5; %ND = 55.6; M−K = no trend

Ethane + Ethene (ug/L)



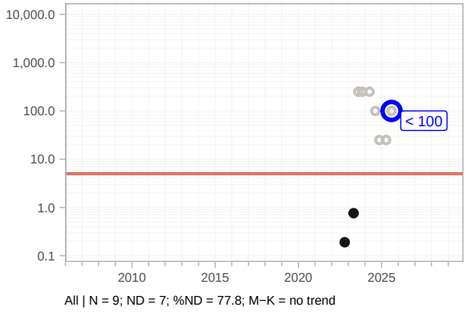
All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

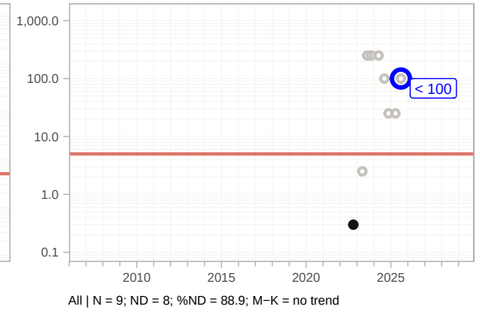
NYS GWQS = 5 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Dichloroethene (1,1−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

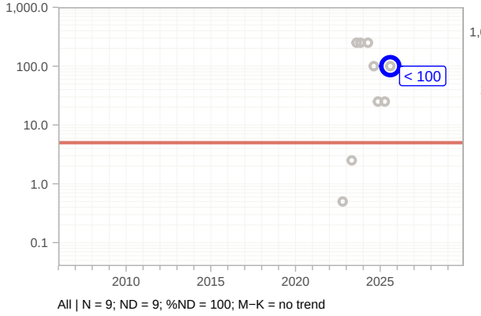
Tetrachloroethene (PCE) (ug/L)

NYS GWQS = 5 ug/L

All | N = 9; ND = 9; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

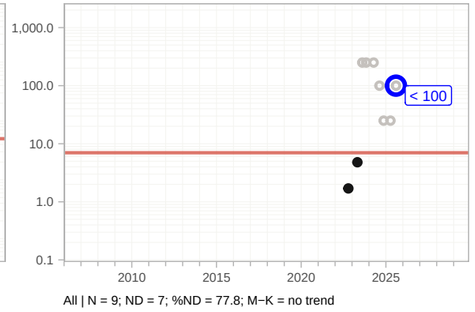
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

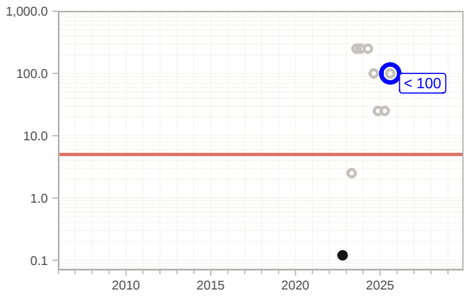
NYS GWQS = 7 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

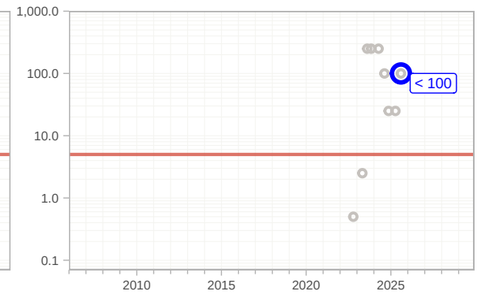
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Chloromethane (ug/L)

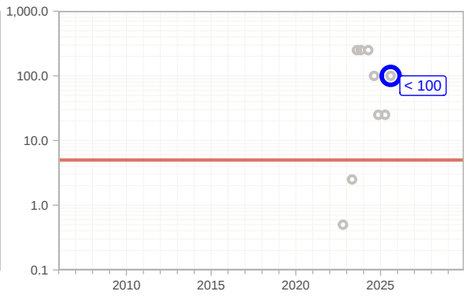
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

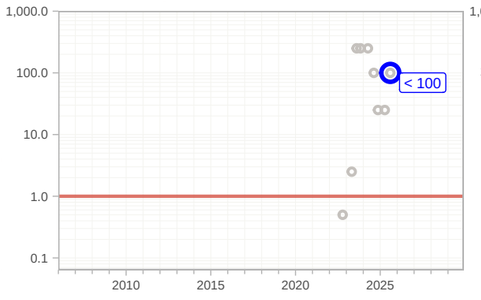
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

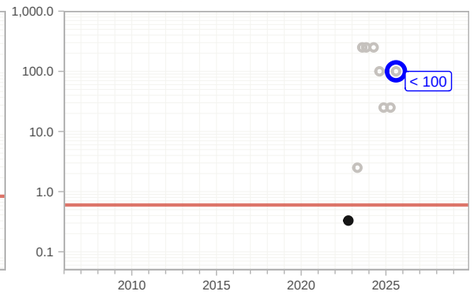
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Notes:
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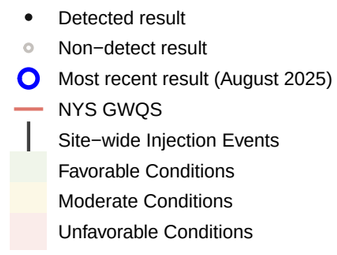
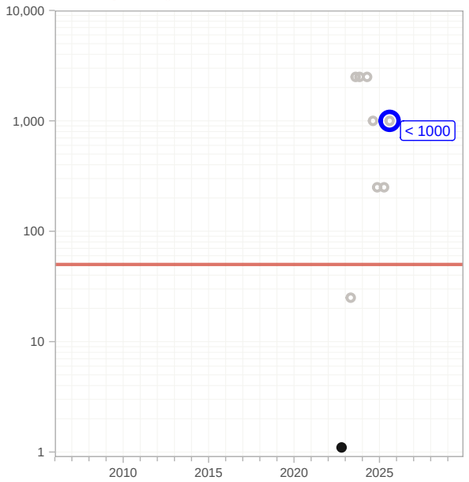


C−9 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

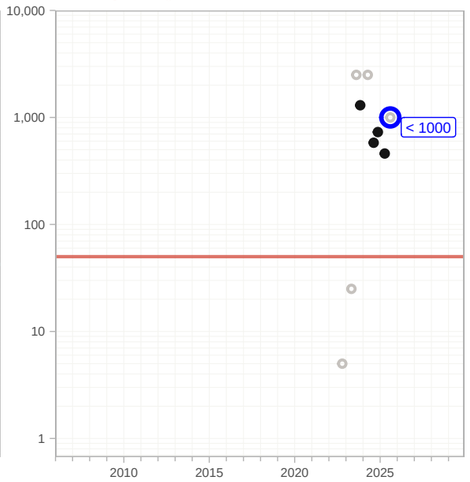
NYS GWQS = 50 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

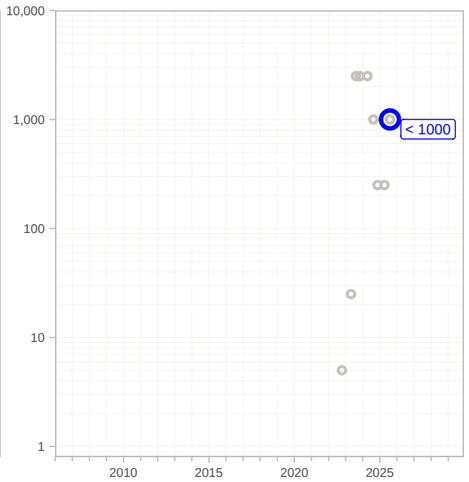
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 9; ND = 5; %ND = 55.6; M−K = stable

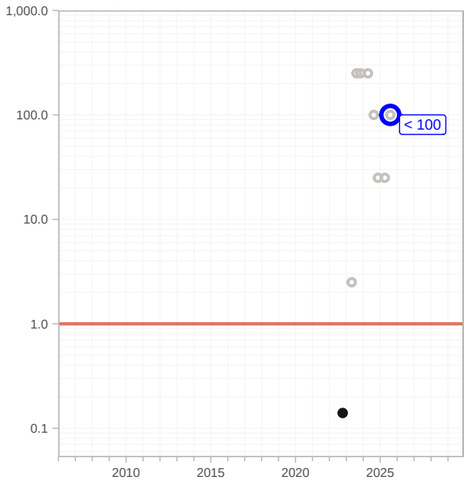
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)

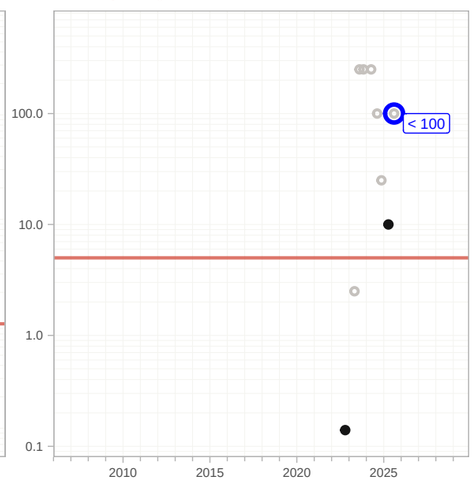
NYS GWQS = 1 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Toluene (ug/L)

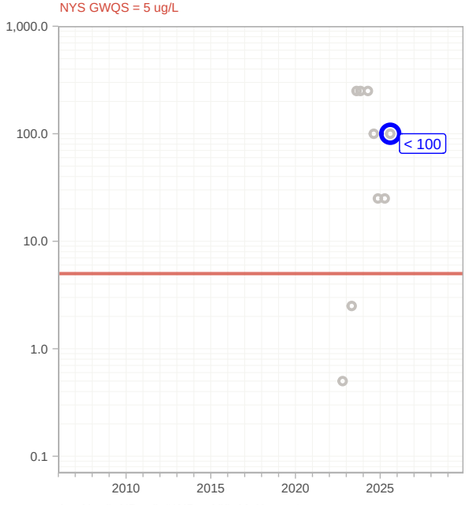
NYS GWQS = 5 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Ethylbenzene (ug/L)

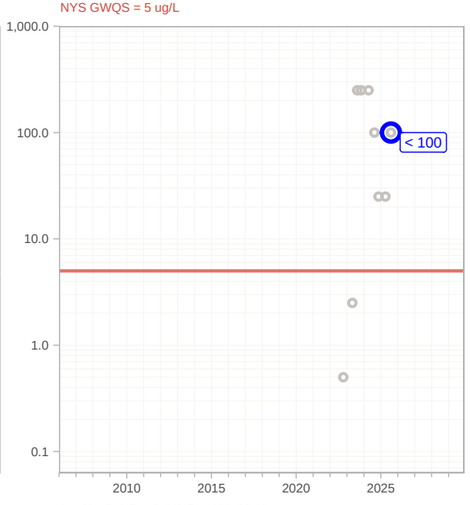
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

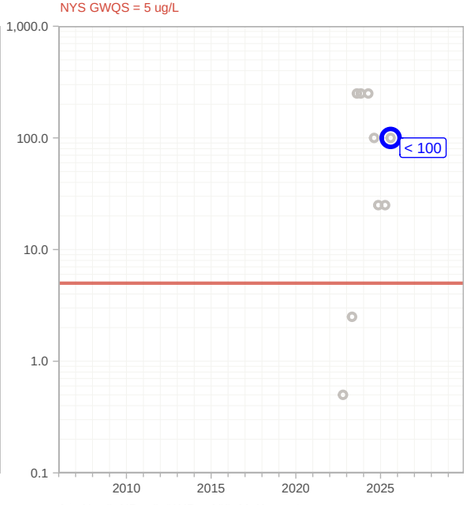
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

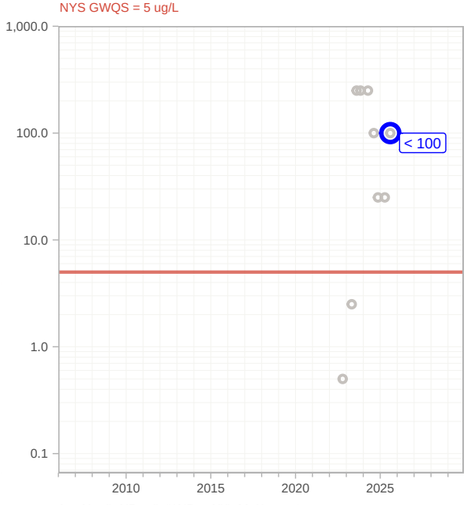
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
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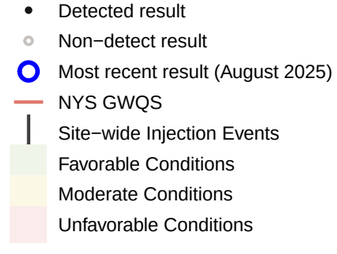
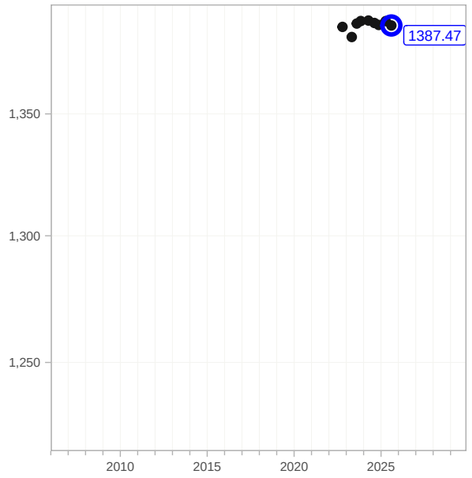


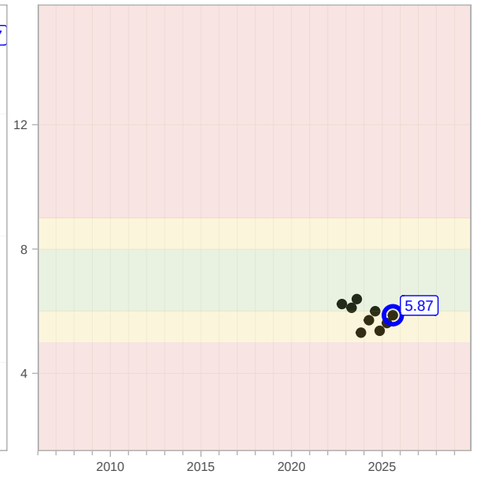
C−9 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



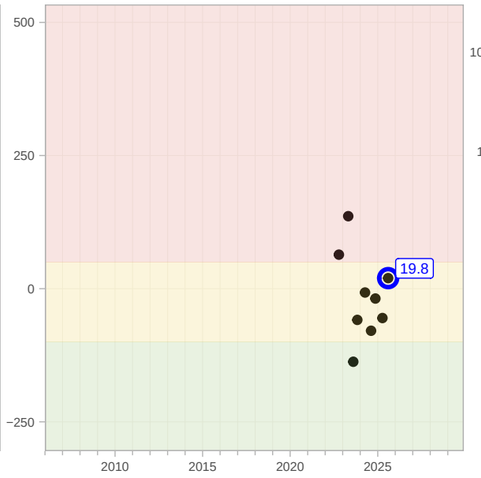
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



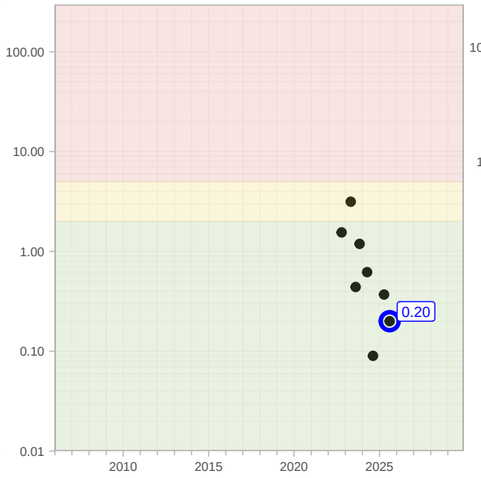
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



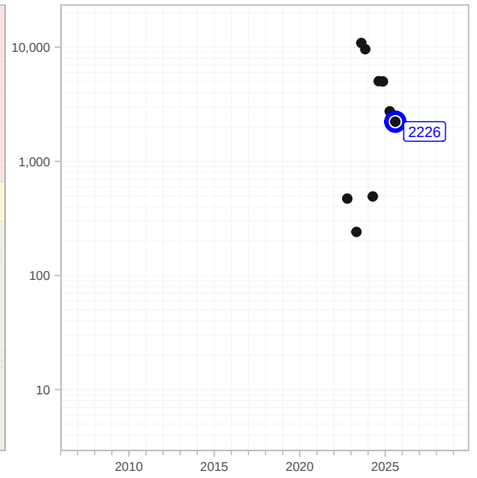
All | N = 9; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



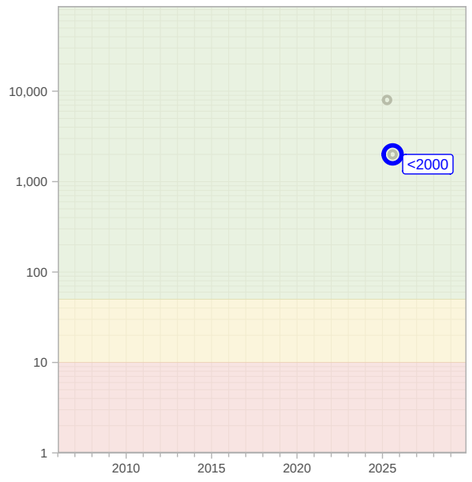
All | N = 8; ND = 0; %ND = 0; M−K = decreasing

Specific Conductance (uS/cm)



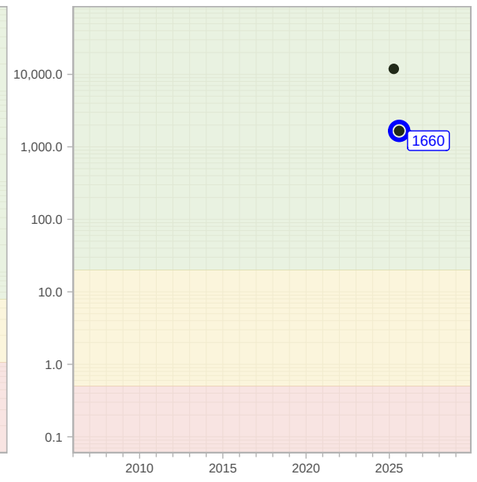
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



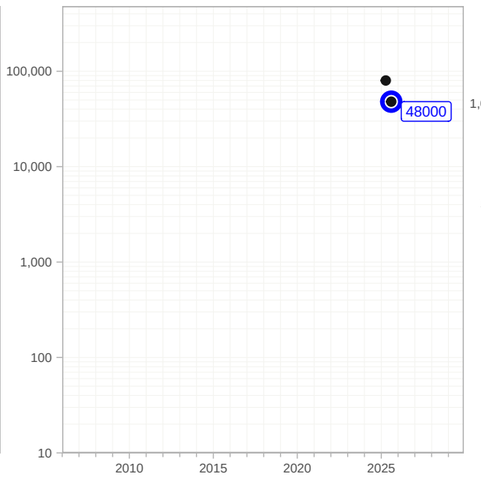
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Methane (ug/L)



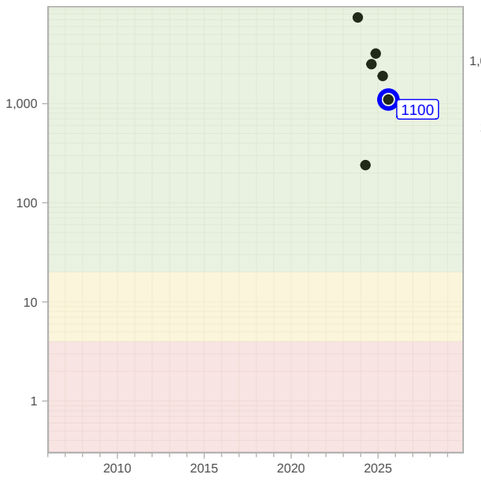
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



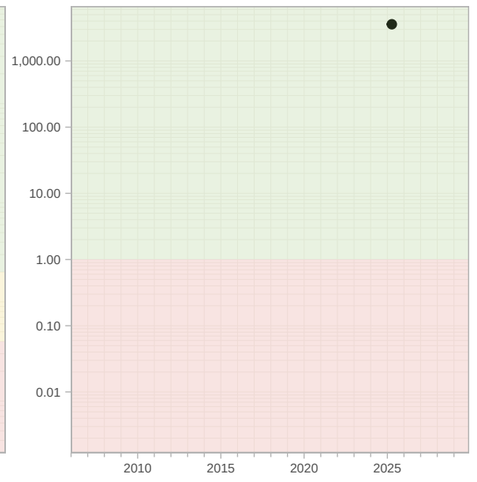
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



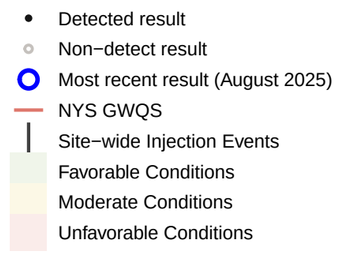
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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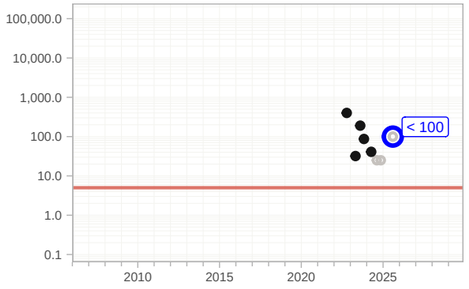
Trichloroethene (TCE) (ug/L)

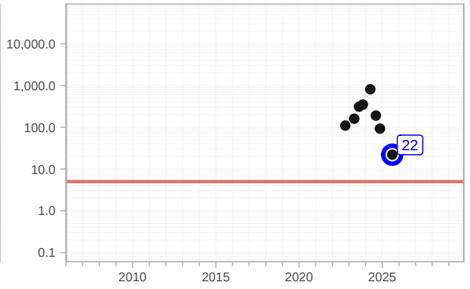
NYS GWQS = 5 ug/L



All | N = 8; ND = 3; %ND = 37.5; M−K = probably decreasing

Dichloroethene (cis−1,2−) (ug/L)

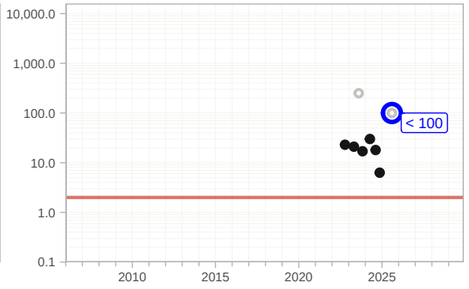
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = stable

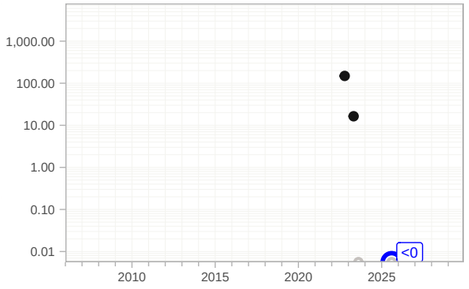
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



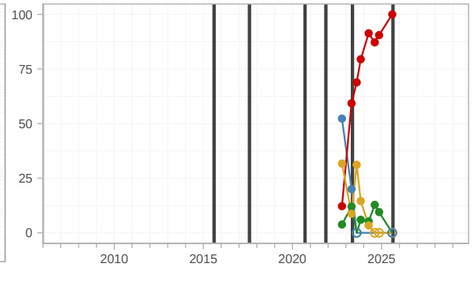
All | N = 8; ND = 2; %ND = 25; M−K = stable

Ethane + Ethene (ug/L)



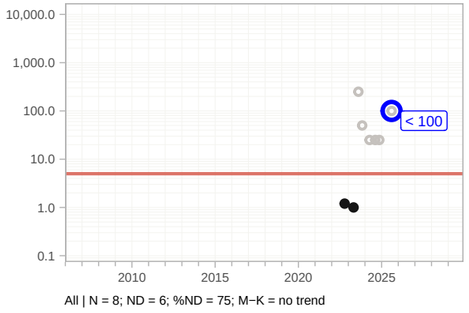
All | N = 4; ND = 2; %ND = 50; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

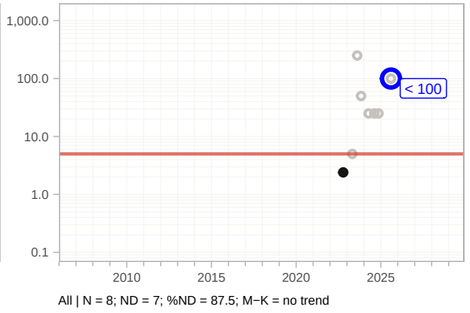
NYS GWQS = 5 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Dichloroethene (1,1−) (ug/L)

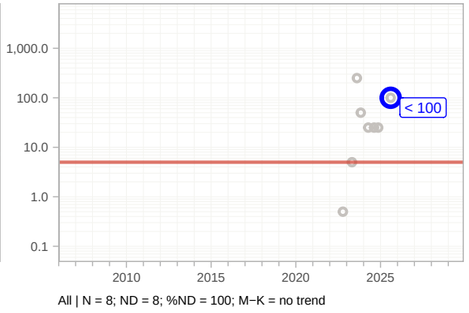
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

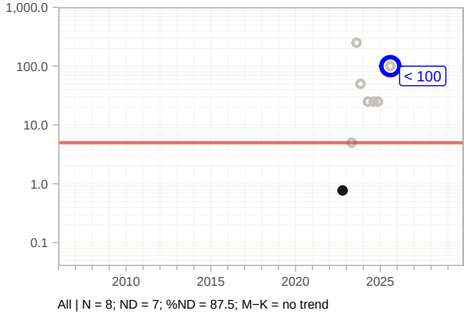
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

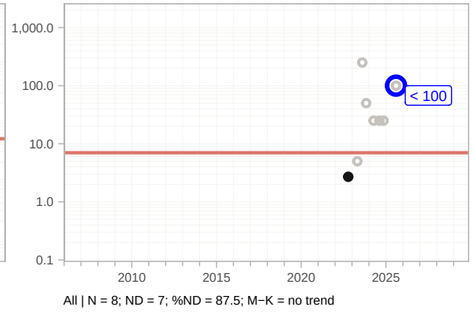
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

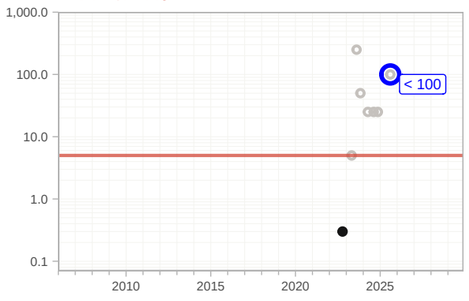
NYS GWQS = 7 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

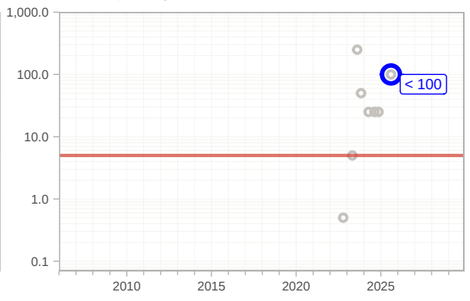
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Chloromethane (ug/L)

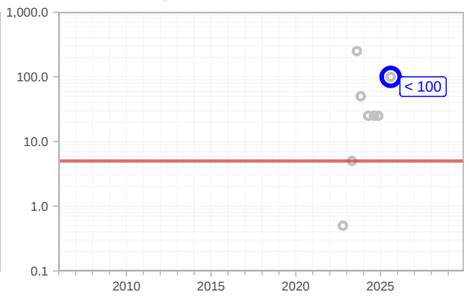
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

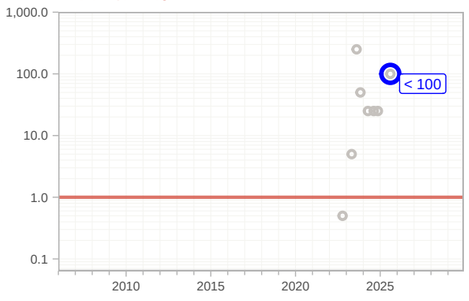
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

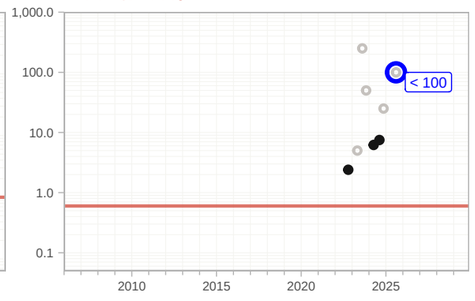
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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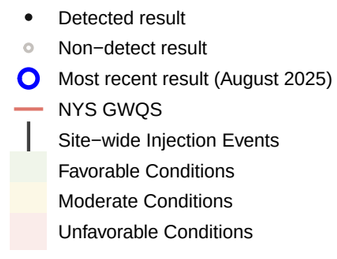
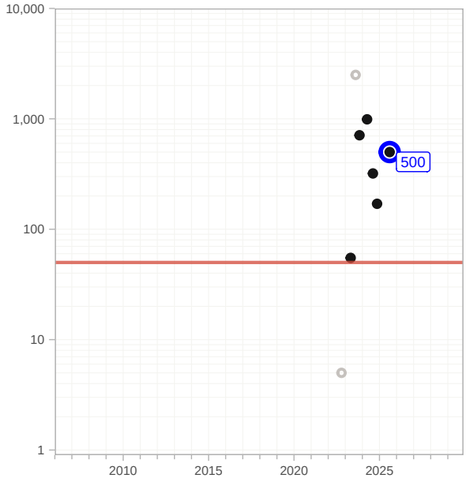
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



D−1 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

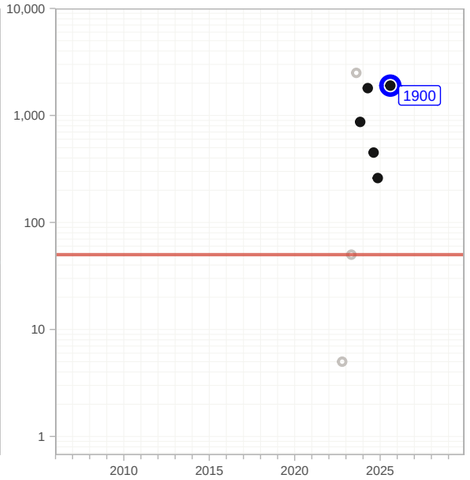
NYS GWQS = 50 ug/L



All | N = 8; ND = 2; %ND = 25; M−K = stable

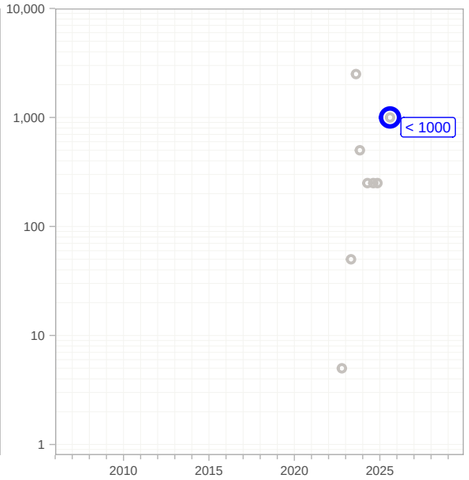
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 8; ND = 3; %ND = 37.5; M−K = stable

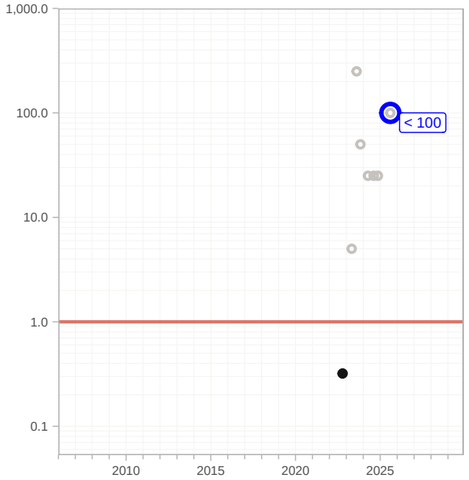
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)

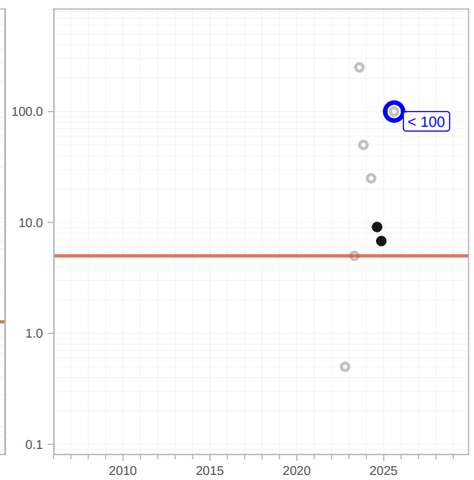
NYS GWQS = 1 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Toluene (ug/L)

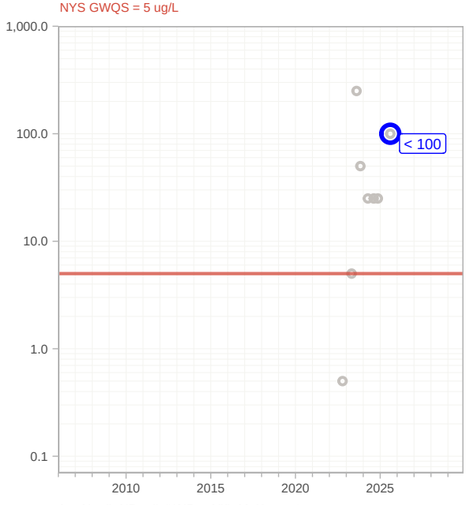
NYS GWQS = 5 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Ethylbenzene (ug/L)

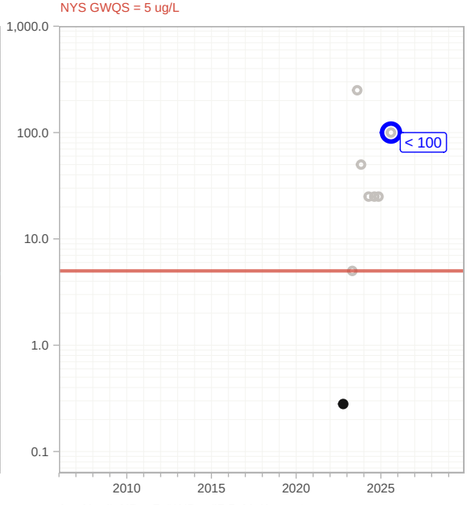
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

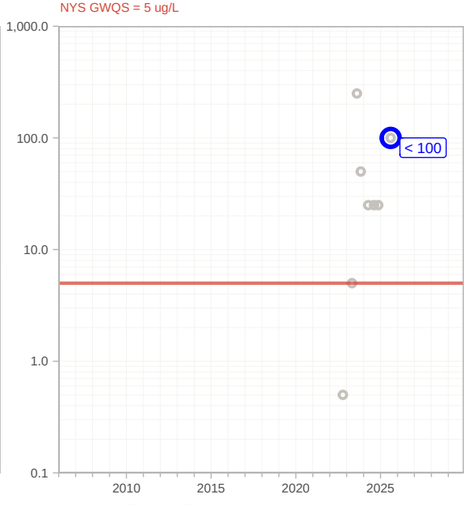
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Xylene (m,p−) (ug/L)

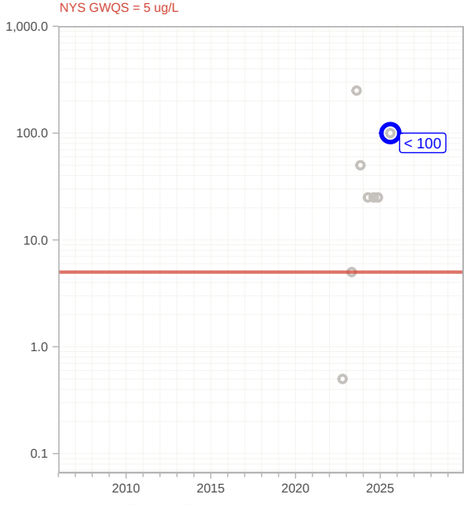
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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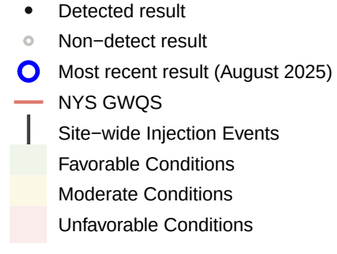
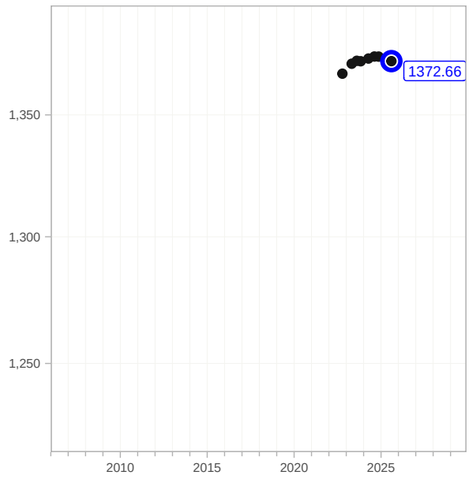
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



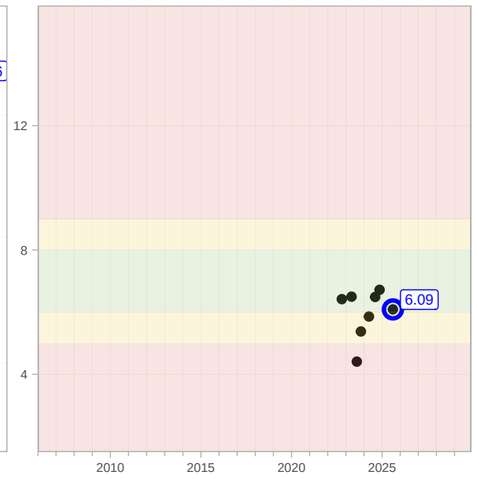
D−1 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



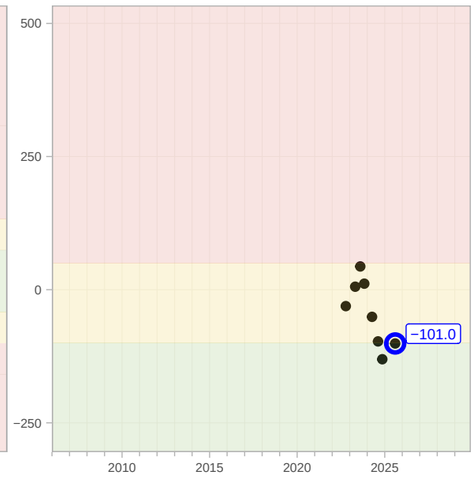
All | N = 8; ND = 0; %ND = 0; M−K = probably increasing

pH (SU)



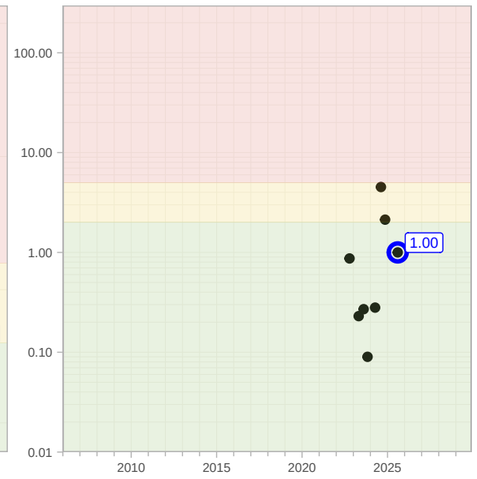
All | N = 8; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



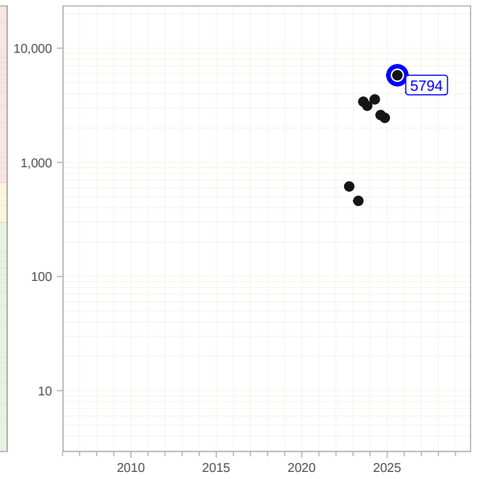
All | N = 8; ND = 0; %ND = 0; M−K = probably decreasing

Dissolved Oxygen (mg/L)



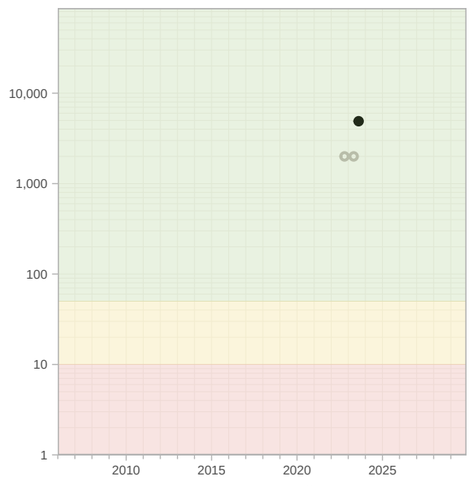
All | N = 8; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



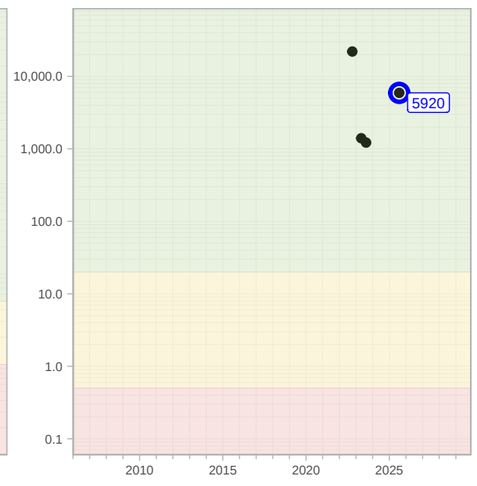
All | N = 8; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



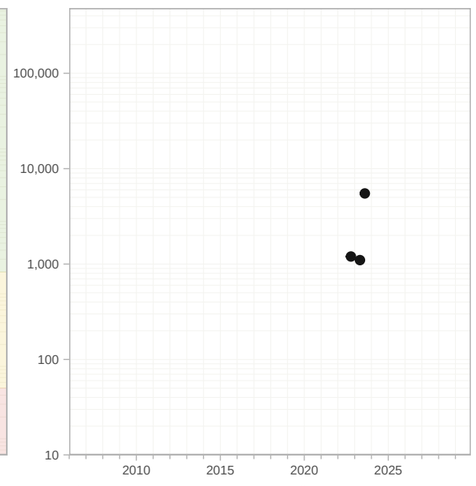
All | N = 3; ND = 2; %ND = 66.7; M−K = insufficient data

Methane (ug/L)



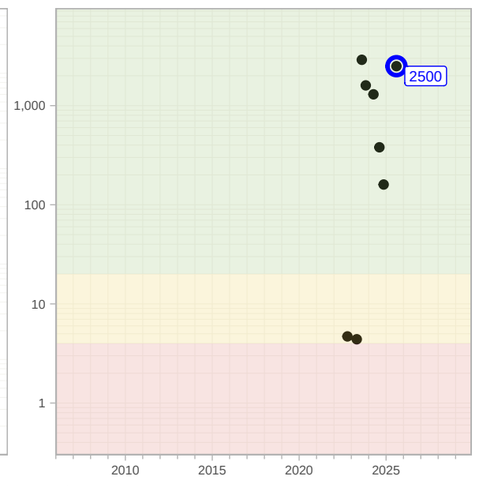
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



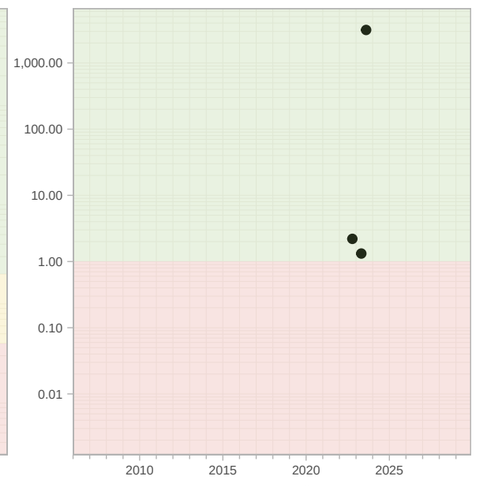
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



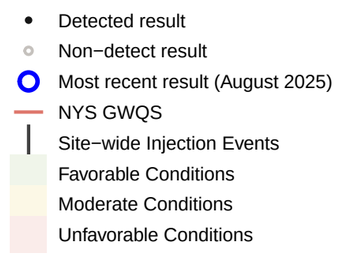
All | N = 8; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

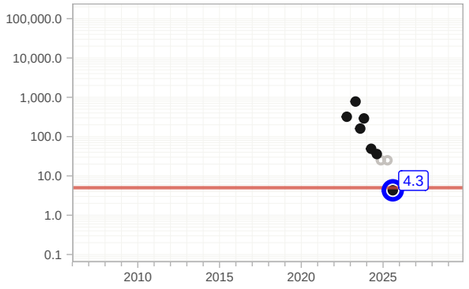
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



D−2 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

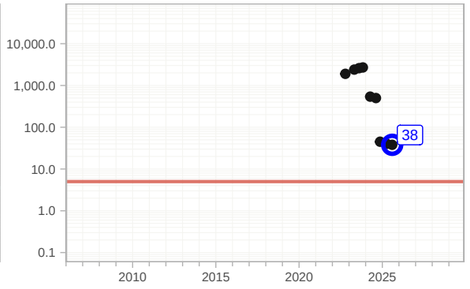
NYS GWQS = 5 ug/L



All | N = 9; ND = 2; %ND = 22.2; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

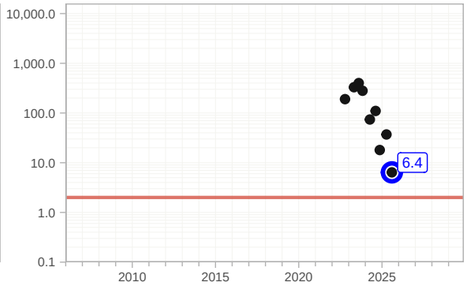
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = decreasing

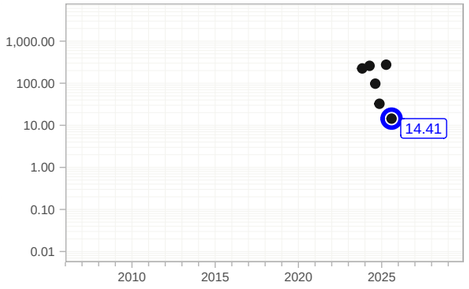
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



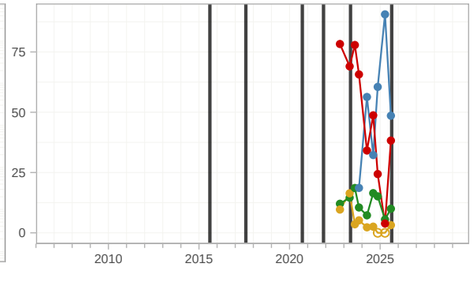
All | N = 9; ND = 0; %ND = 0; M−K = decreasing

Ethane + Ethene (ug/L)



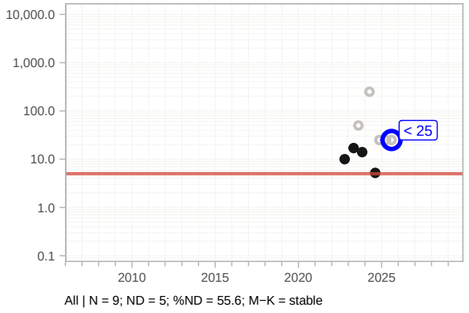
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

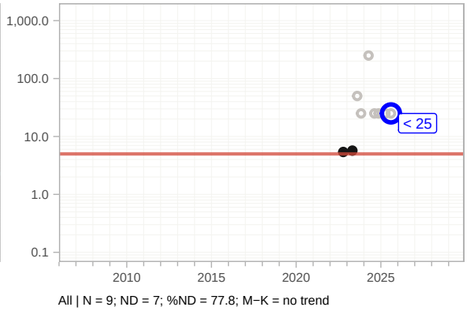
NYS GWQS = 5 ug/L



All | N = 9; ND = 5; %ND = 55.6; M−K = stable

Dichloroethene (1,1−) (ug/L)

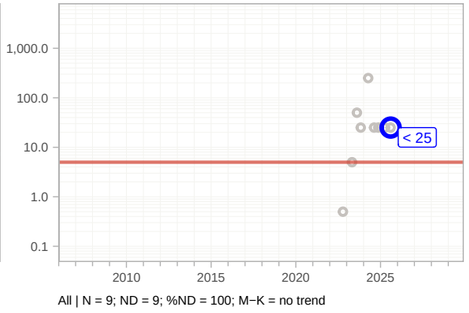
NYS GWQS = 5 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

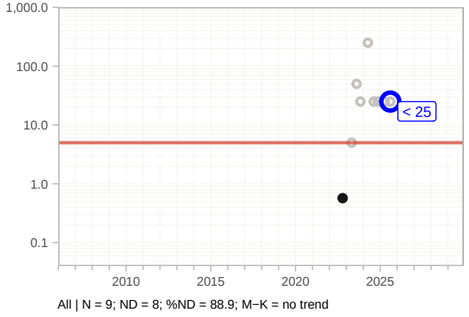
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

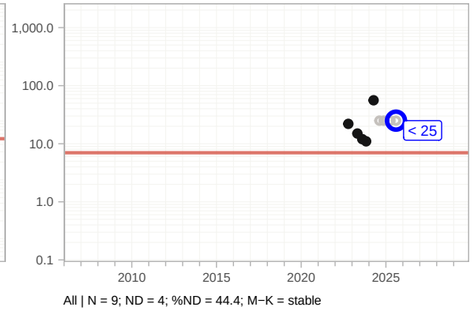
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

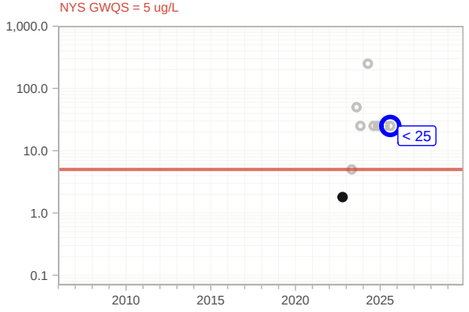
NYS GWQS = 7 ug/L



All | N = 9; ND = 4; %ND = 44.4; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

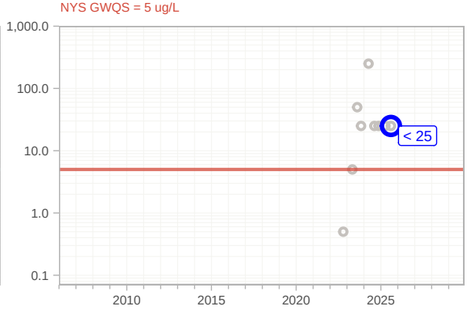
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Chloromethane (ug/L)

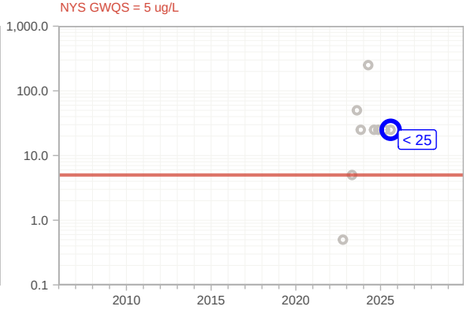
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

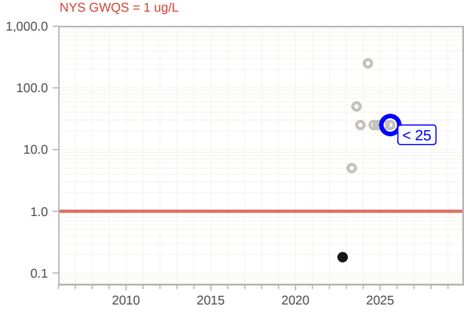
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

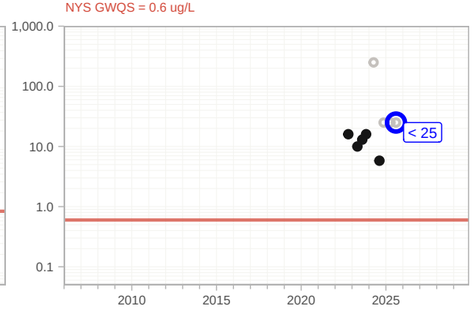
NYS GWQS = 1 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 4; %ND = 44.4; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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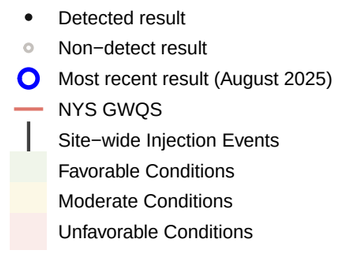
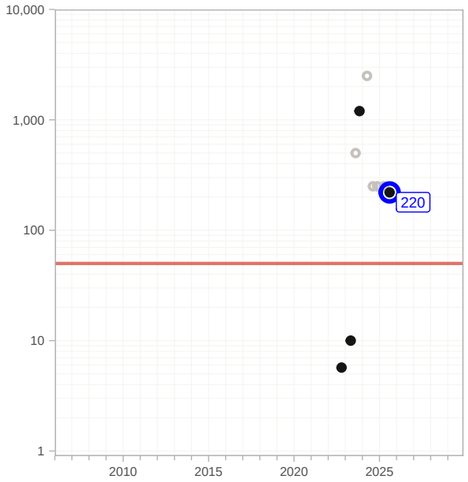
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



D−2 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

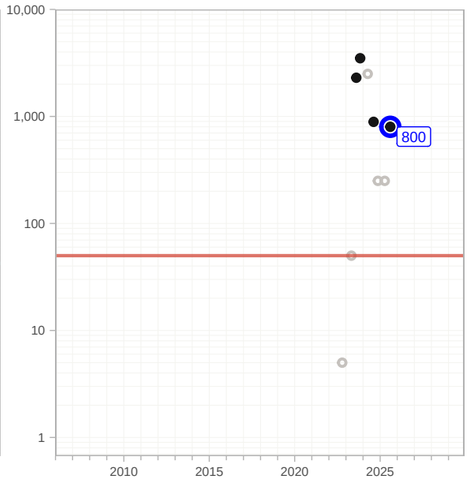
NYS GWQS = 50 ug/L



All | N = 9; ND = 5; %ND = 55.6; M−K = no trend

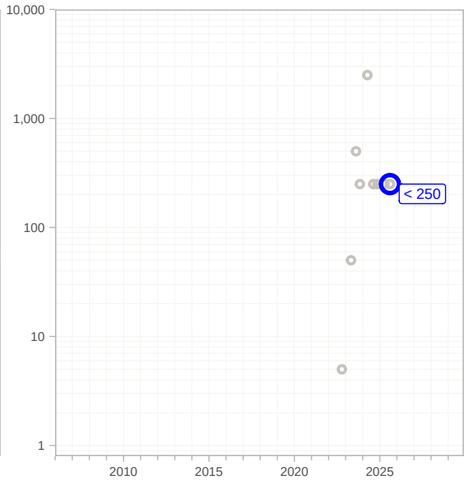
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 9; ND = 5; %ND = 55.6; M−K = stable

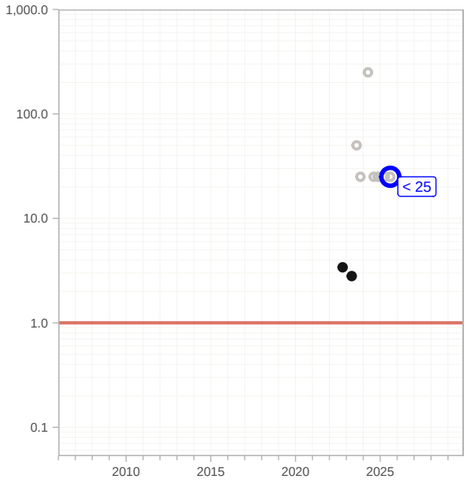
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)

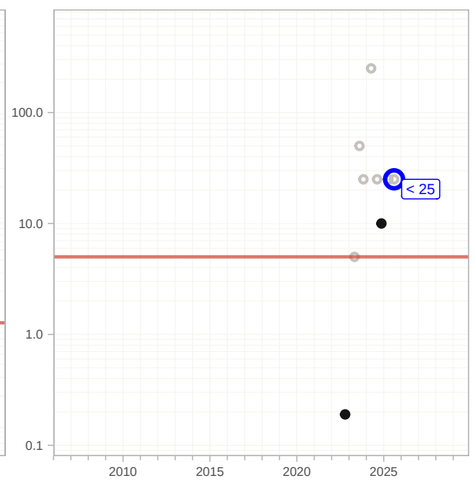
NYS GWQS = 1 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Toluene (ug/L)

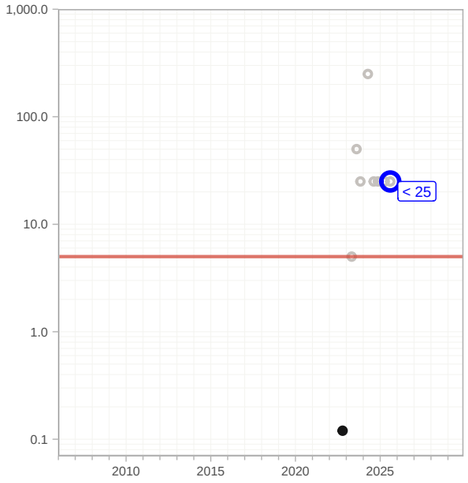
NYS GWQS = 5 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Ethylbenzene (ug/L)

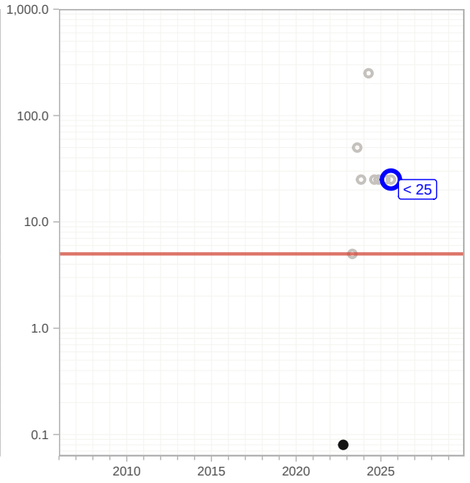
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

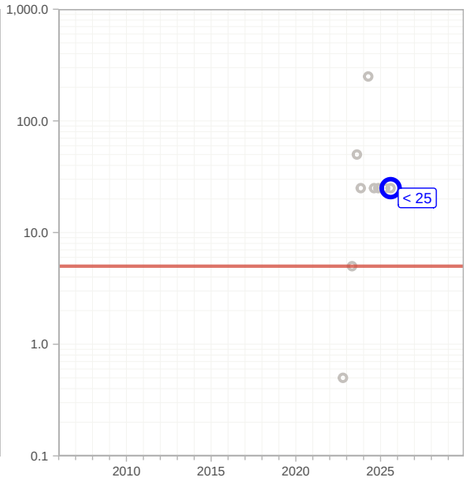
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Xylene (m,p−) (ug/L)

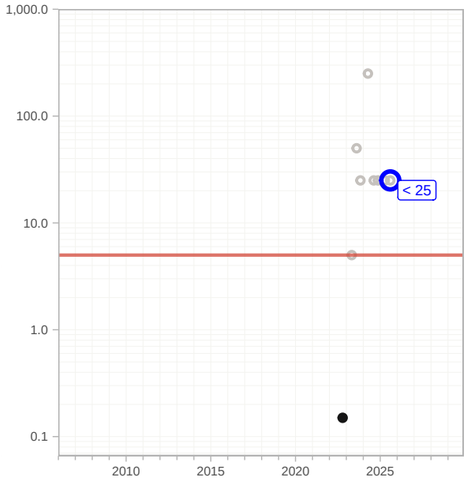
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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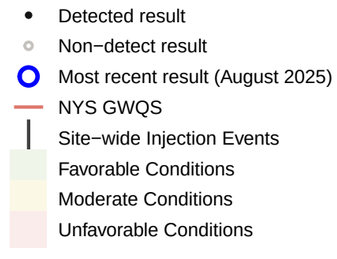
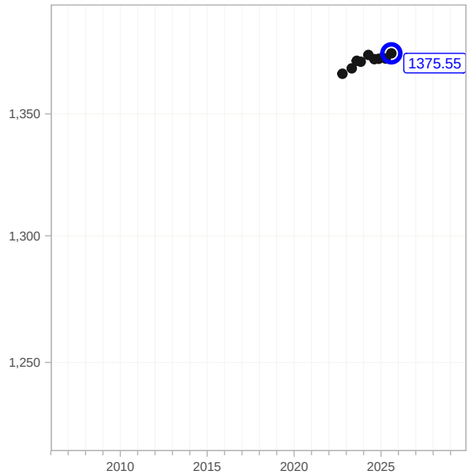
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



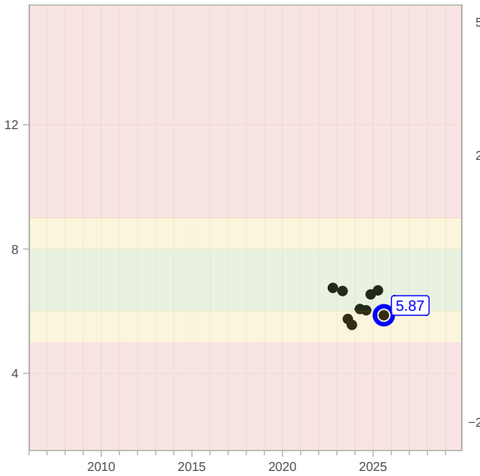
D−2 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



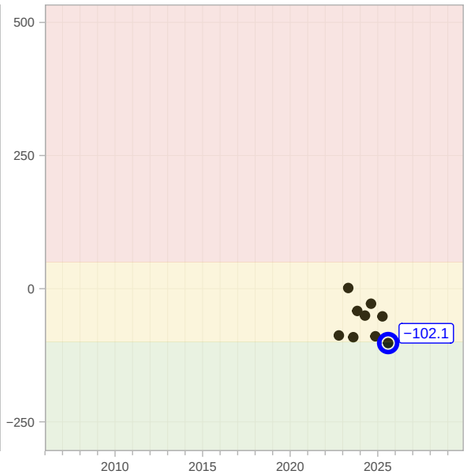
All | N = 9; ND = 0; %ND = 0; M−K = strong increasing

pH (SU)



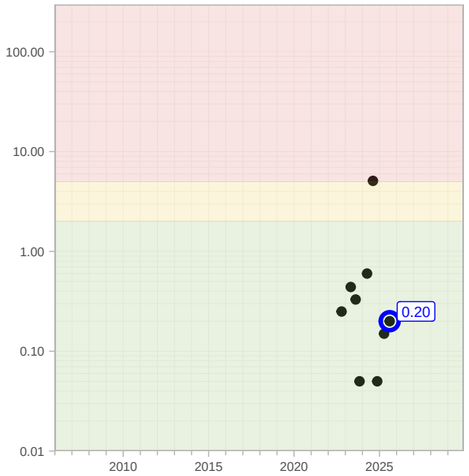
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



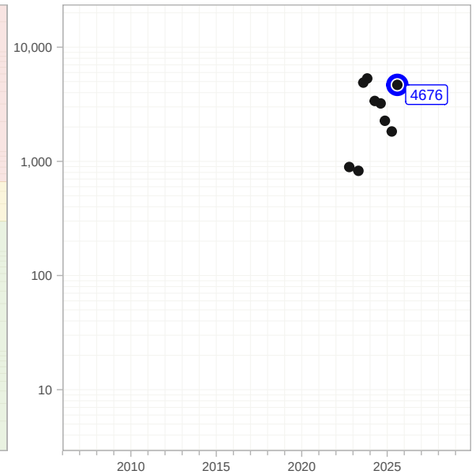
All | N = 9; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



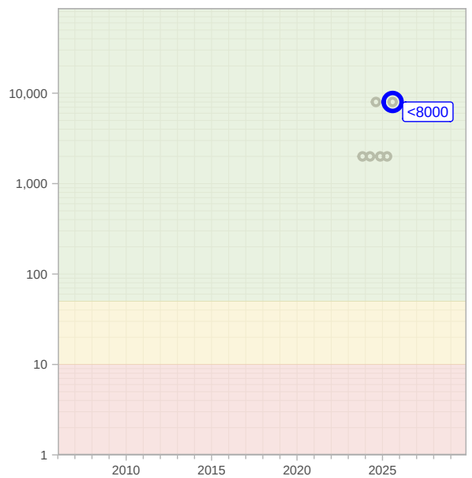
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



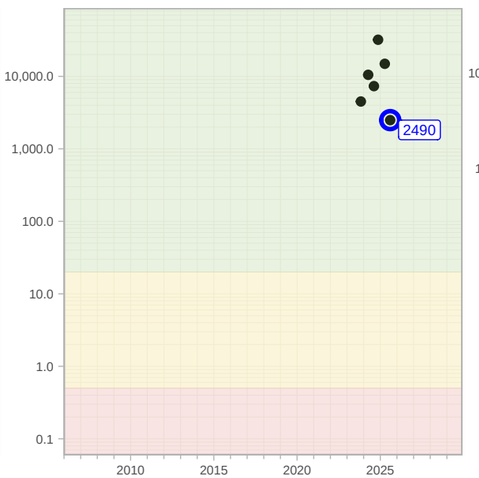
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



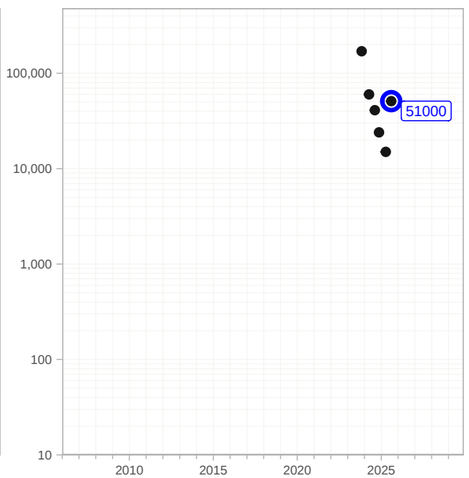
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Methane (ug/L)



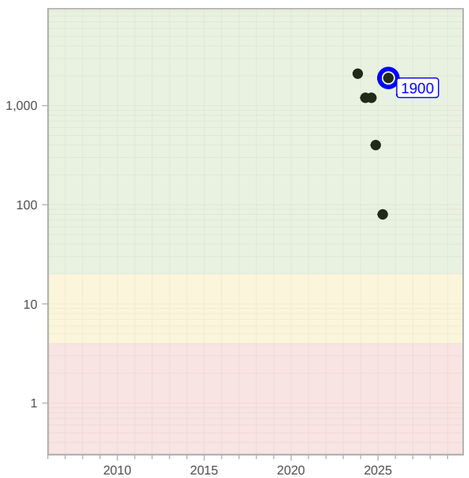
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Iron − Ferrous (ug/L)



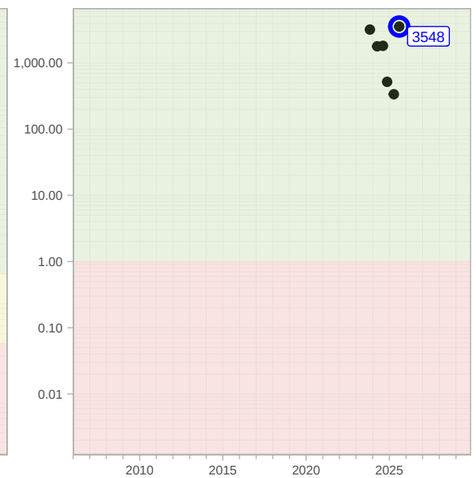
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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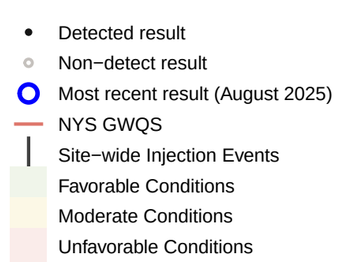
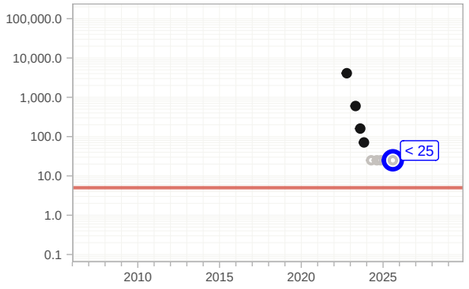
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



D−3 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

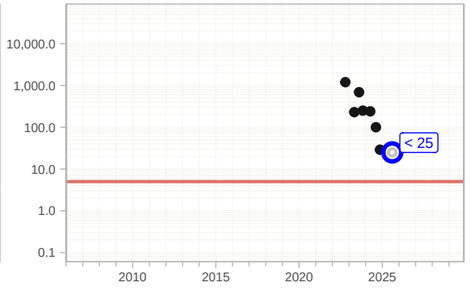
NYS GWQS = 5 ug/L



All | N = 8; ND = 4; %ND = 50; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

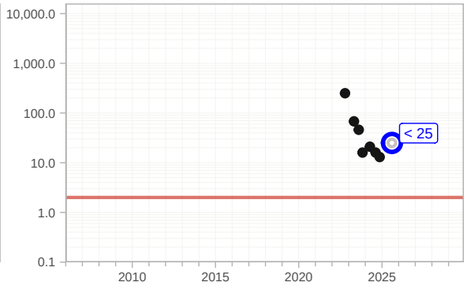
NYS GWQS = 5 ug/L



All | N = 8; ND = 1; %ND = 12.5; M−K = strong decreasing

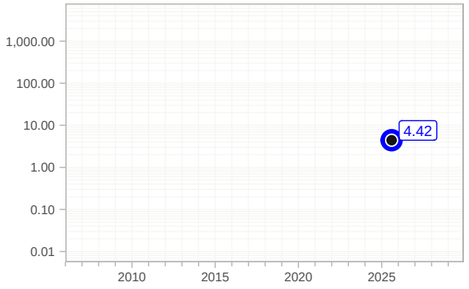
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



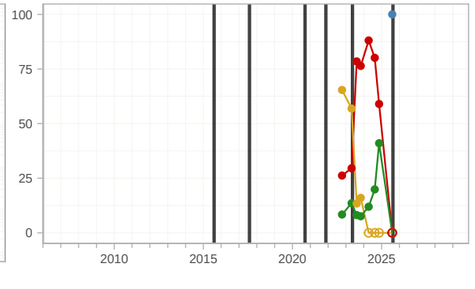
All | N = 8; ND = 1; %ND = 12.5; M−K = decreasing

Ethane + Ethene (ug/L)



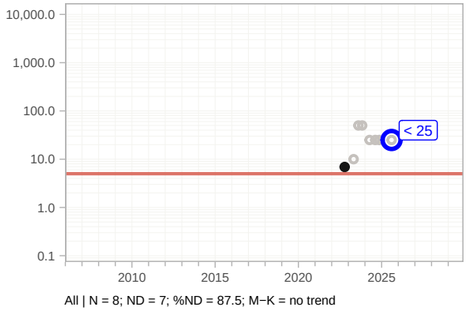
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

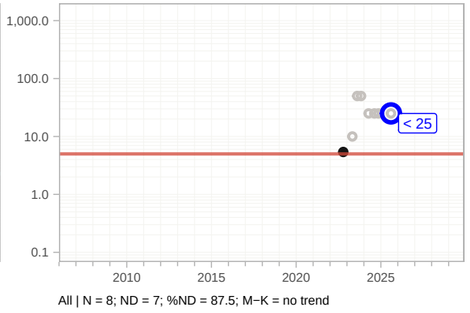
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Dichloroethene (1,1−) (ug/L)

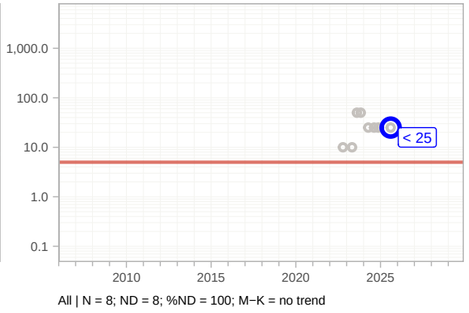
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

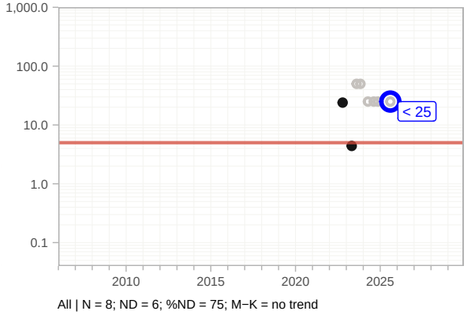
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

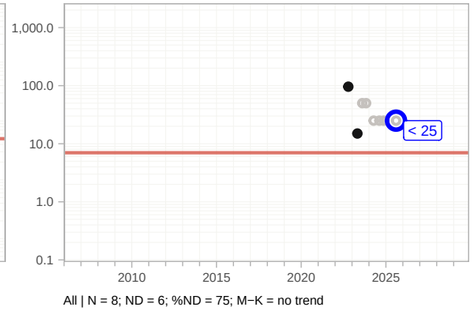
NYS GWQS = 5 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

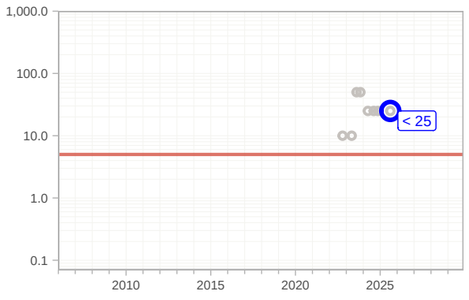
NYS GWQS = 7 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

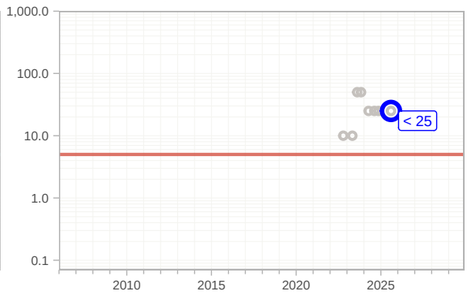
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloromethane (ug/L)

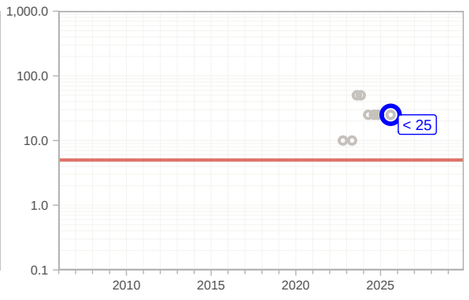
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

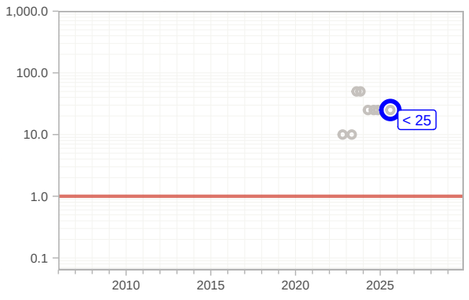
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

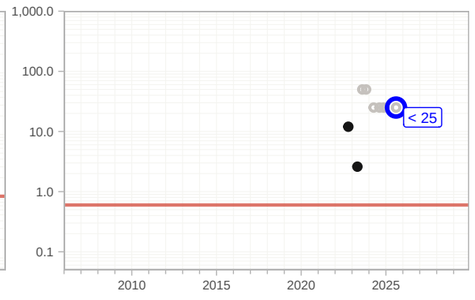
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

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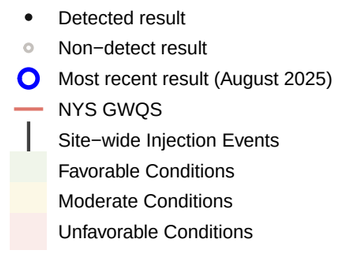
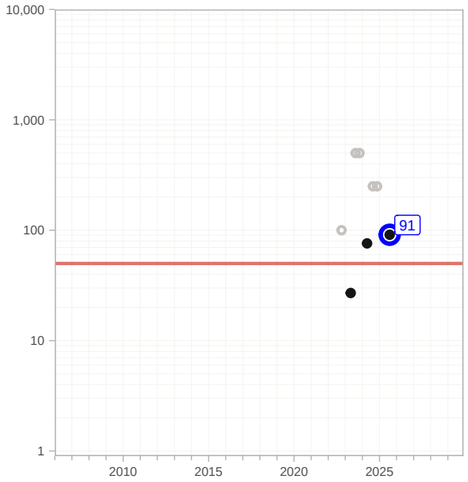


D−3 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

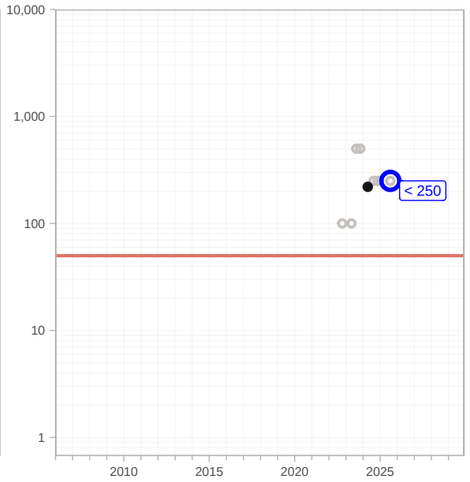
NYS GWQS = 50 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

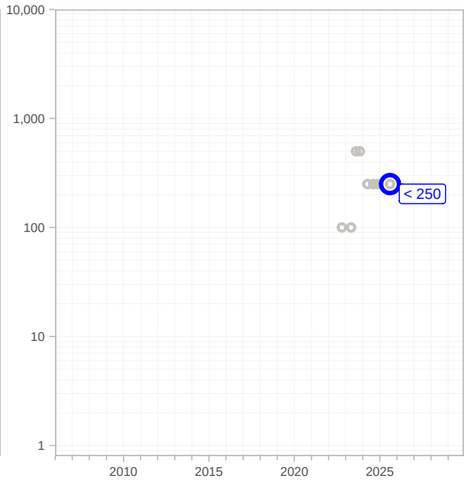
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

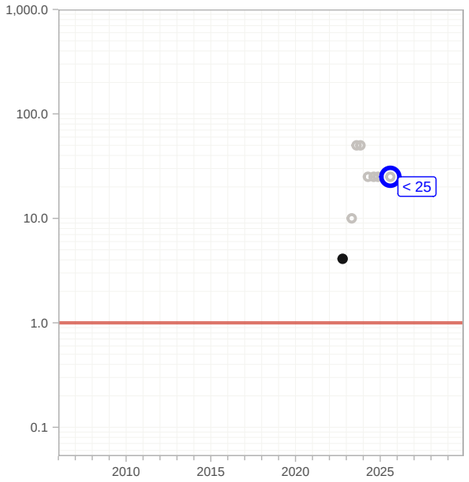
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)

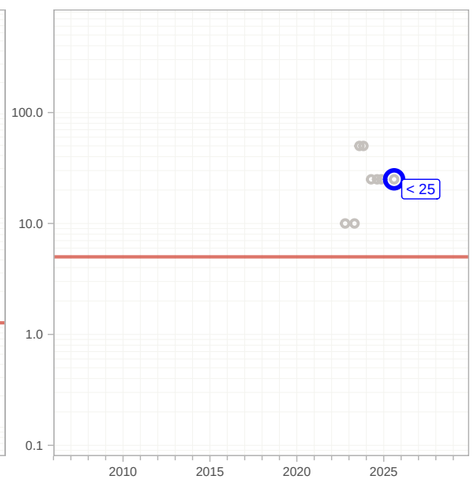
NYS GWQS = 1 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Toluene (ug/L)

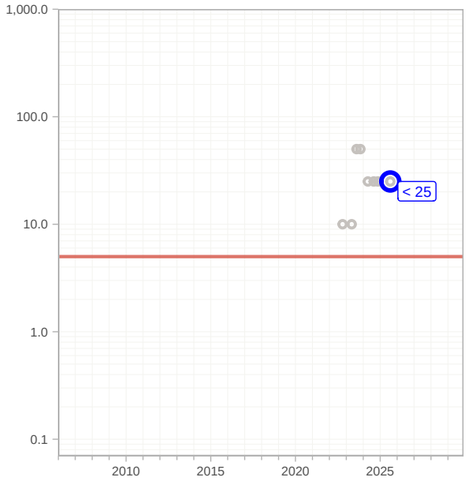
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)

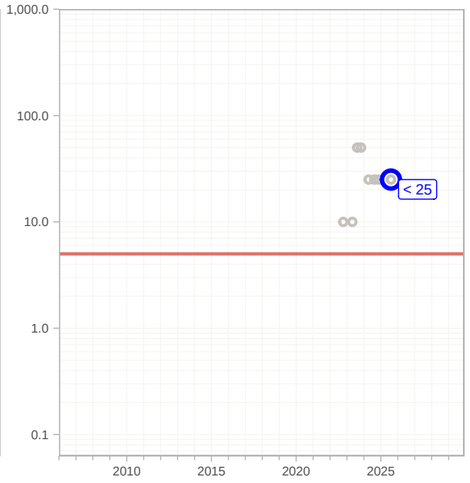
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

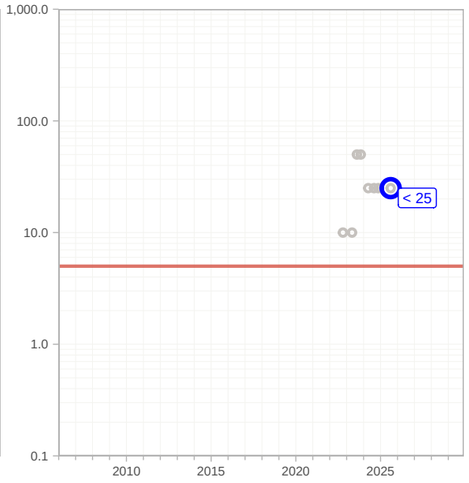
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

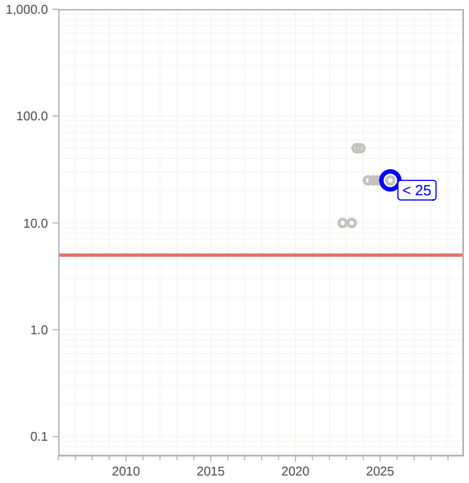
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

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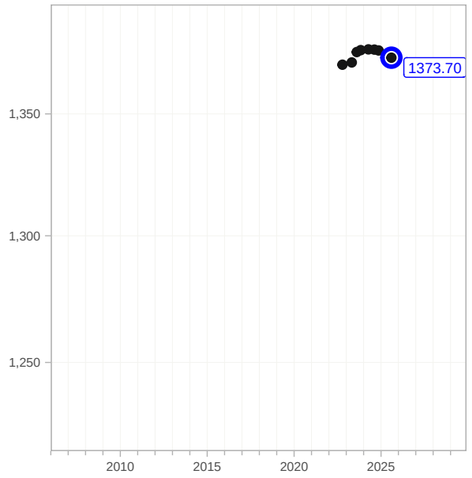
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

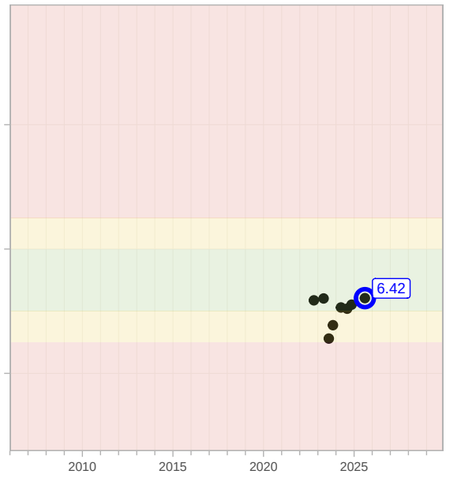
D−3 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



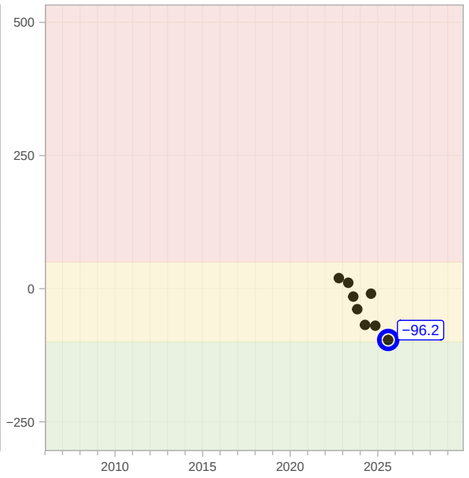
All | N = 8; ND = 0; %ND = 0; M−K = stable

pH (SU)



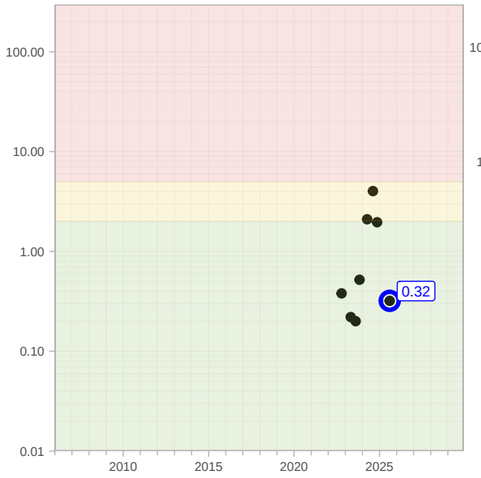
All | N = 8; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



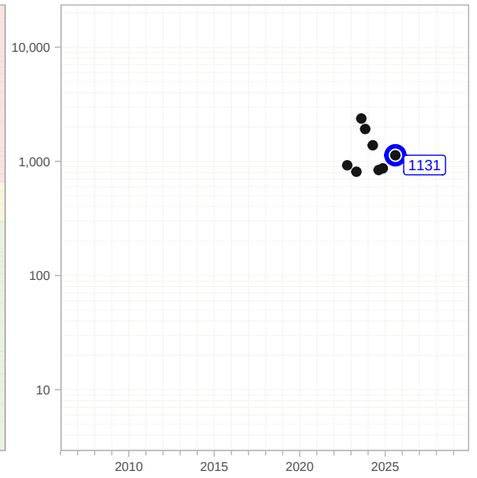
All | N = 8; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



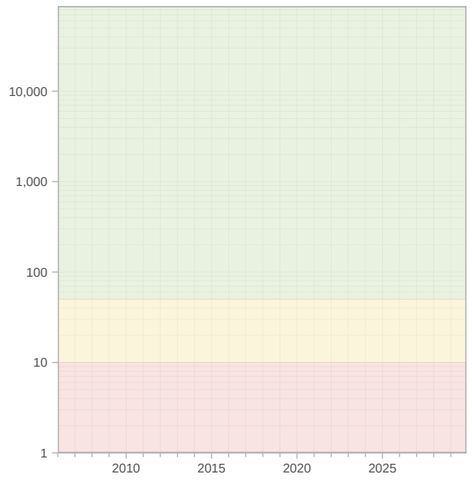
All | N = 8; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



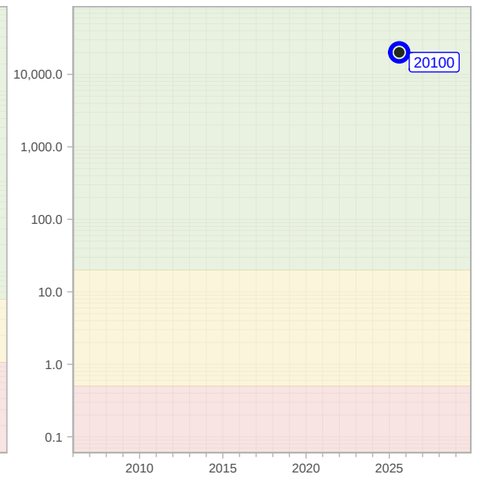
All | N = 8; ND = 0; %ND = 0; M−K = stable

Sulfide



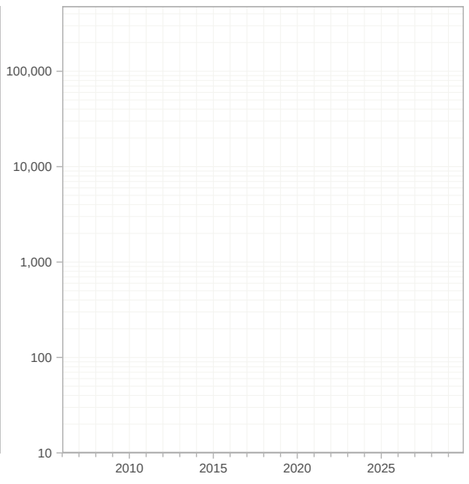
No Data

Methane (ug/L)



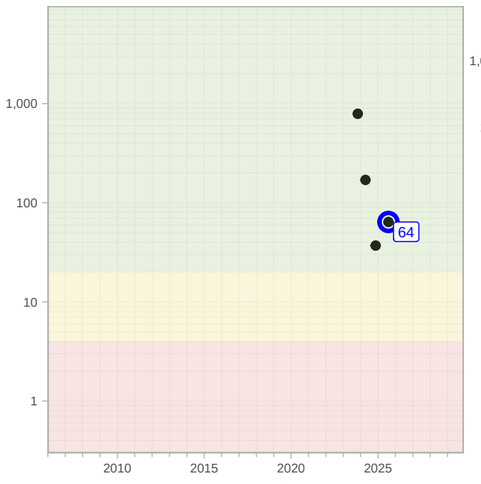
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



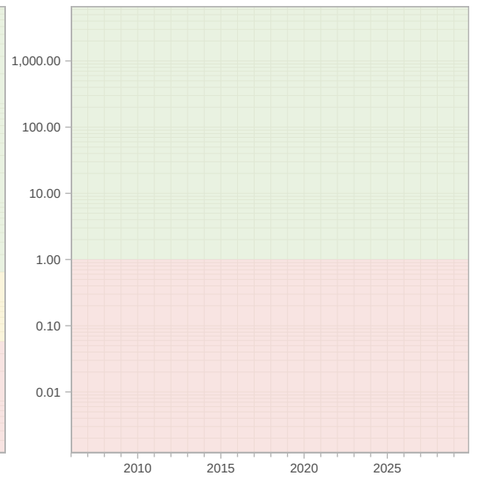
No Data

Total Organic Carbon (mg/L)



All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
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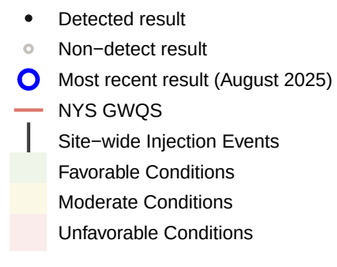
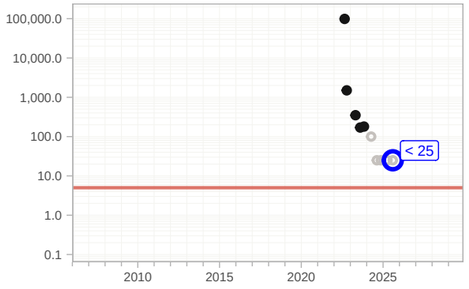


D−4 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

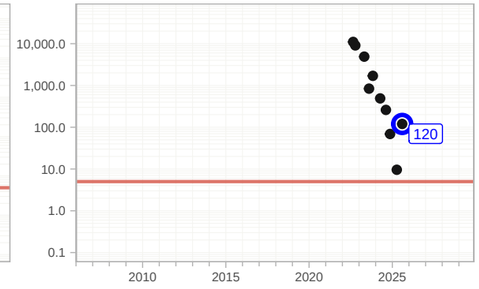
NYS GWQS = 5 ug/L



All | N = 10; ND = 5; %ND = 50; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

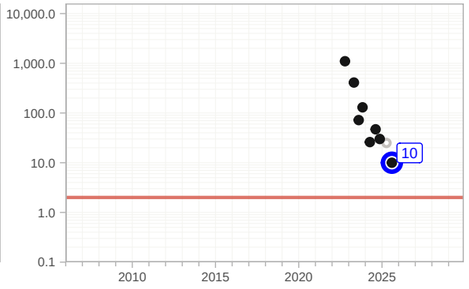
NYS GWQS = 5 ug/L



All | N = 10; ND = 0; %ND = 0; M−K = strong decreasing

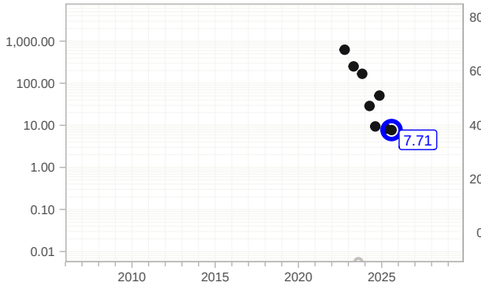
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



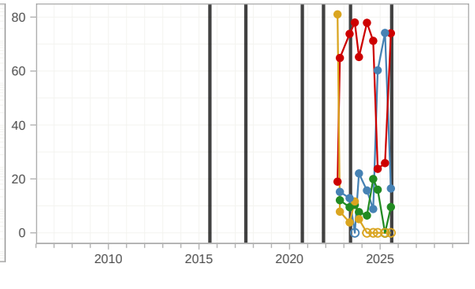
All | N = 9; ND = 1; %ND = 11.1; M−K = strong decreasing

Ethane + Ethene (ug/L)



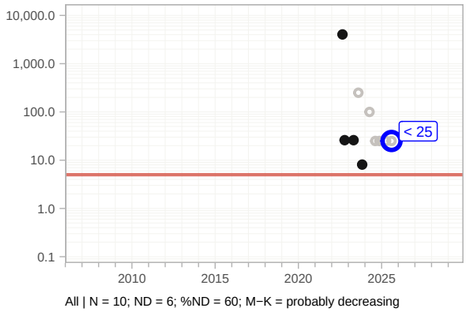
All | N = 9; ND = 1; %ND = 11.1; M−K = decreasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

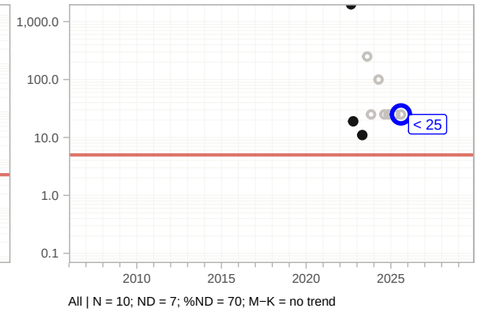
NYS GWQS = 5 ug/L



All | N = 10; ND = 6; %ND = 60; M−K = probably decreasing

Dichloroethene (1,1−) (ug/L)

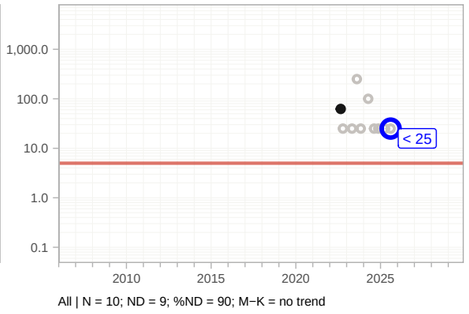
NYS GWQS = 5 ug/L



All | N = 10; ND = 7; %ND = 70; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

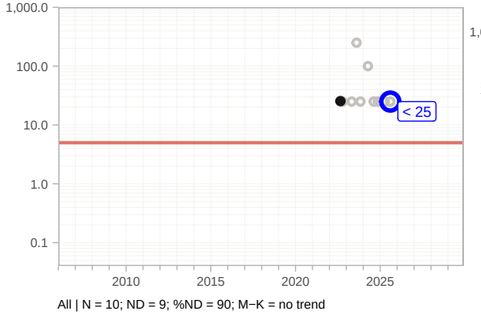
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Carbon tetrachloride (ug/L)

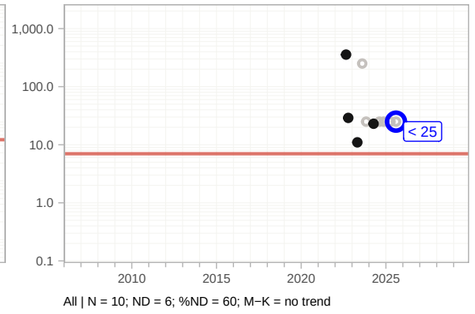
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

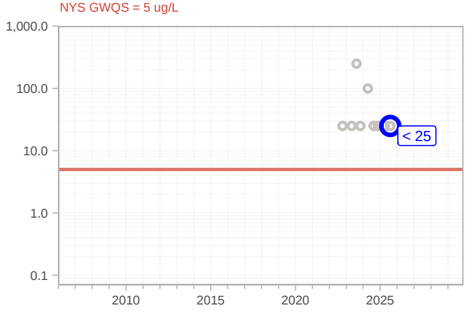
NYS GWQS = 7 ug/L



All | N = 10; ND = 6; %ND = 60; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

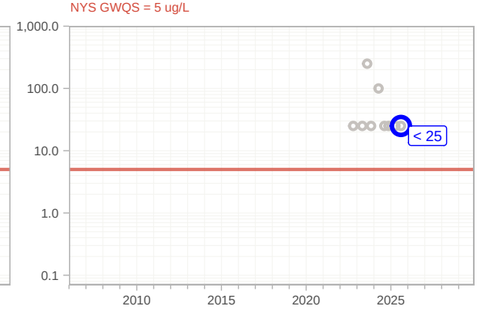
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloromethane (ug/L)

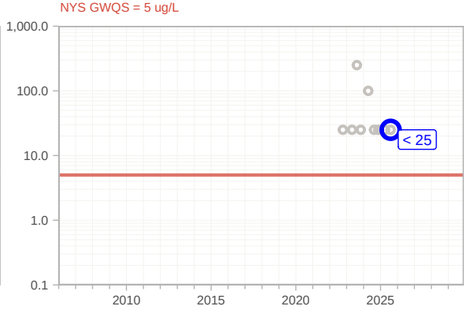
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

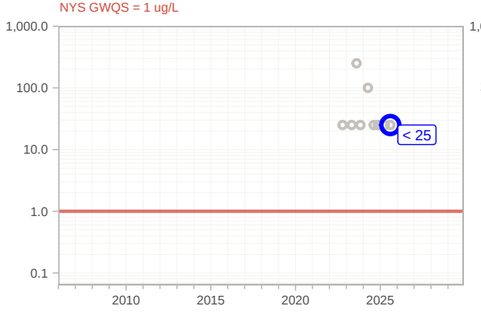
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

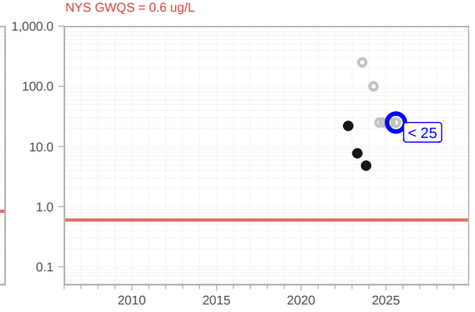
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 6; %ND = 66.7; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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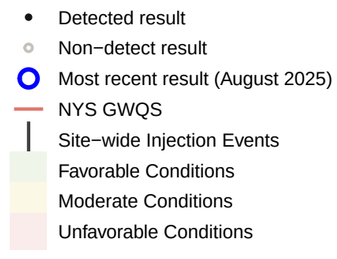
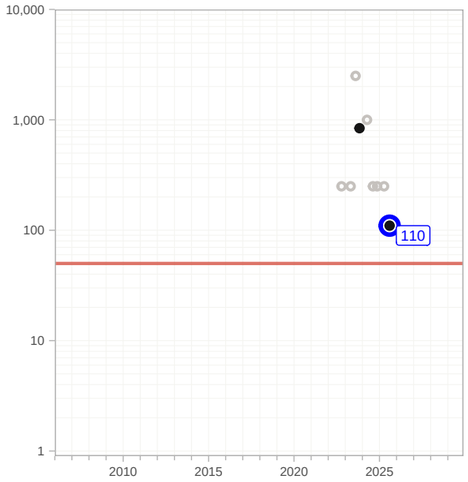


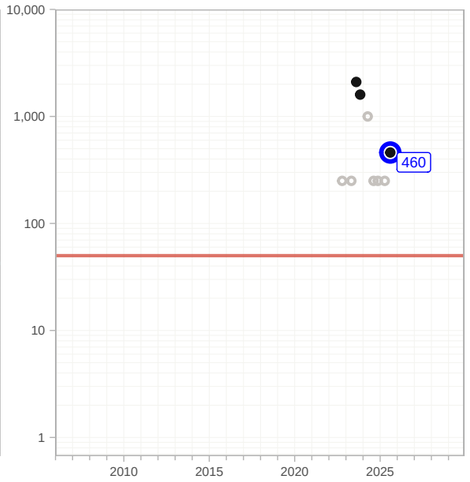
D−4 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



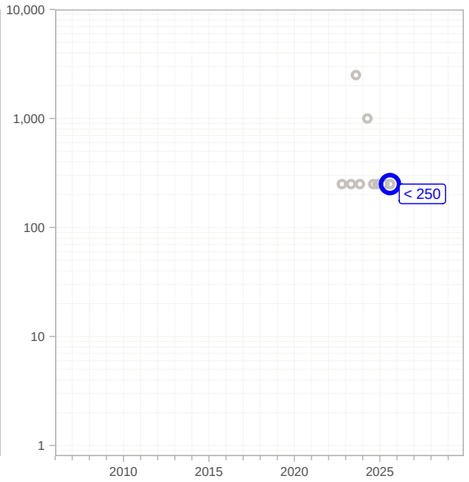
All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Butanone (2−) (MEK) (ug/L)



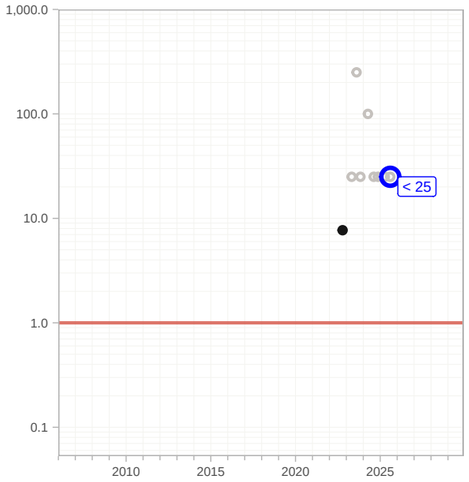
All | N = 9; ND = 6; %ND = 66.7; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



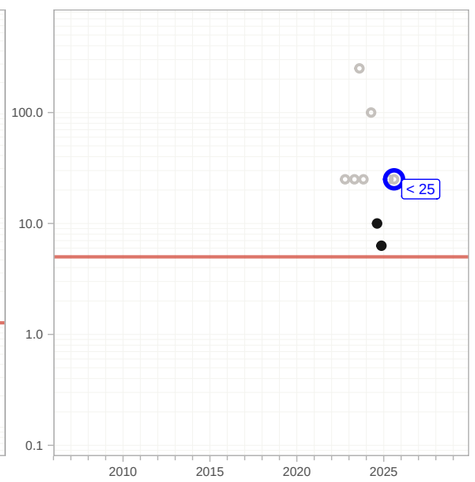
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)



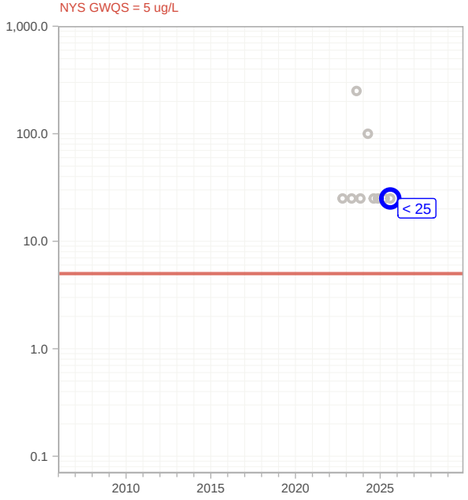
All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Toluene (ug/L)



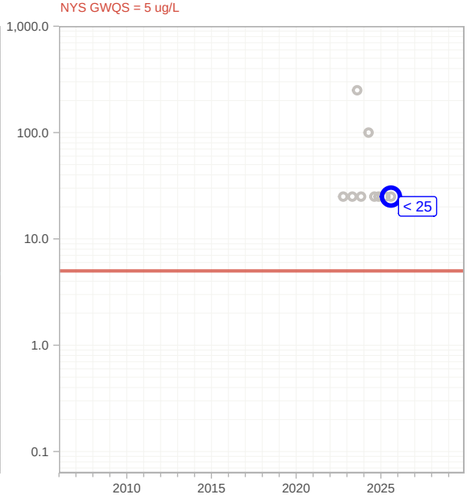
All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Ethylbenzene (ug/L)



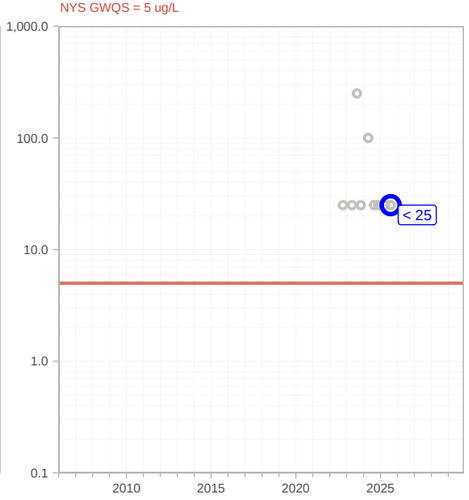
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



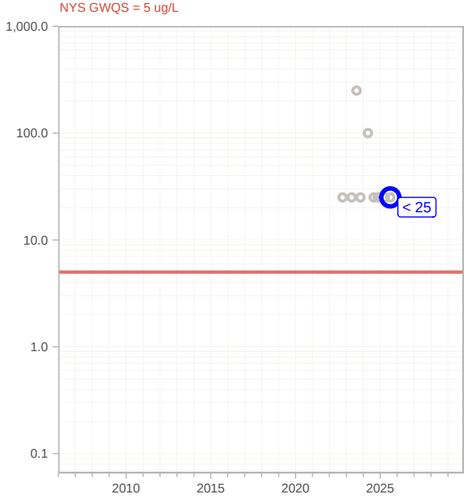
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Notes:
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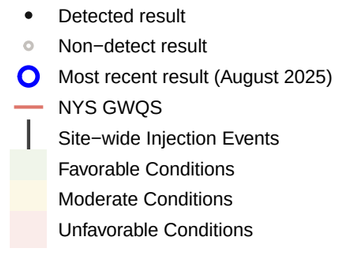
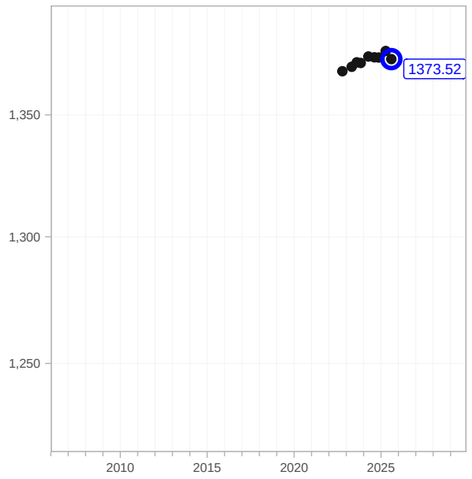


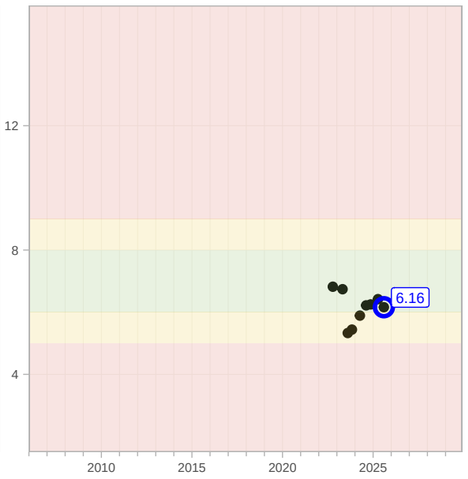
D−4 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



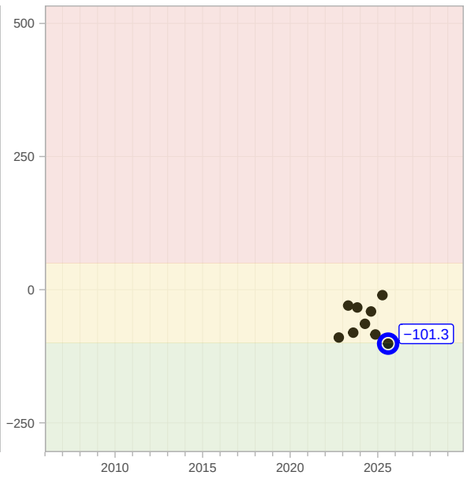
All | N = 9; ND = 0; %ND = 0; M−K = increasing

pH (SU)



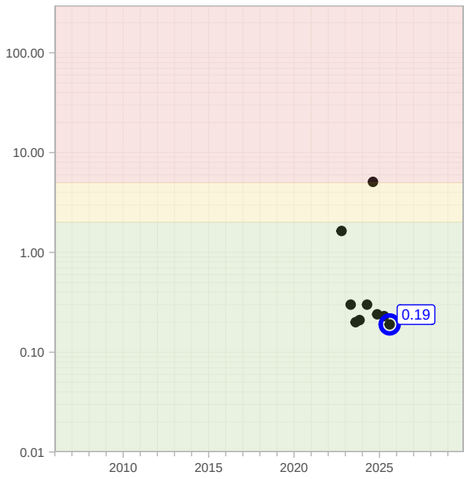
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



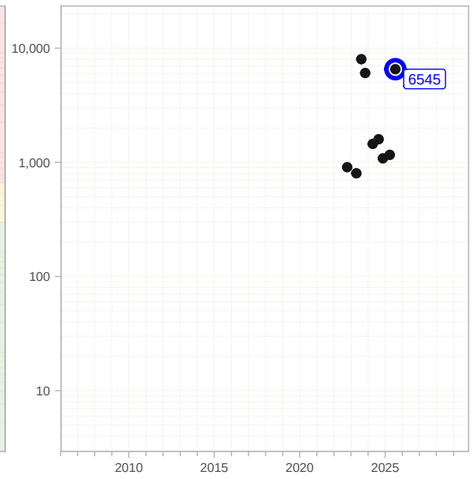
All | N = 9; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



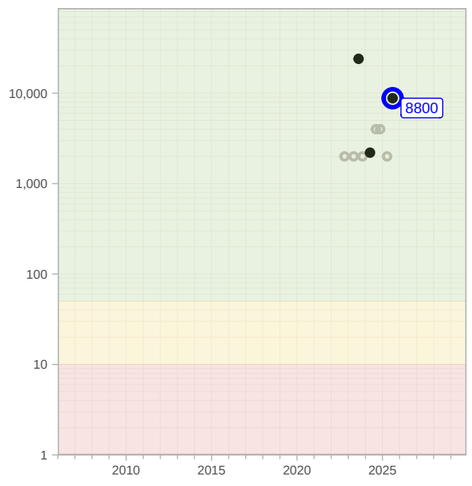
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



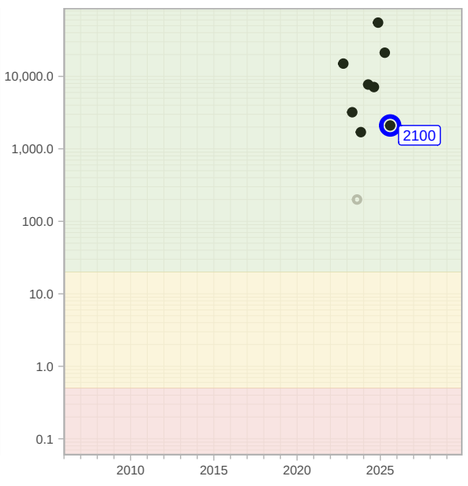
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



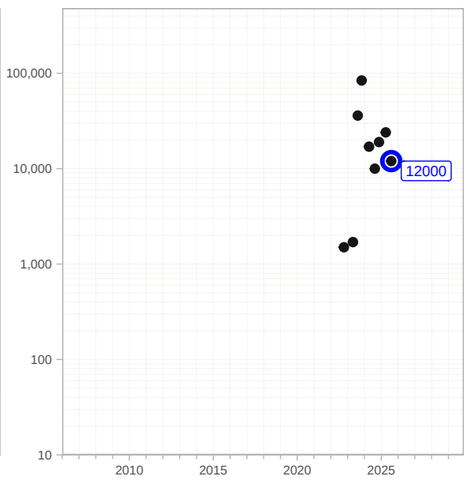
All | N = 9; ND = 6; %ND = 66.7; M−K = no trend

Methane (ug/L)



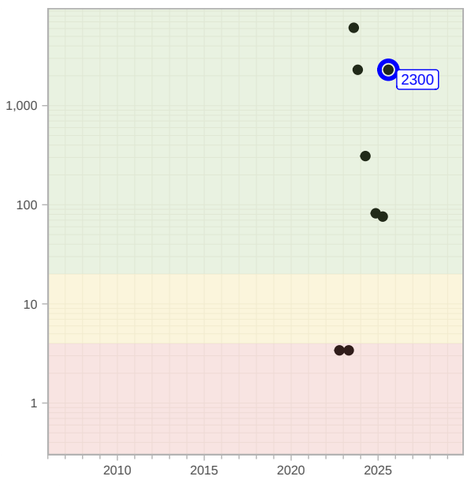
All | N = 9; ND = 1; %ND = 11.1; M−K = no trend

Iron − Ferrous (ug/L)



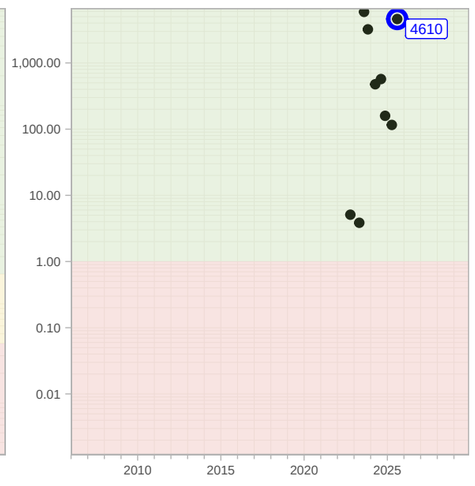
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 8; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 9; ND = 0; %ND = 0; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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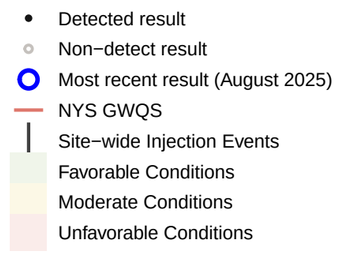
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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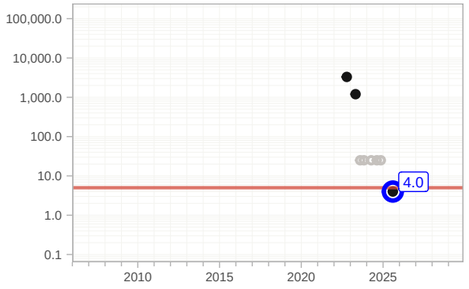
Trichloroethene (TCE) (ug/L)

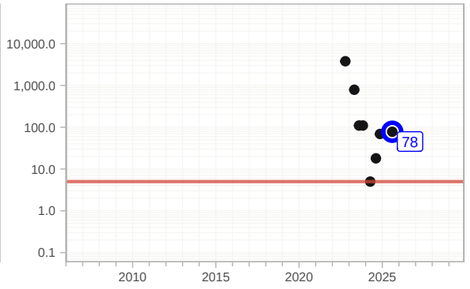
NYS GWQS = 5 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = probably decreasing

Dichloroethene (cis−1,2−) (ug/L)

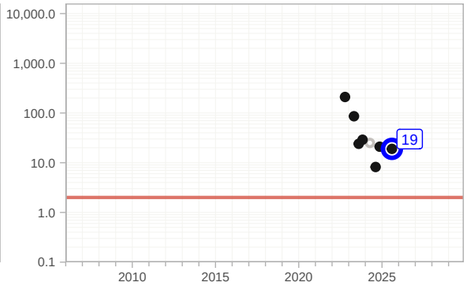
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = probably decreasing

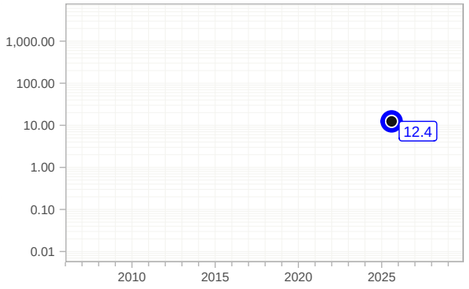
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



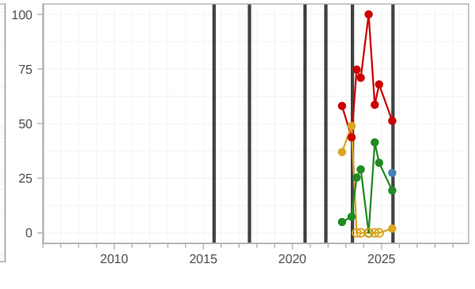
All | N = 8; ND = 1; %ND = 12.5; M−K = decreasing

Ethane + Ethene (ug/L)



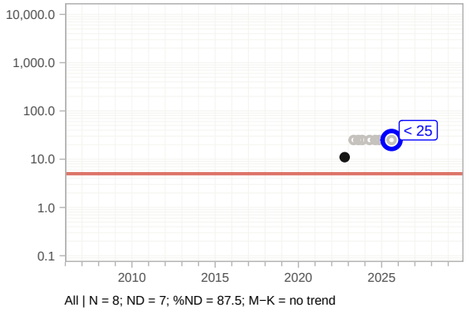
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

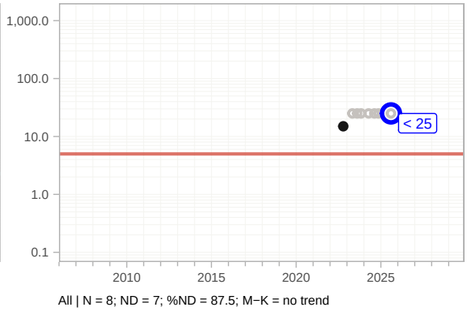
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Dichloroethene (1,1−) (ug/L)

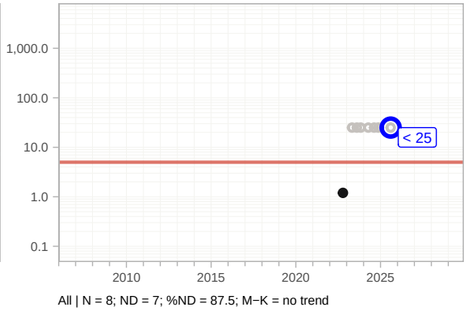
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

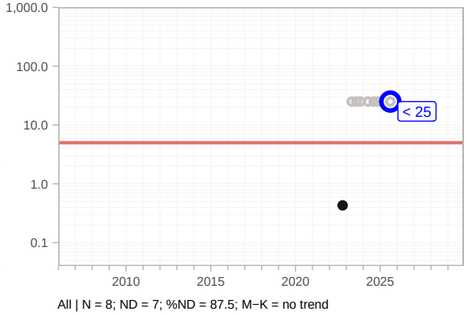
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Carbon tetrachloride (ug/L)

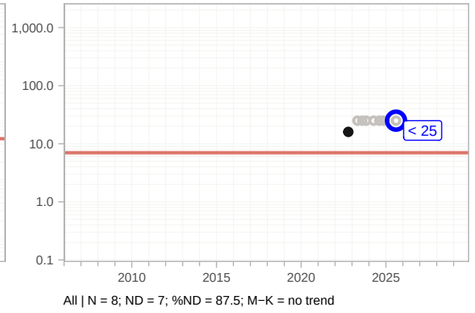
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

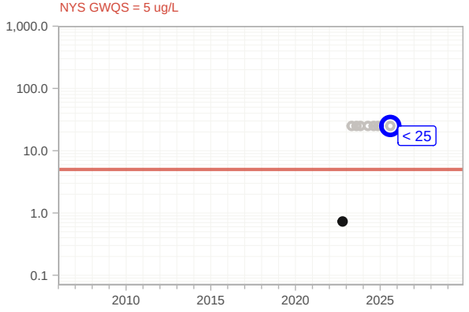
NYS GWQS = 7 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

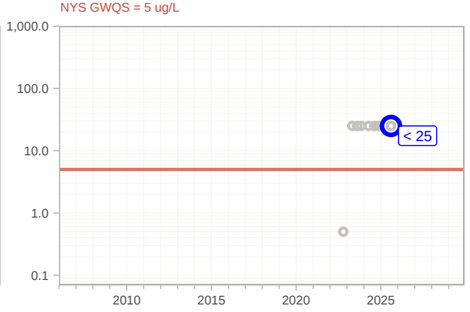
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Chloromethane (ug/L)

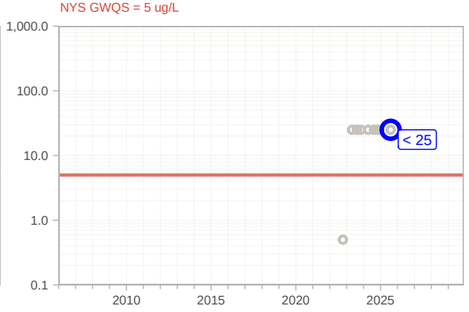
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

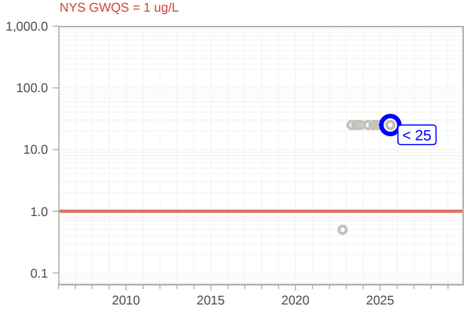
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

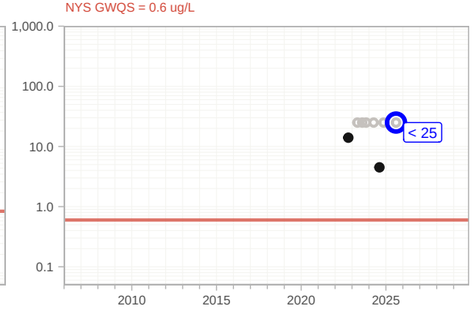
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Notes:
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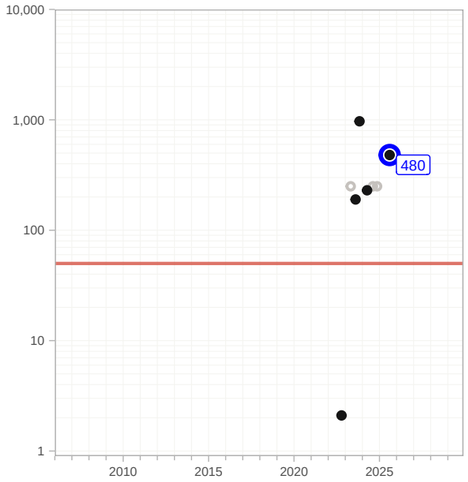
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

Detected result
Non−detect result
Most recent result (August 2025)
NYS GWQS
Site−wide Injection Events
Favorable Conditions
Moderate Conditions
Unfavorable Conditions

D−5 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

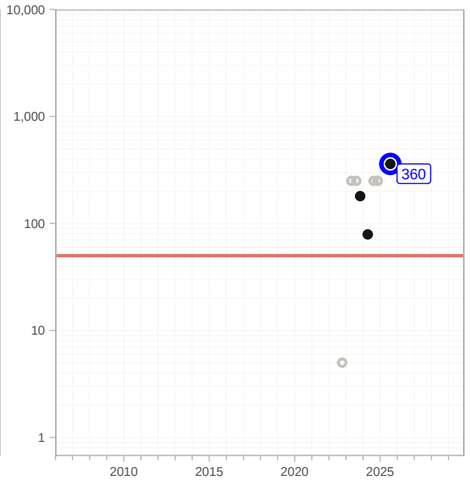
NYS GWQS = 50 ug/L



All | N = 8; ND = 3; %ND = 37.5; M−K = no trend

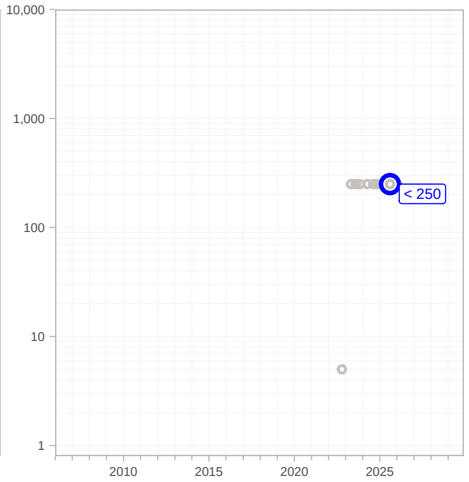
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

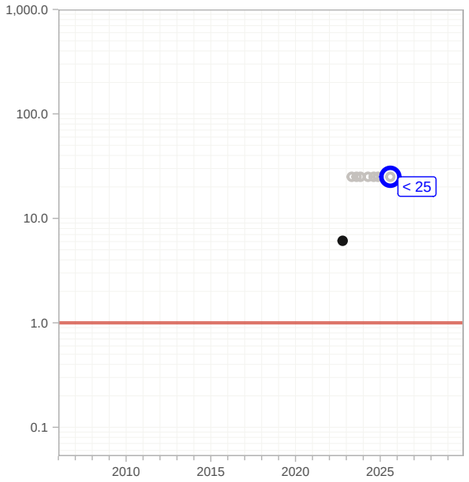
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)

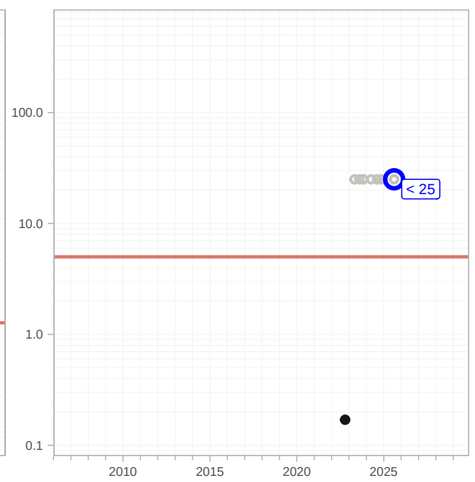
NYS GWQS = 1 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Toluene (ug/L)

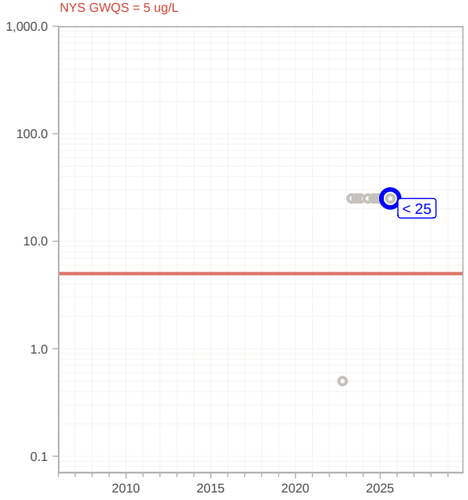
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Ethylbenzene (ug/L)

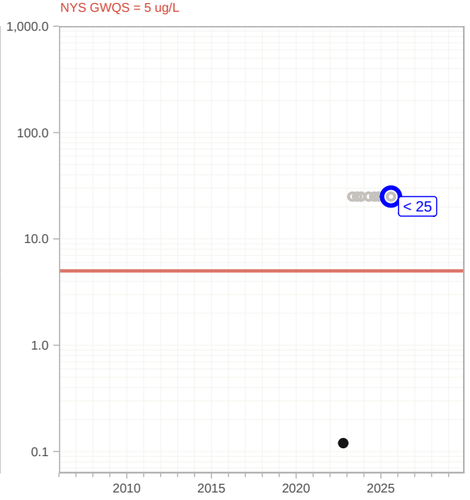
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

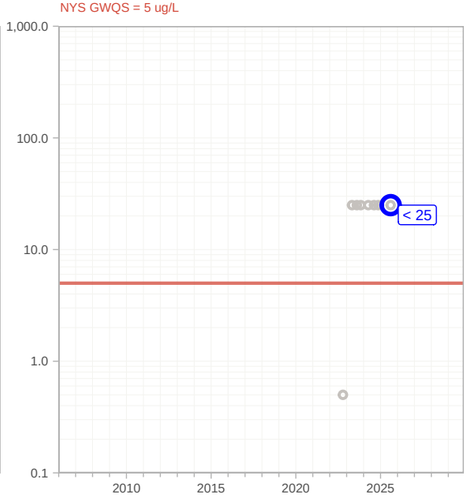
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Xylene (m,p−) (ug/L)

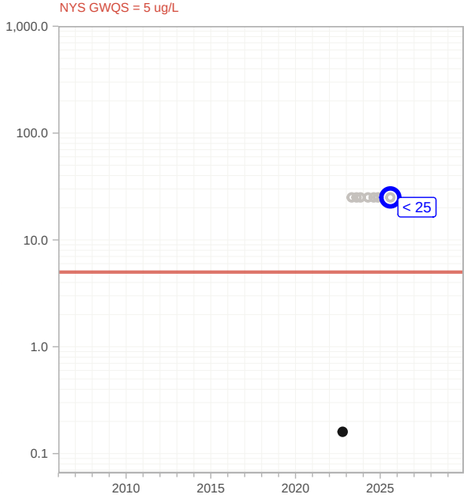
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

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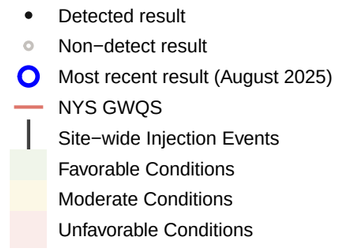
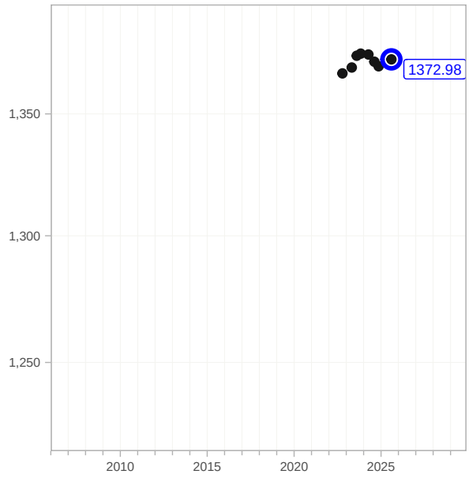


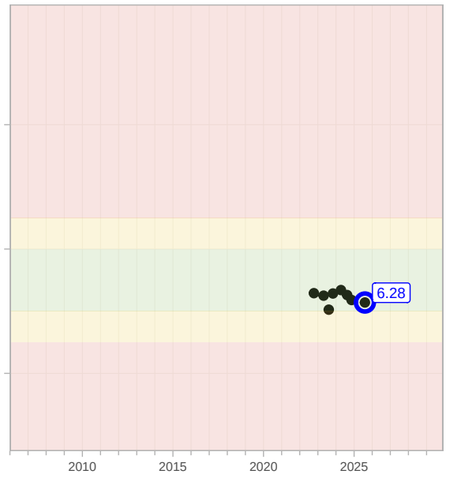
D−5 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



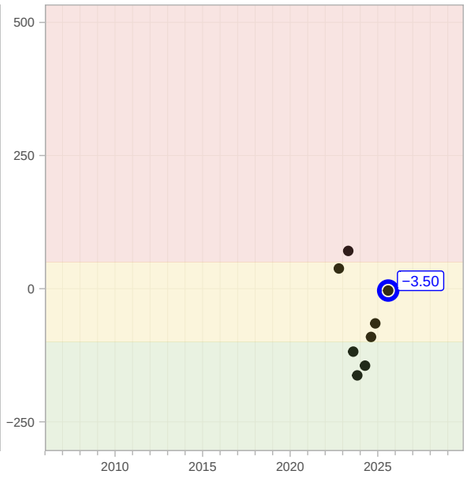
All | N = 8; ND = 0; %ND = 0; M−K = stable

pH (SU)



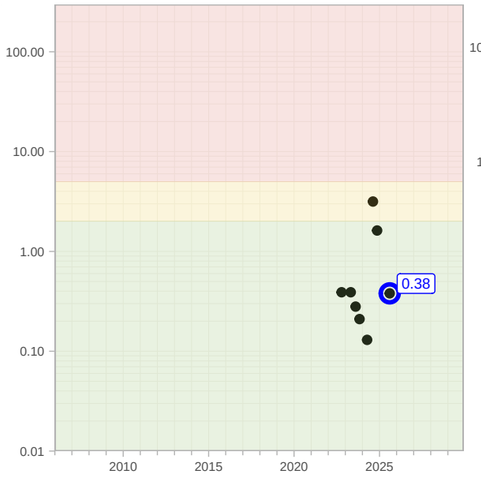
All | N = 8; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



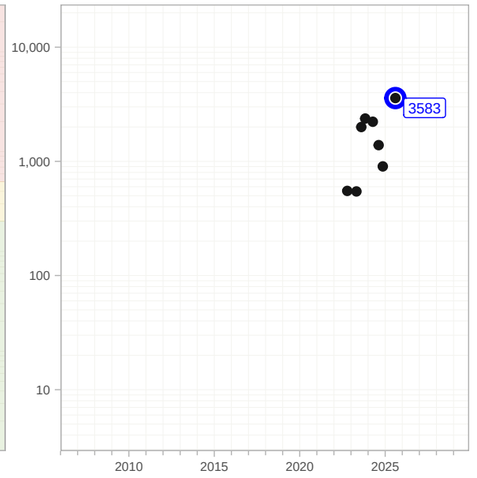
All | N = 8; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



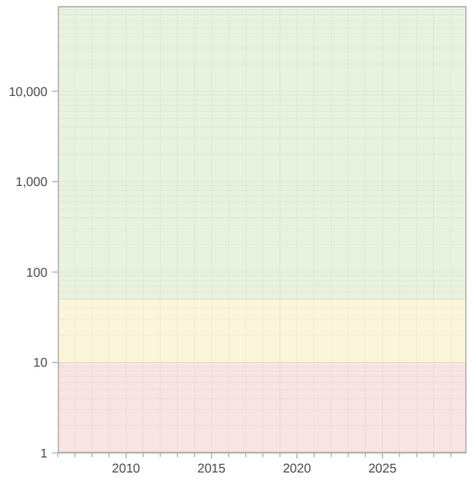
All | N = 8; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



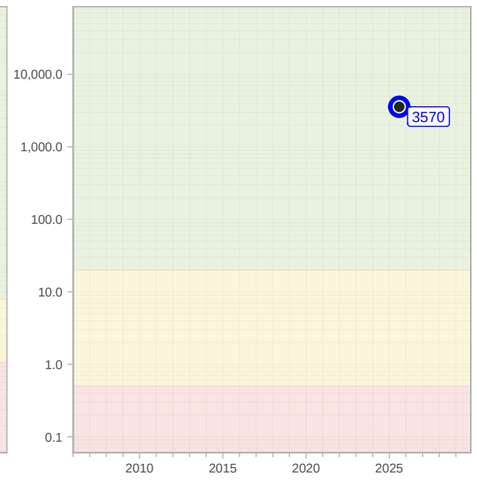
All | N = 8; ND = 0; %ND = 0; M−K = stable

Sulfide



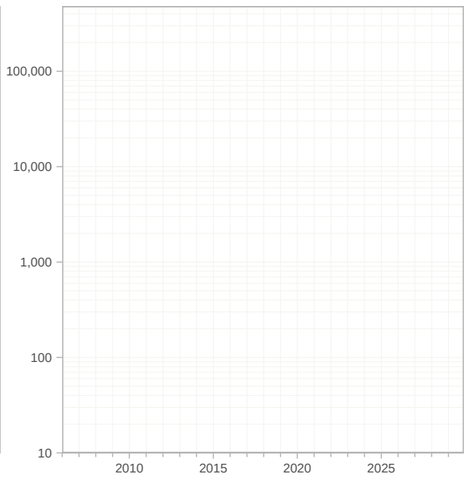
No Data

Methane (ug/L)



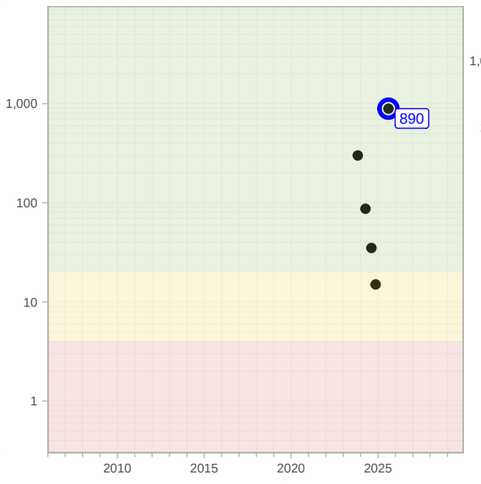
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



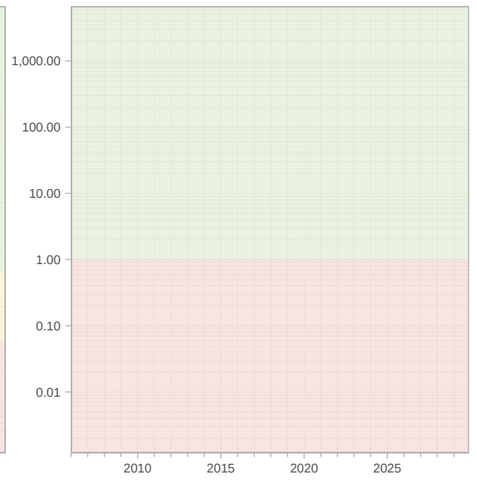
No Data

Total Organic Carbon (mg/L)



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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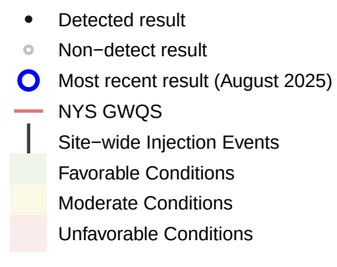
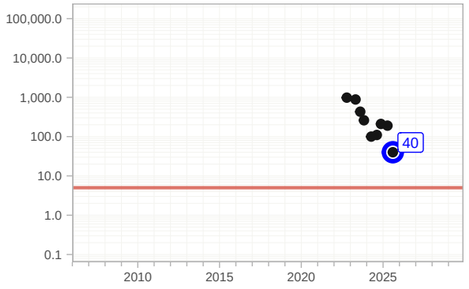


D−6 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

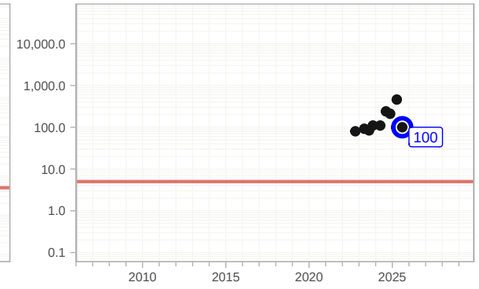
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

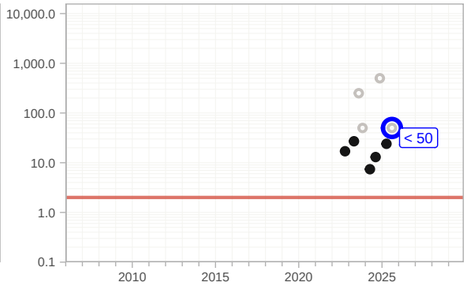
NYS GWQS = 5 ug/L



All | N = 9; ND = 0; %ND = 0; M−K = increasing

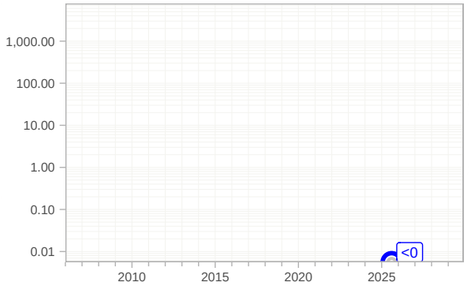
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



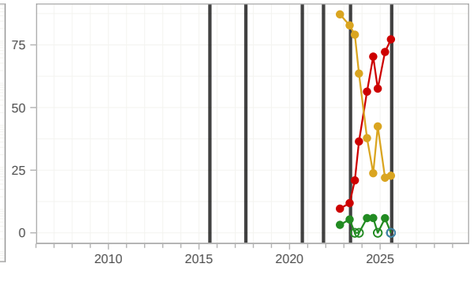
All | N = 9; ND = 4; %ND = 44.4; M−K = stable

Ethane + Ethene (ug/L)



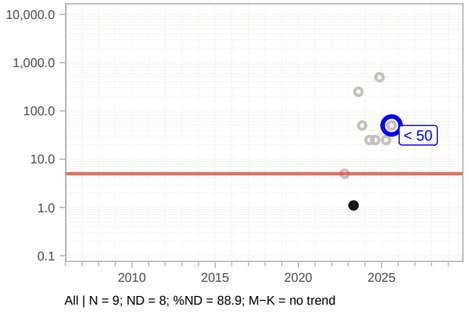
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

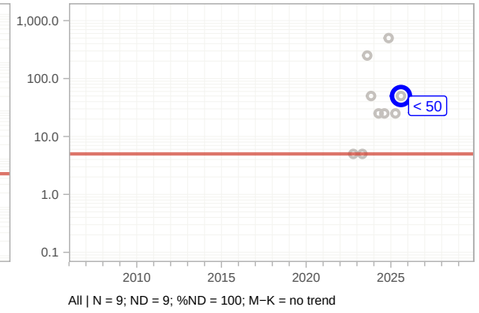
NYS GWQS = 5 ug/L



All | N = 9; ND = 8; %ND = 88.9; M−K = no trend

Dichloroethene (1,1−) (ug/L)

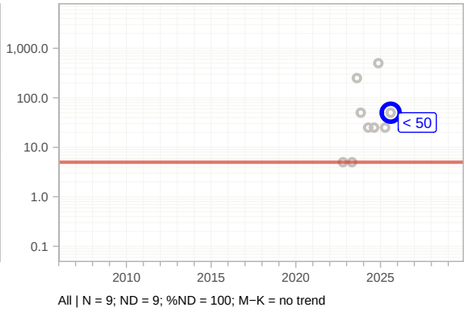
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

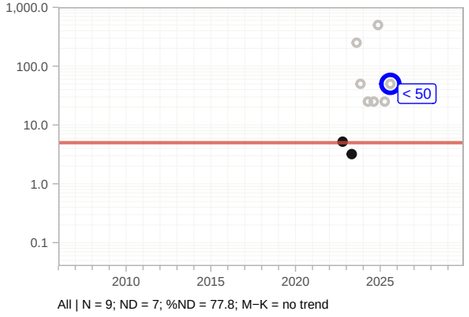
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

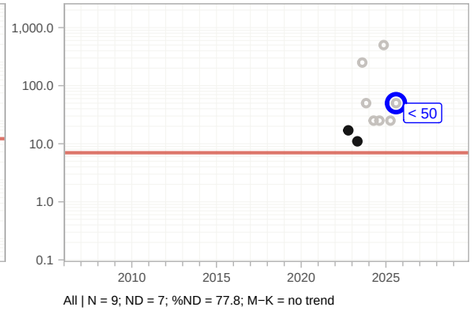
NYS GWQS = 5 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

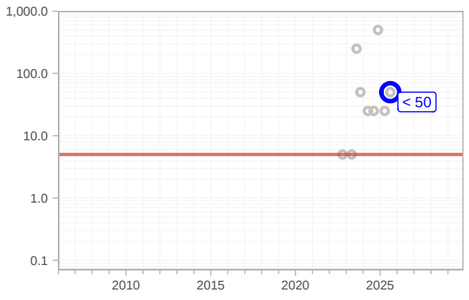
NYS GWQS = 7 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

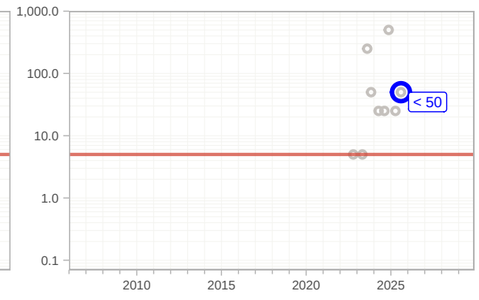
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Chloromethane (ug/L)

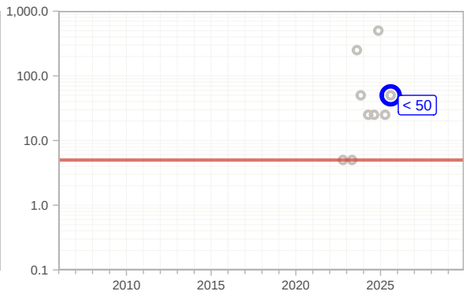
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

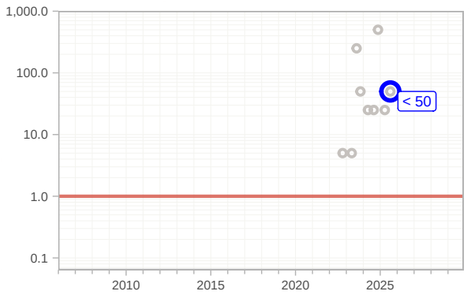
NYS GWQS = 5 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

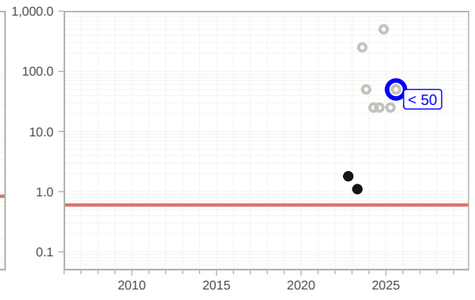
NYS GWQS = 1 ug/L



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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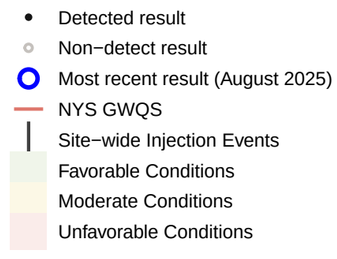
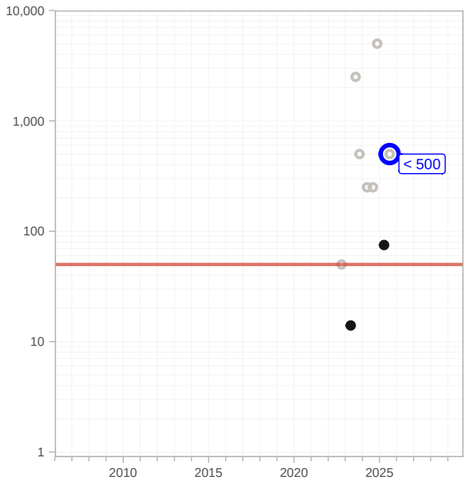


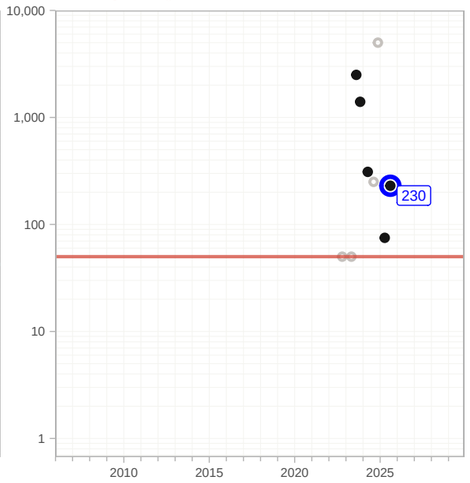
D−6 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



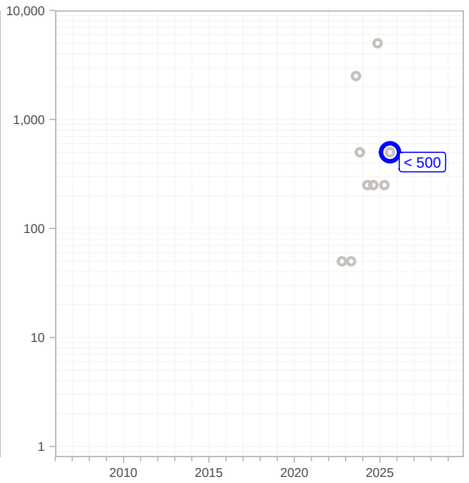
All | N = 9; ND = 7; %ND = 77.8; M−K = no trend

Butanone (2−) (MEK) (ug/L)



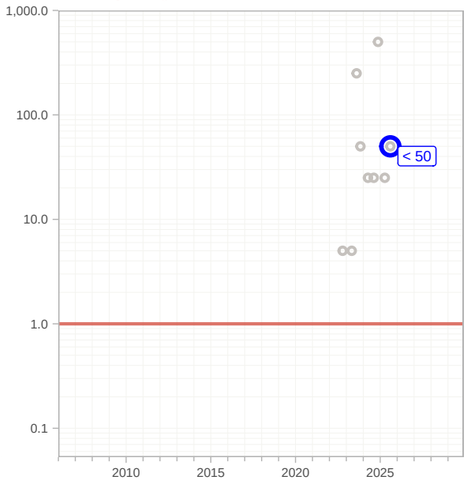
All | N = 9; ND = 4; %ND = 44.4; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



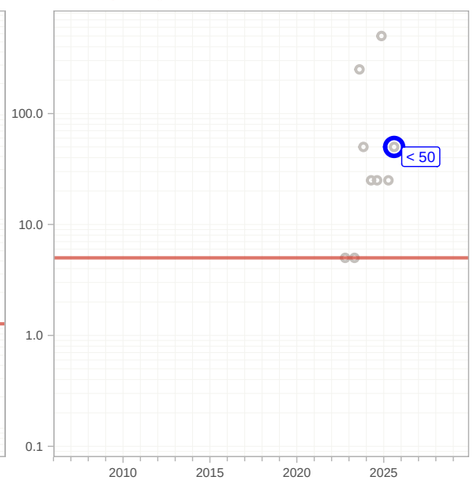
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Benzene (ug/L)



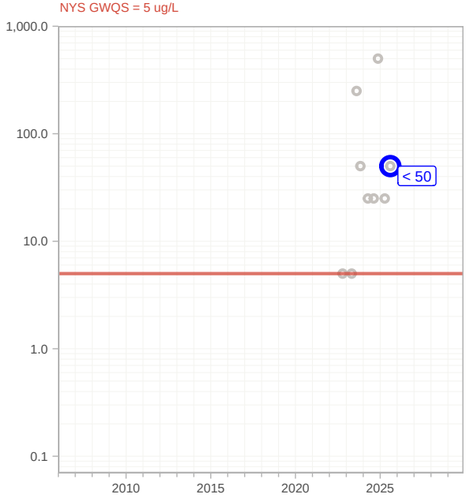
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Toluene (ug/L)



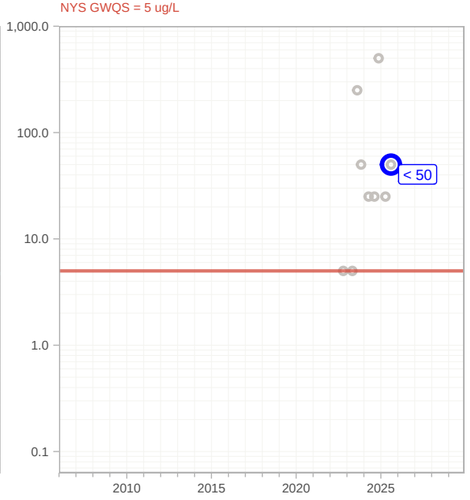
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



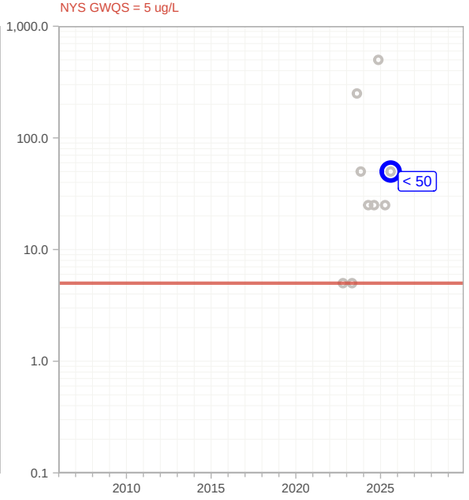
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



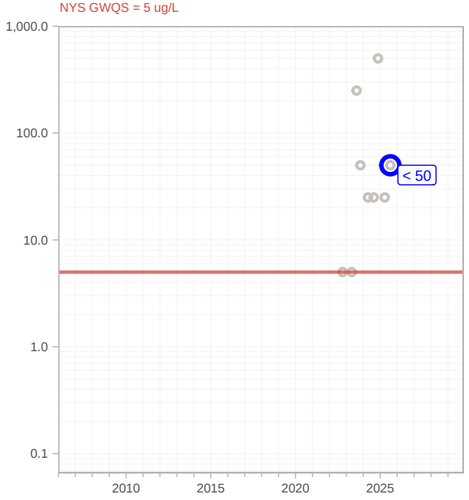
All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 9; ND = 9; %ND = 100; M−K = no trend

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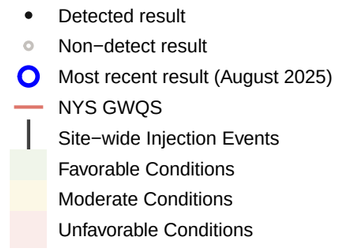
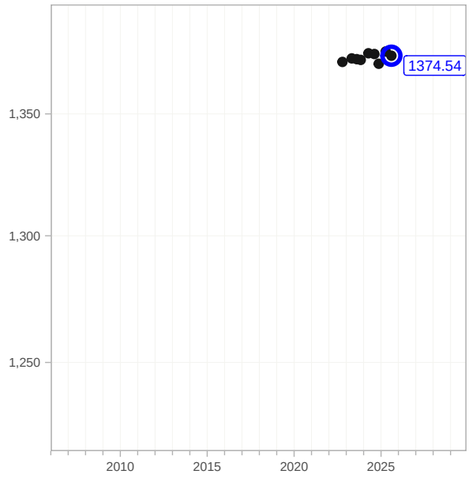


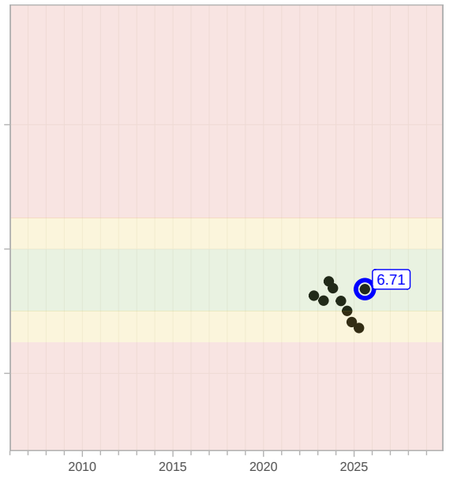
D−6 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



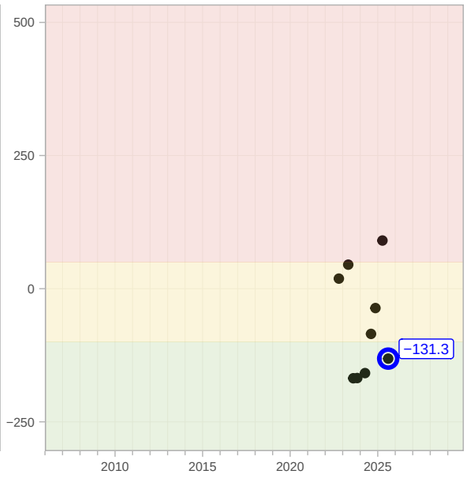
All | N = 9; ND = 0; %ND = 0; M−K = stable

pH (SU)



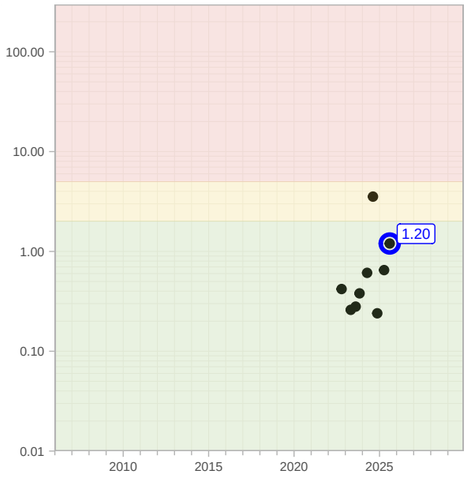
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



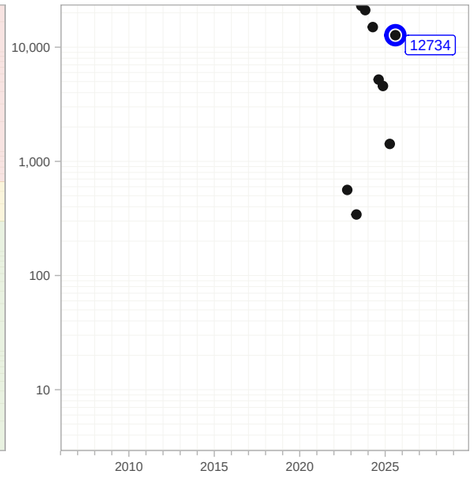
All | N = 9; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



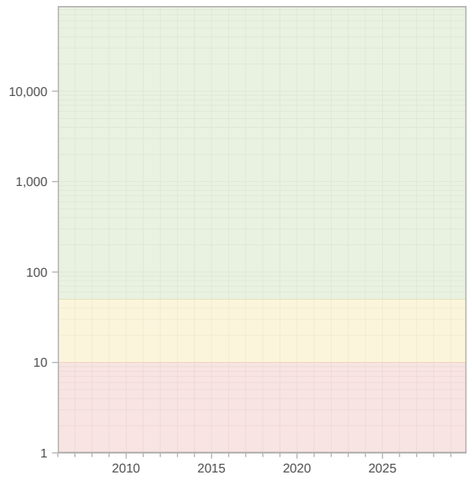
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



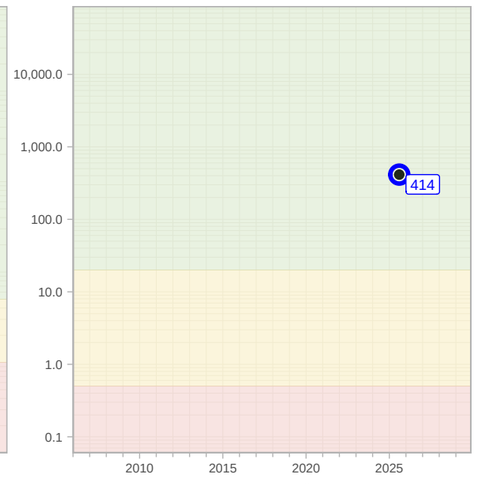
All | N = 9; ND = 0; %ND = 0; M−K = stable

Sulfide



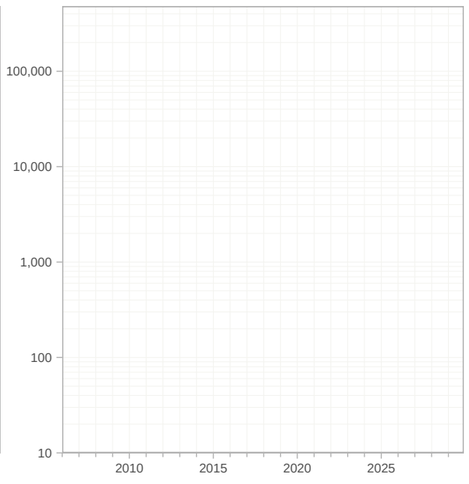
No Data

Methane (ug/L)



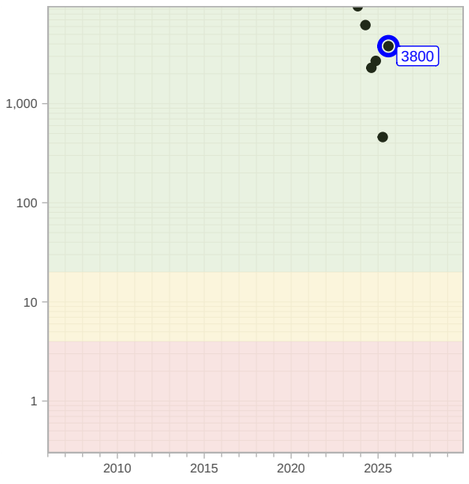
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



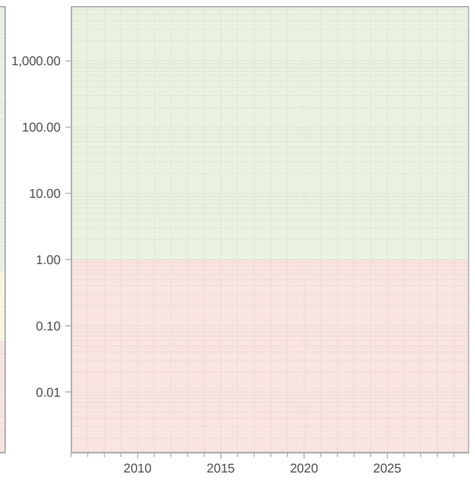
No Data

Total Organic Carbon (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids



No Data

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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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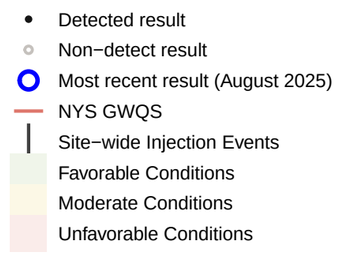
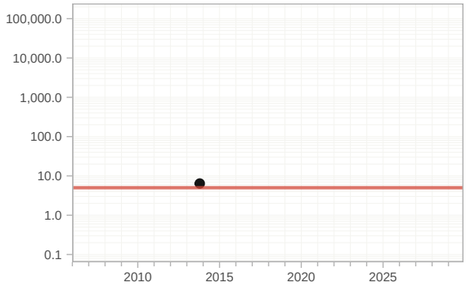


A−1 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

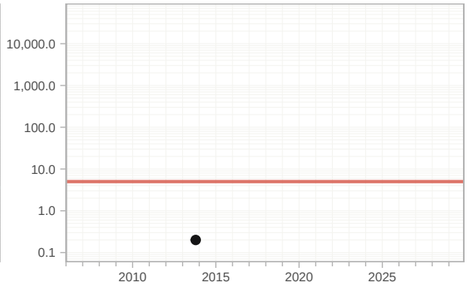
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

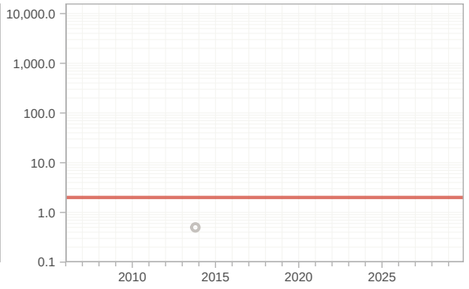
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

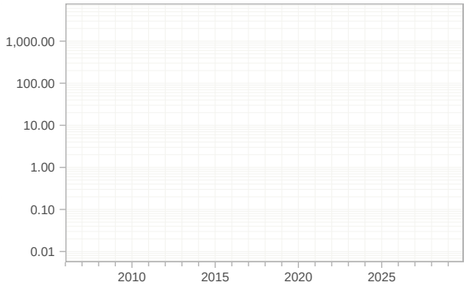
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



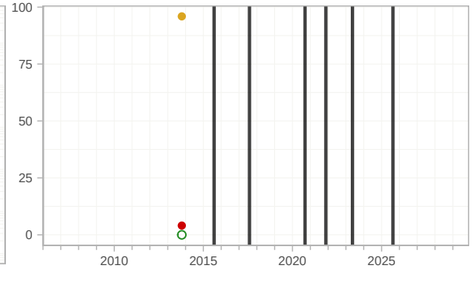
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethane + Ethene



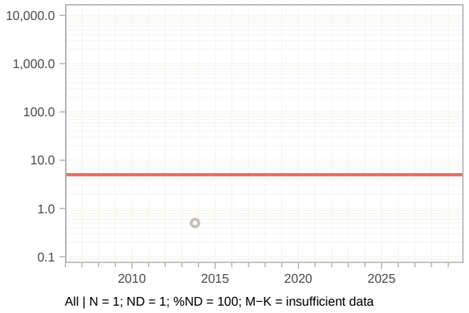
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

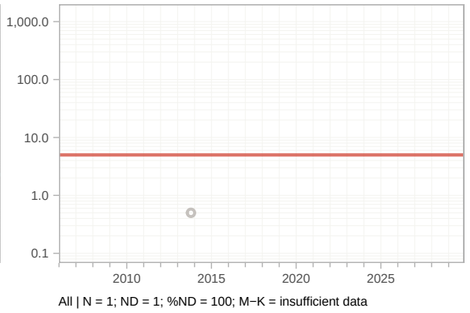
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

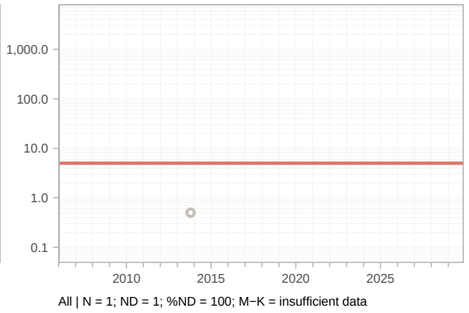
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

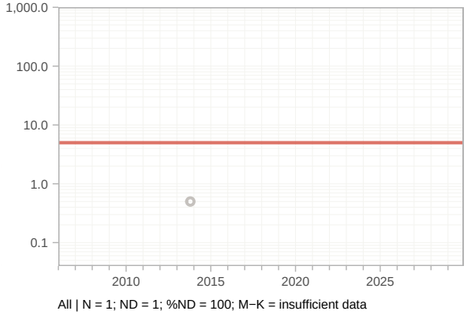
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

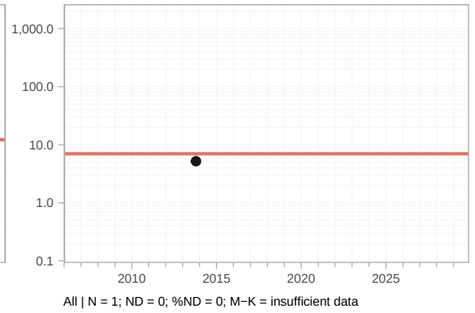
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

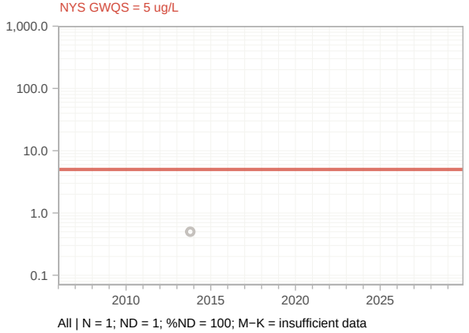
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

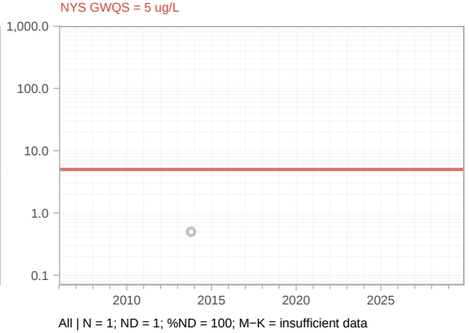
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

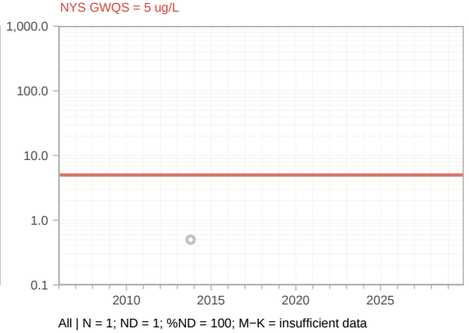
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

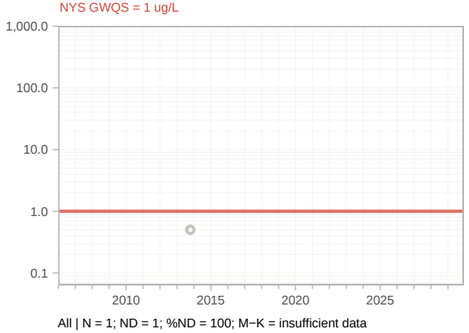
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

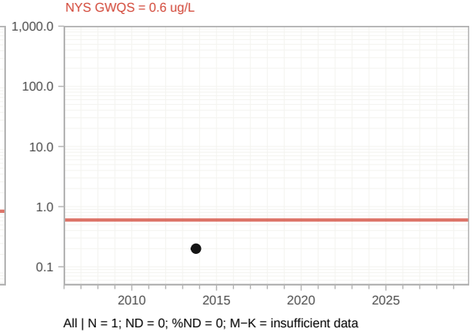
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

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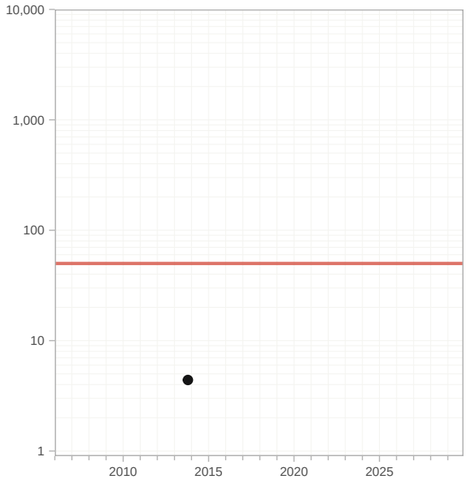
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

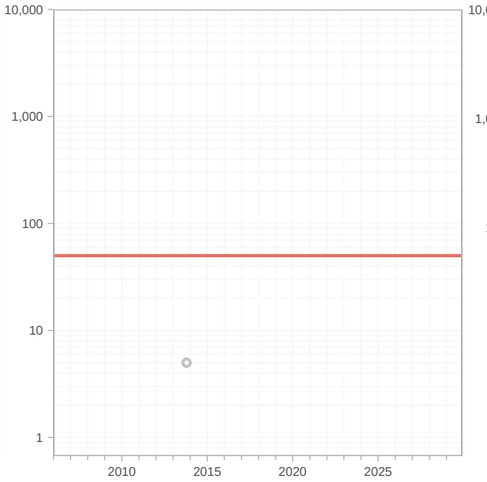
A−1 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



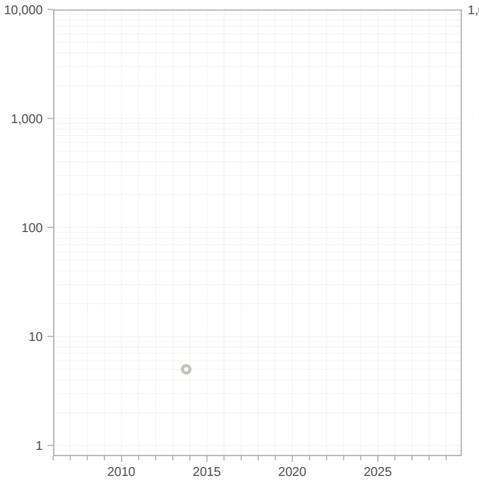
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



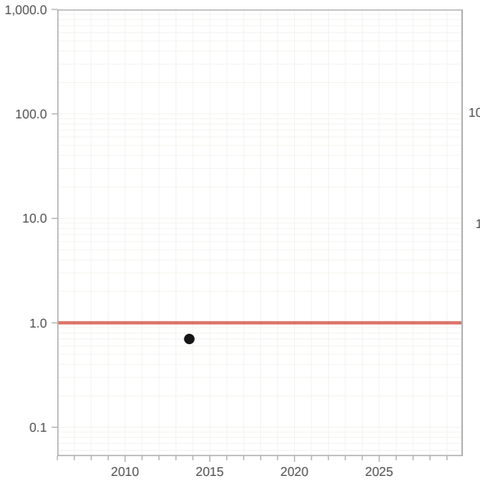
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



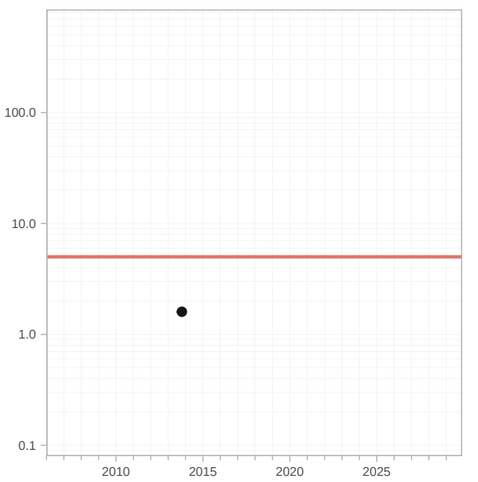
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)



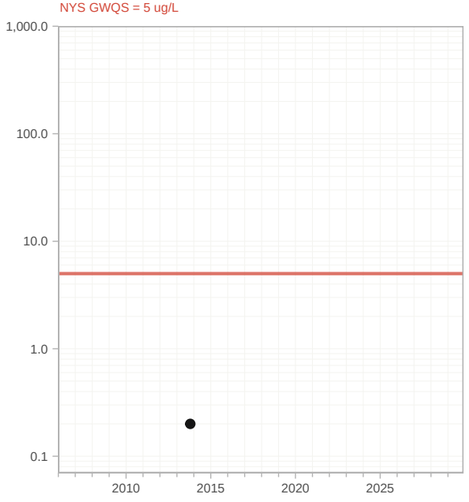
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)



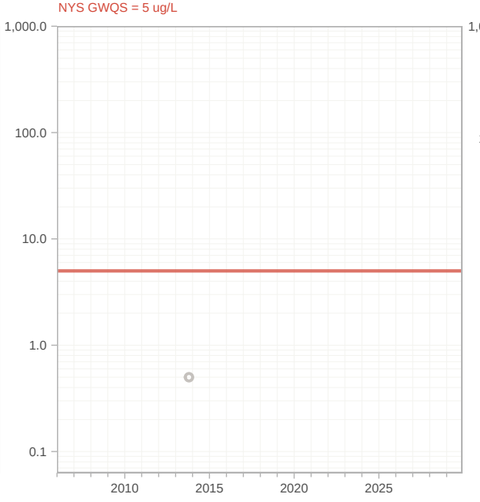
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)



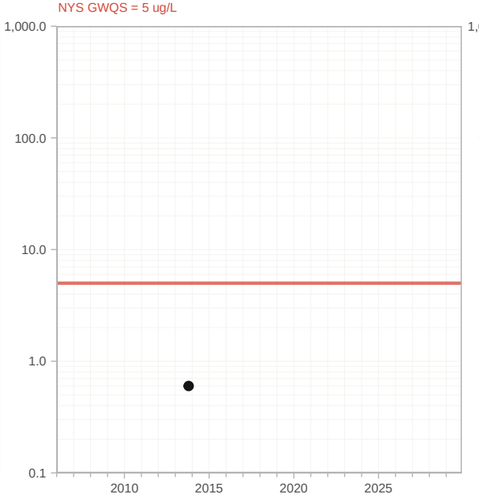
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



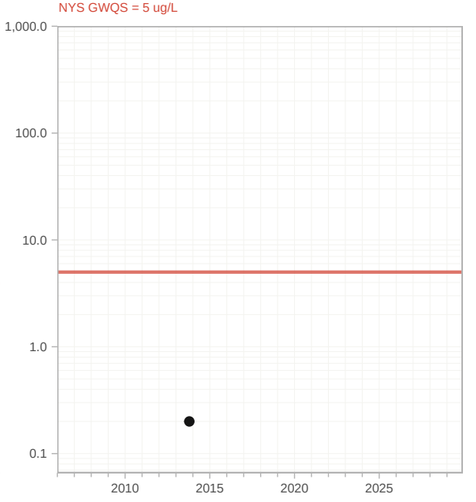
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Notes:
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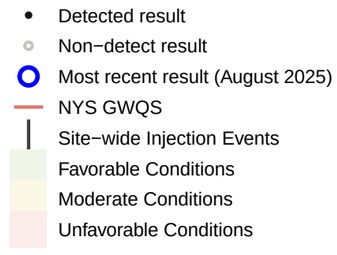
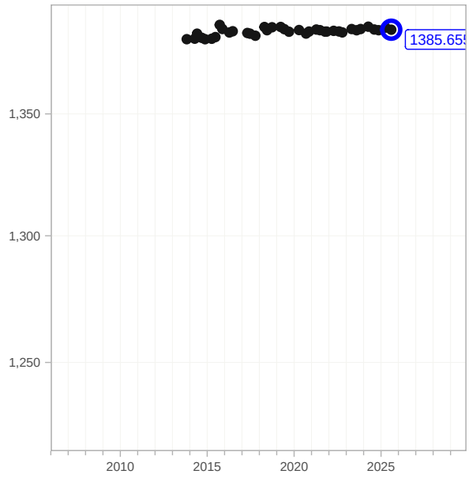


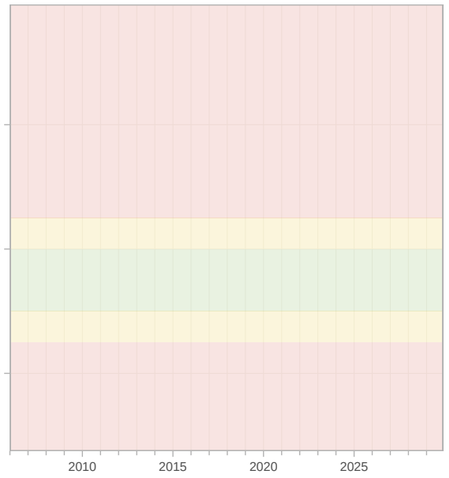
A−1 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



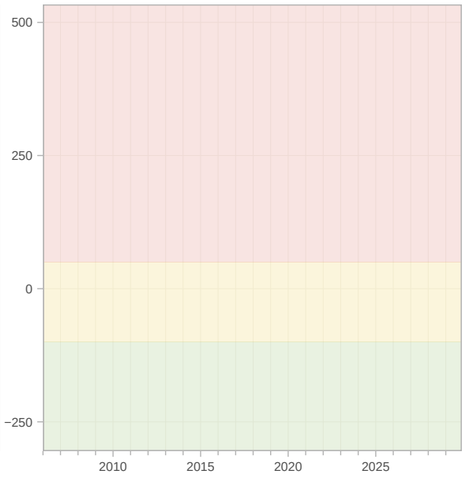
All | N = 38; ND = 0; %ND = 0; M−K = strong increasing

pH



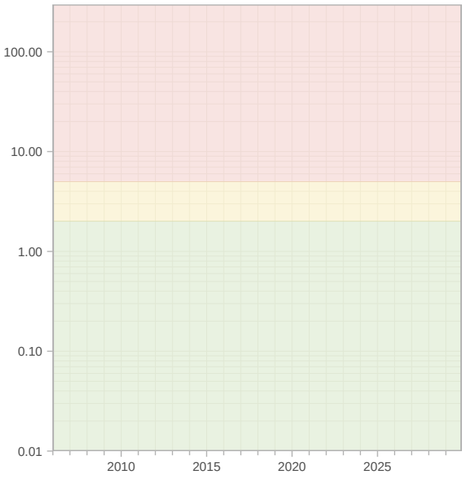
No Data

Oxidation/Reduction Potential



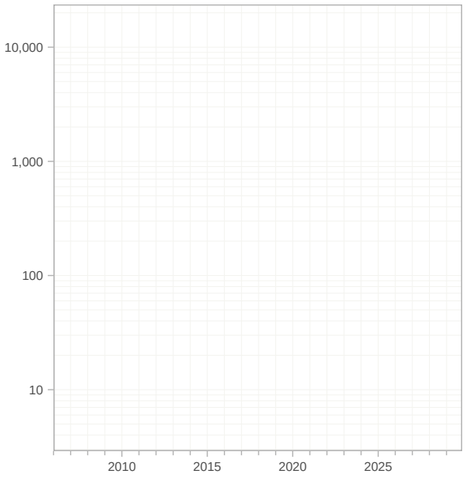
No Data

Dissolved Oxygen



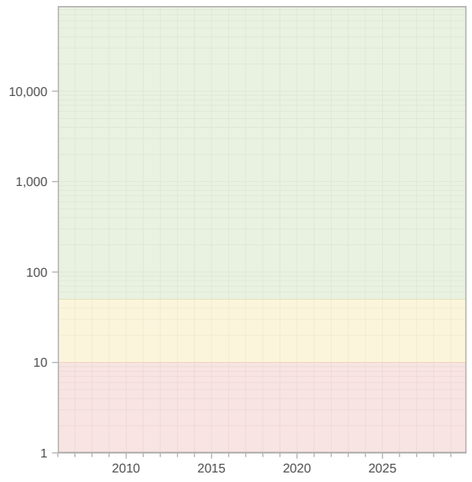
No Data

Specific Conductance



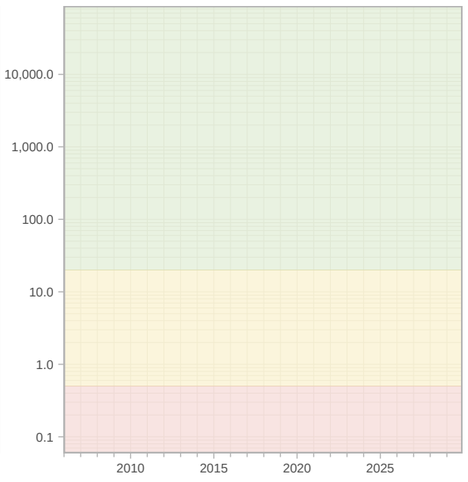
No Data

Sulfide



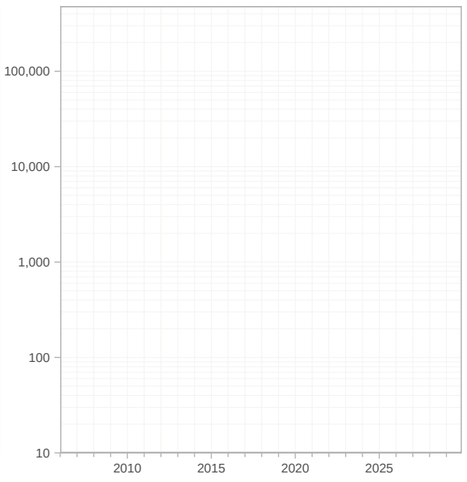
No Data

Methane



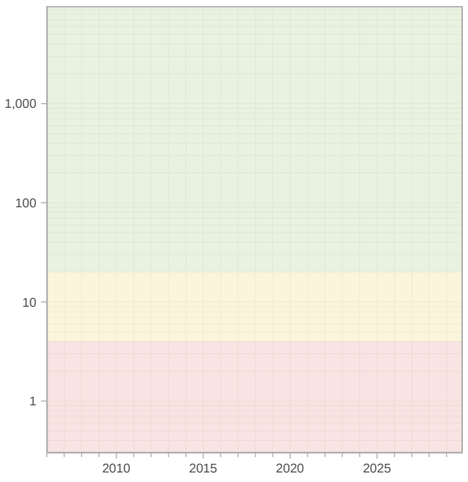
No Data

Iron − Ferrous



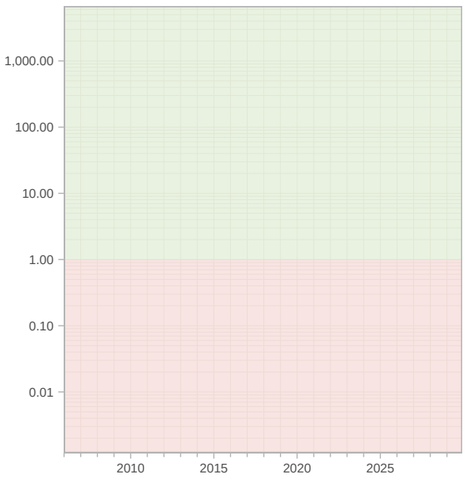
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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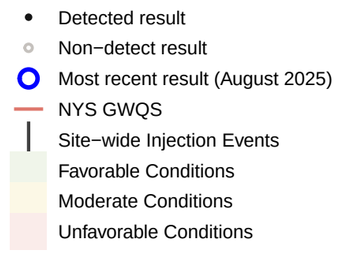
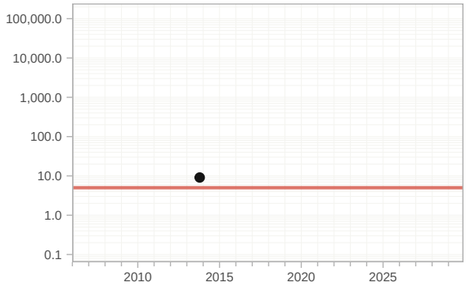


A−10 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

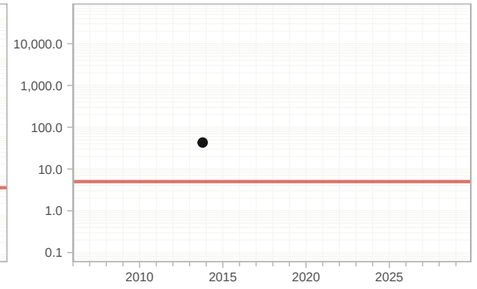
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

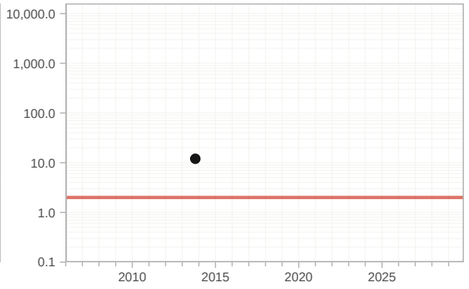
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

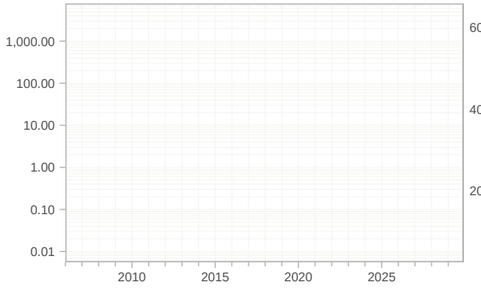
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



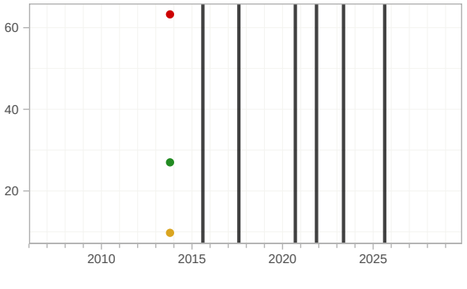
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethane + Ethene



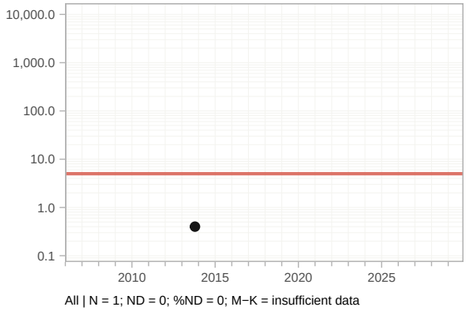
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

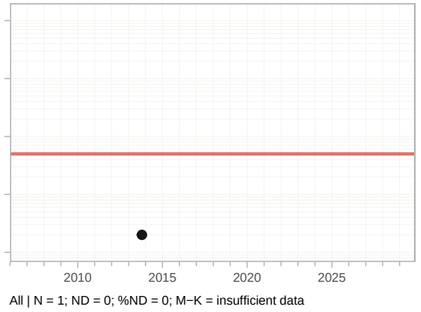
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

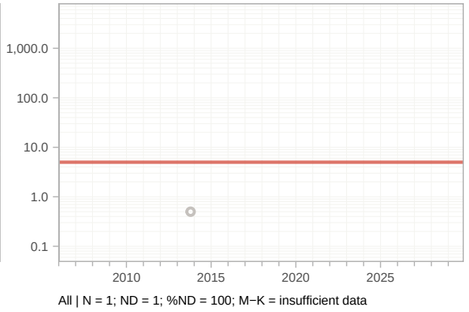
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

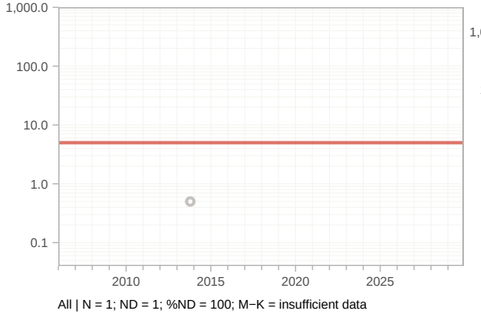
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

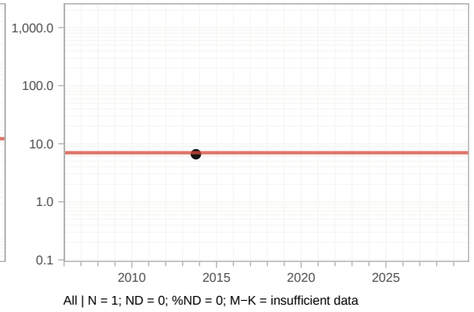
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

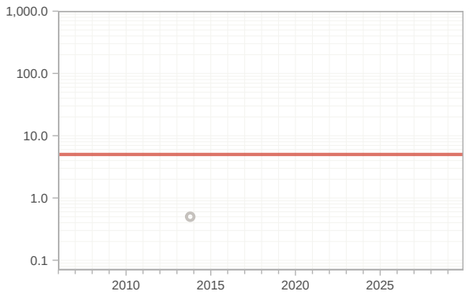
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

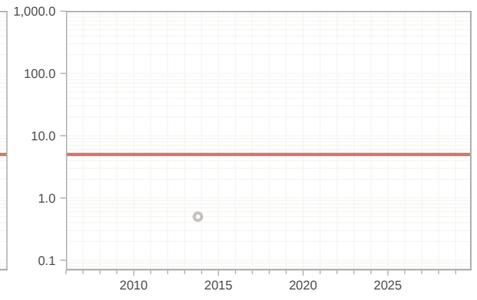
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

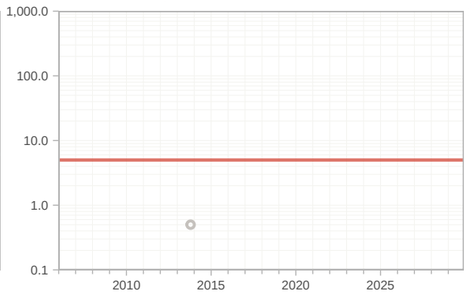
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

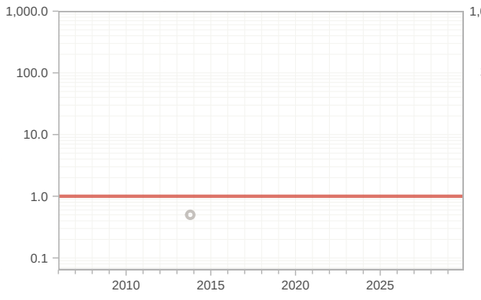
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

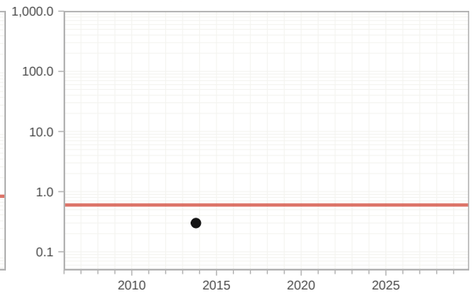
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

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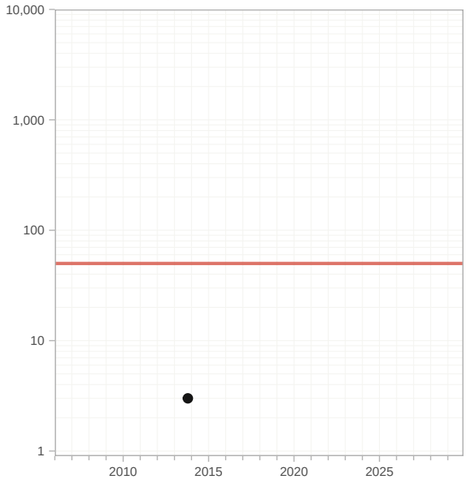
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

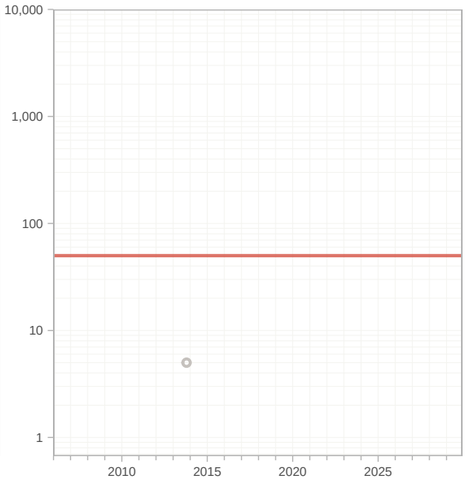
A−10 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



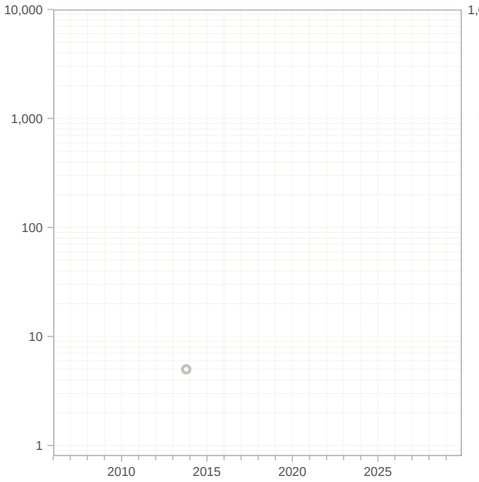
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



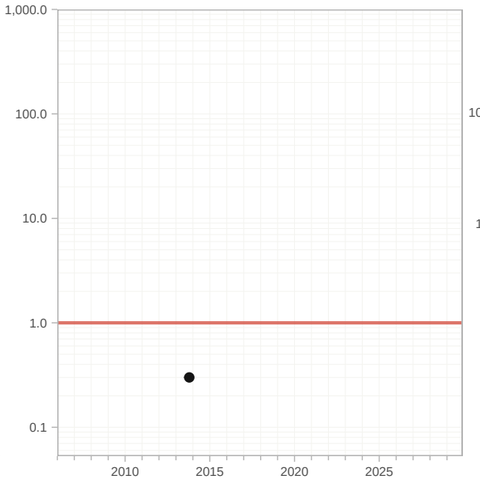
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



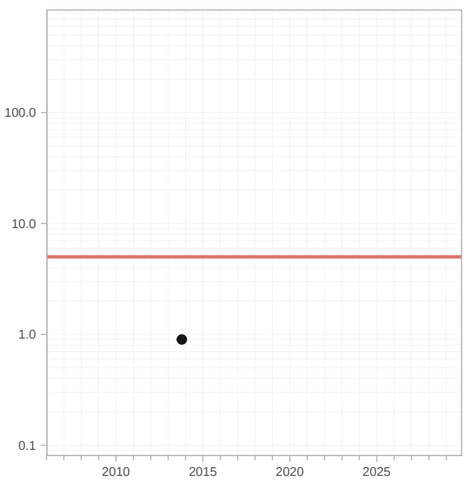
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)



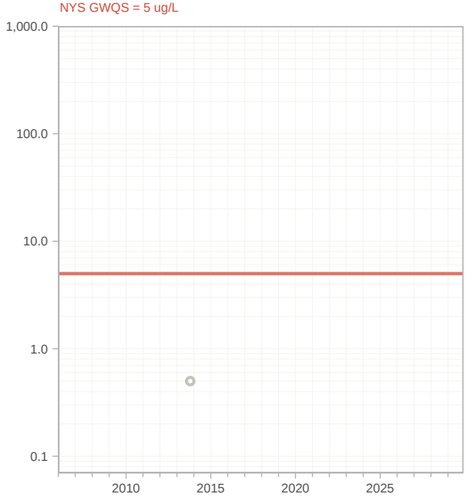
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)



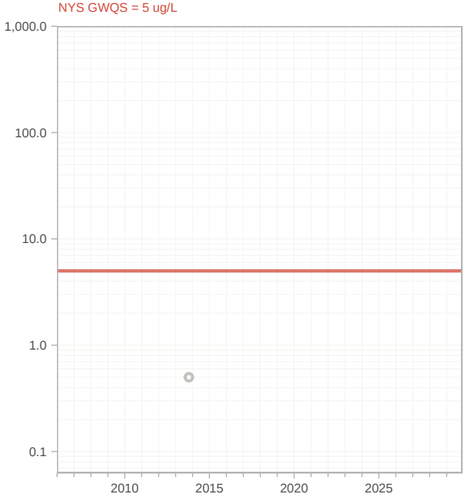
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)



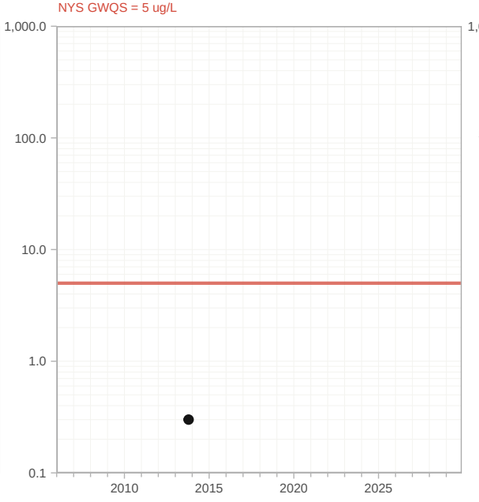
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



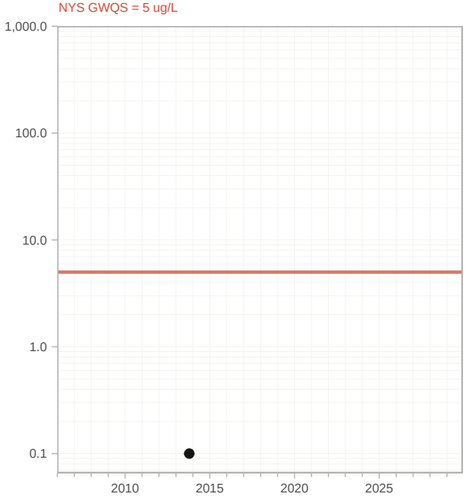
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

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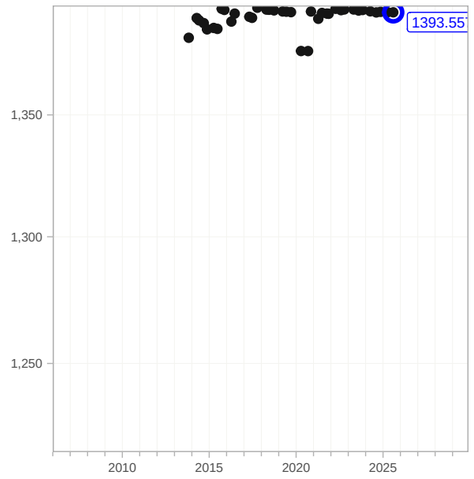
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

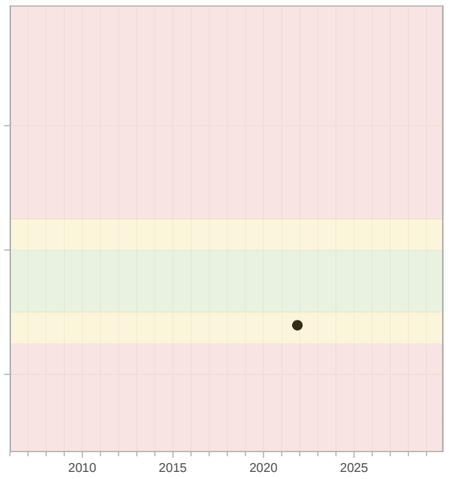
A−10 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



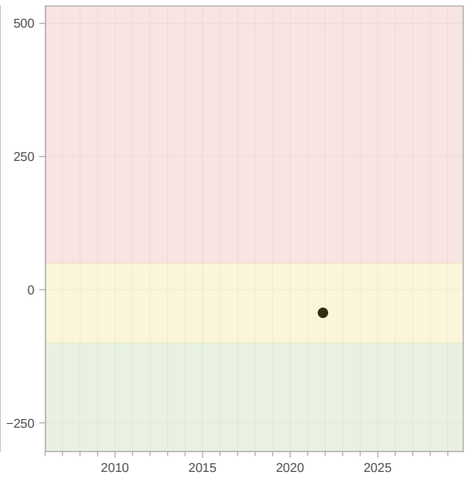
All | N = 38; ND = 0; %ND = 0; M−K = increasing

pH (SU)



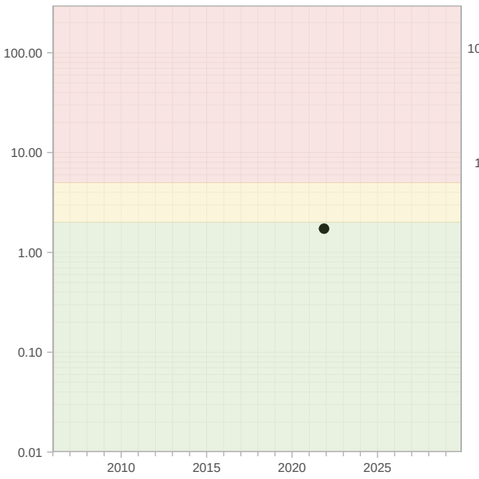
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



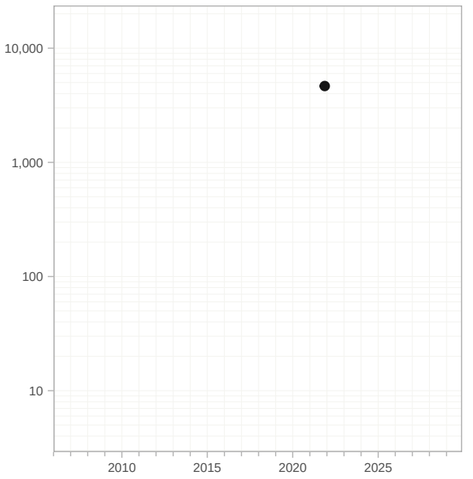
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



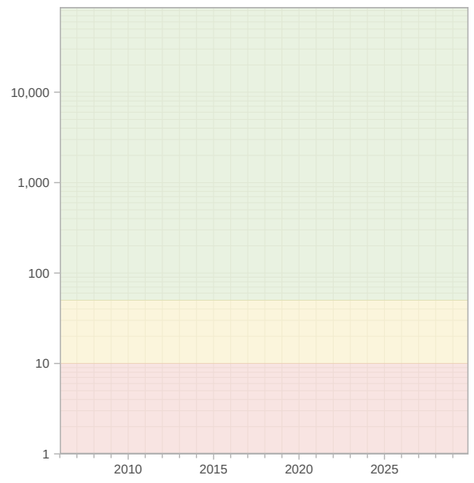
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



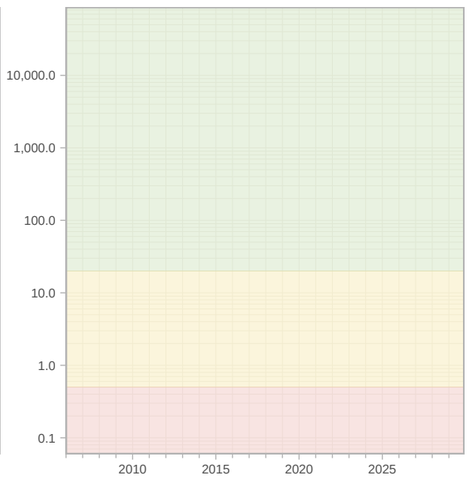
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



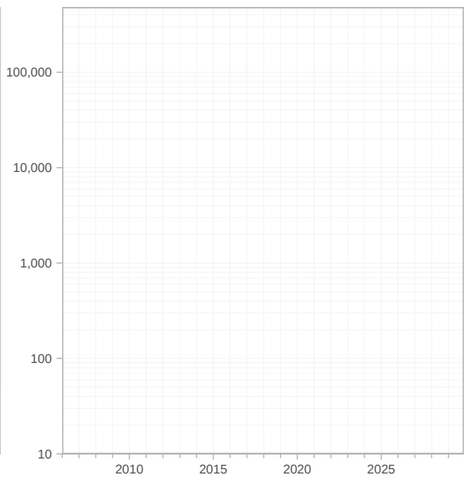
No Data

Methane



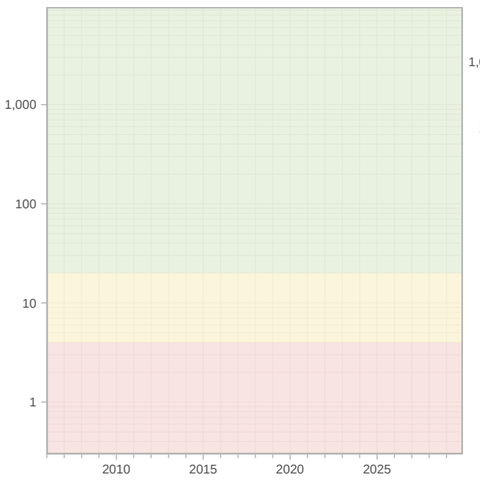
No Data

Iron − Ferrous



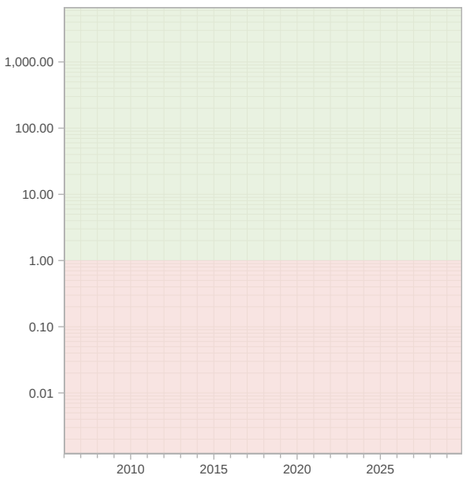
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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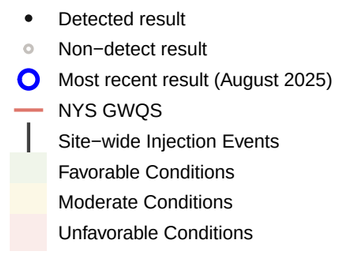
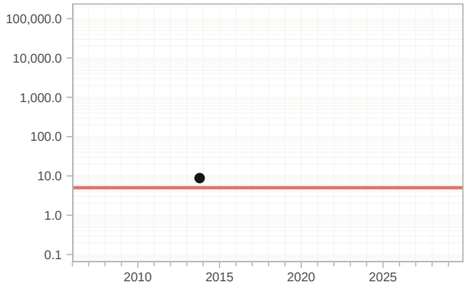


A−11 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

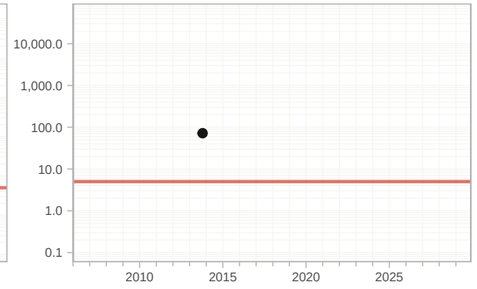
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

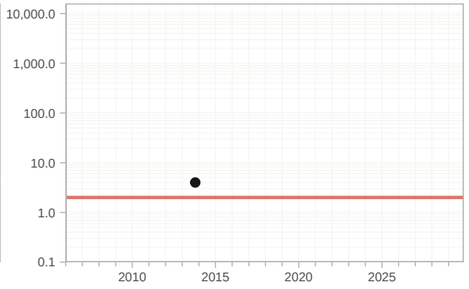
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

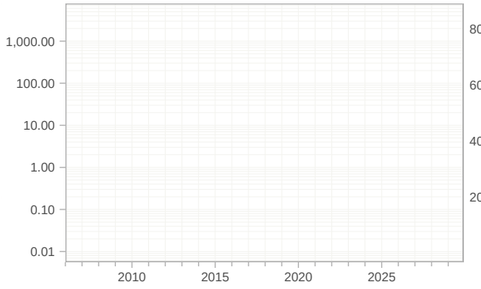
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



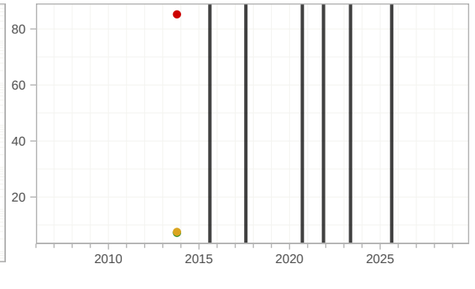
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethane + Ethene



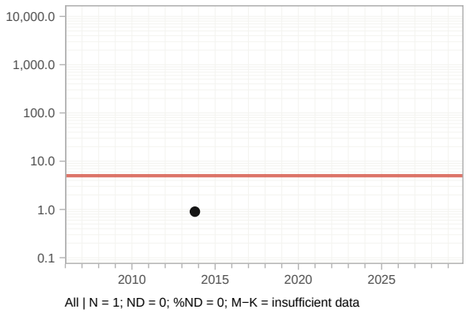
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

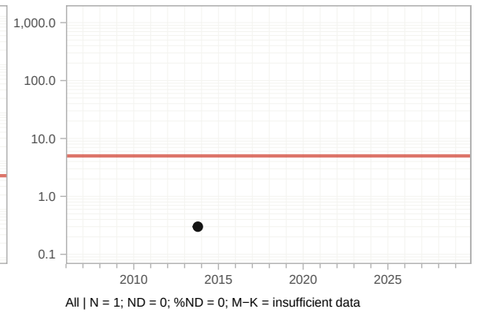
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

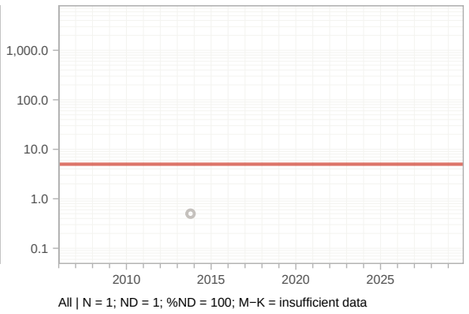
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

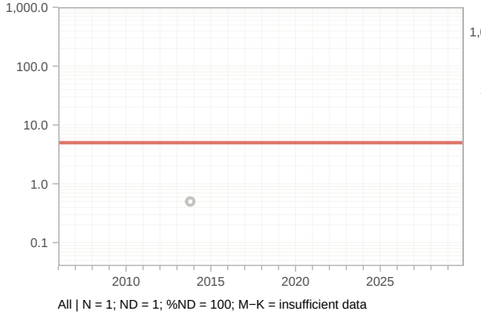
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

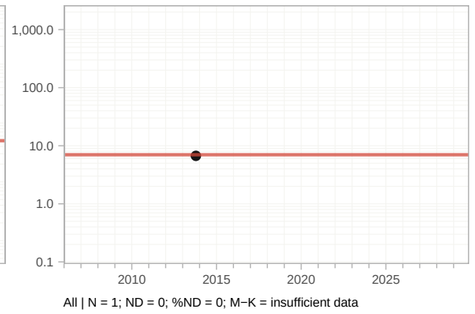
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

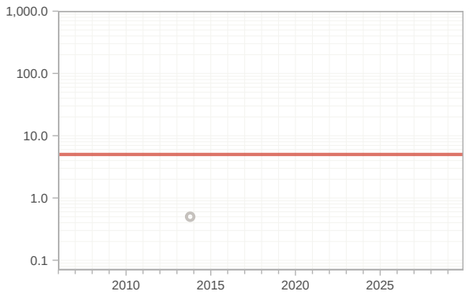
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

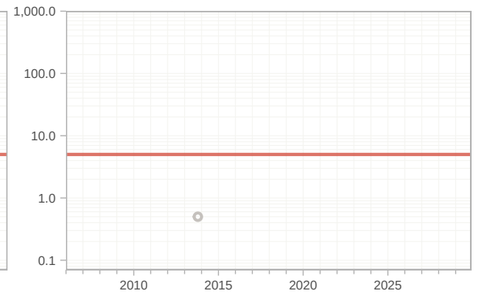
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

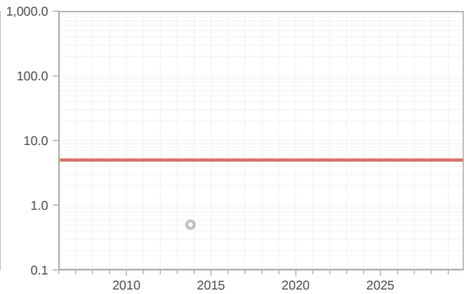
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

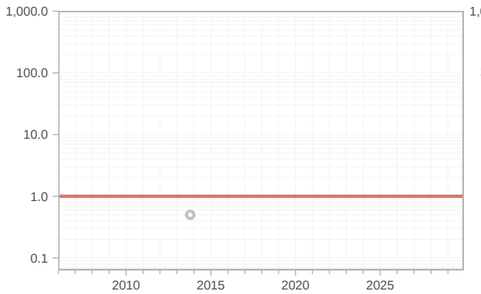
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

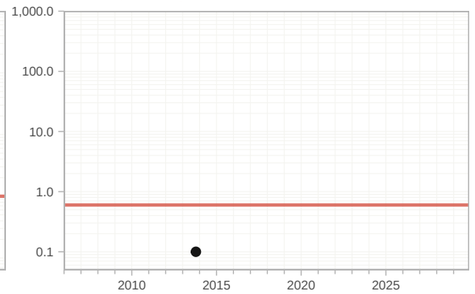
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

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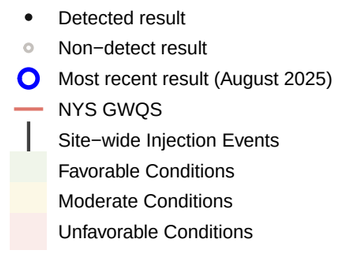
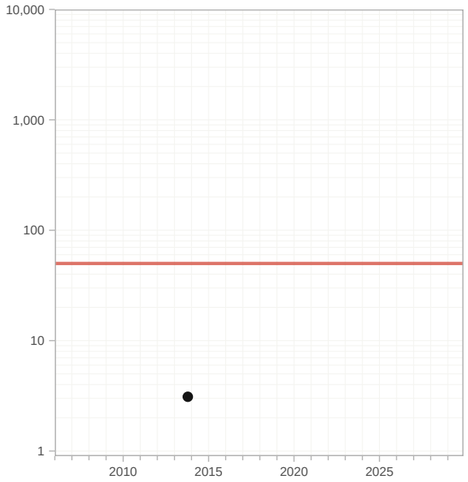


A−11 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

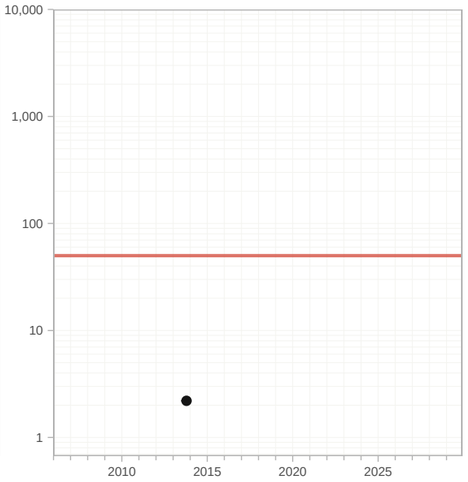
NYS GWQS = 50 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

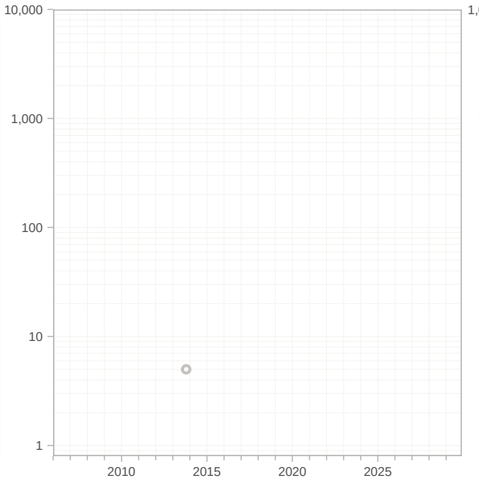
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

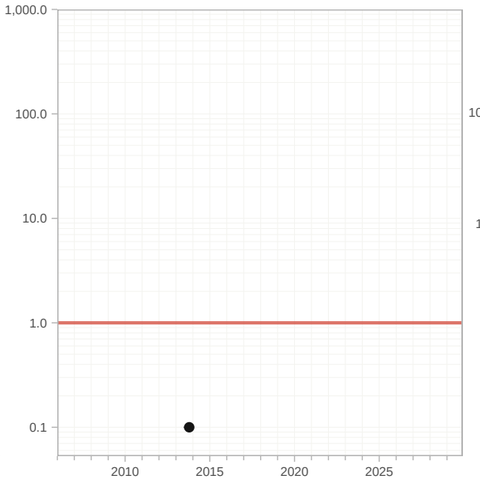
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)

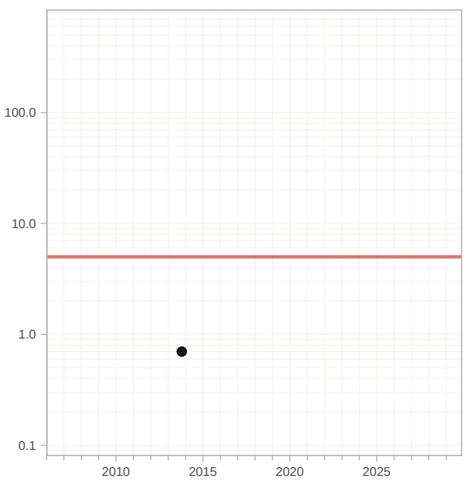
NYS GWQS = 1 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)

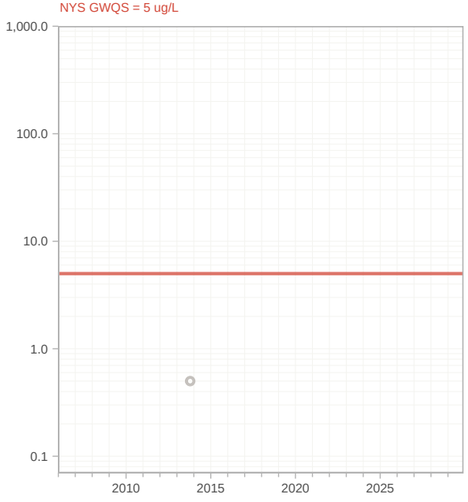
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)

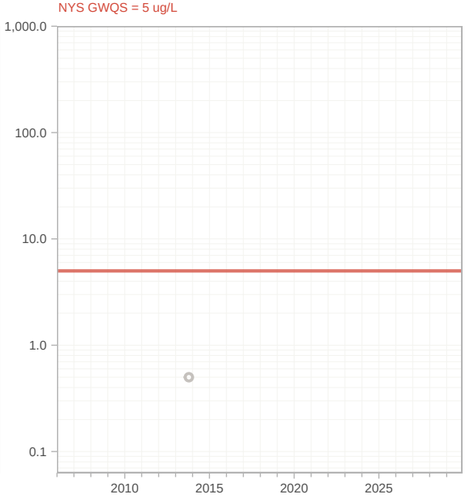
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)

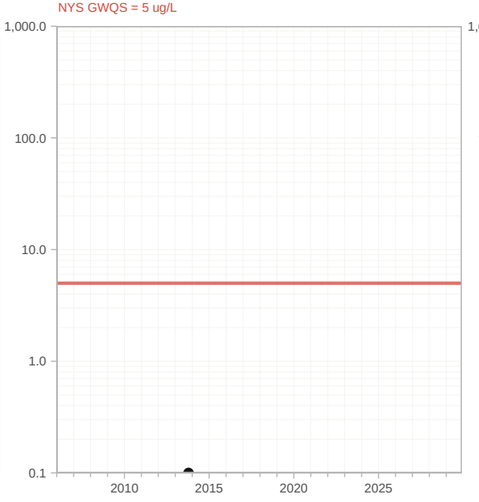
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)

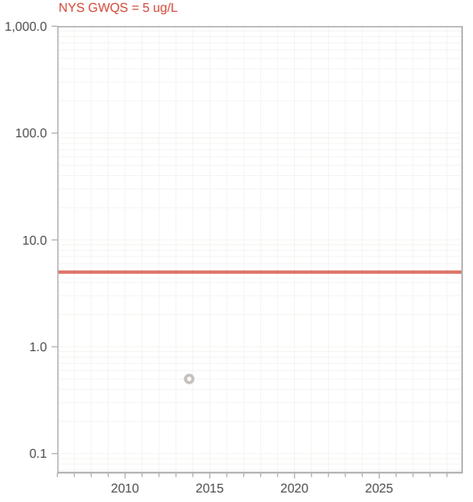
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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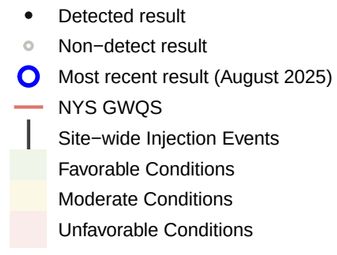
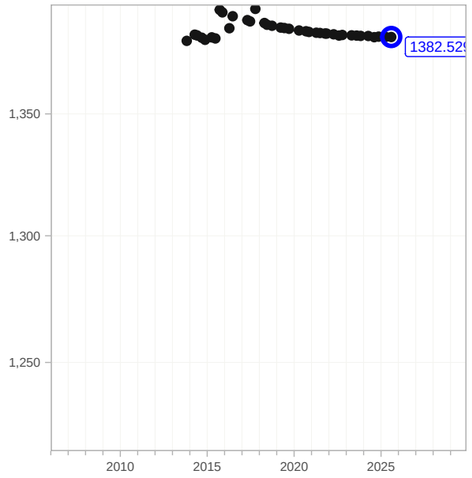


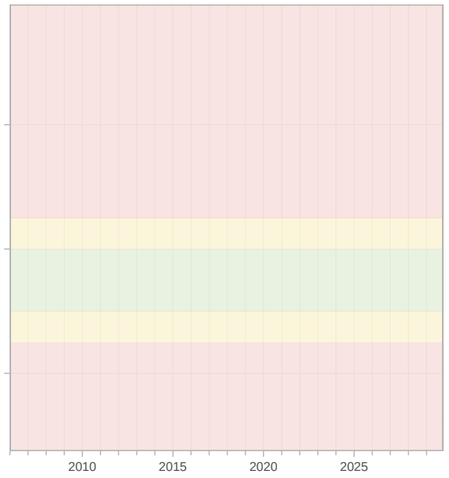
A−11 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



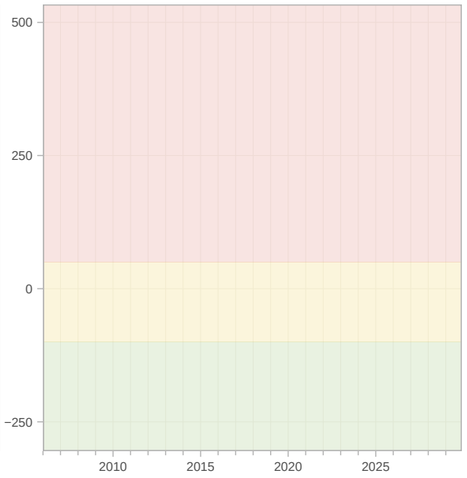
All | N = 38; ND = 0; %ND = 0; M−K = strong decreasing

pH



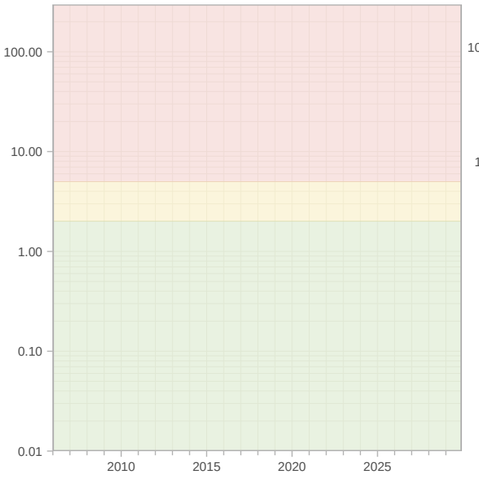
No Data

Oxidation/Reduction Potential



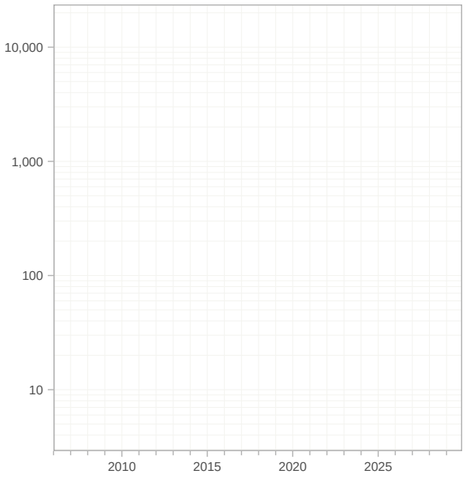
No Data

Dissolved Oxygen



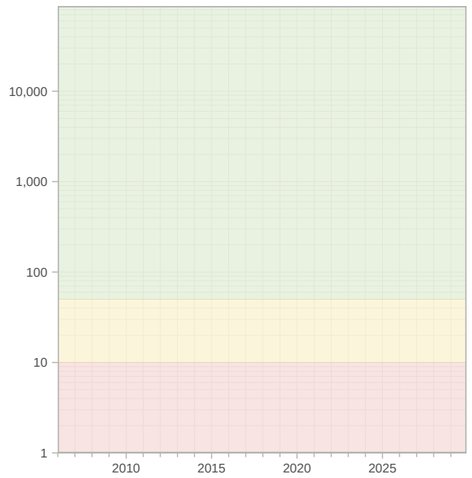
No Data

Specific Conductance



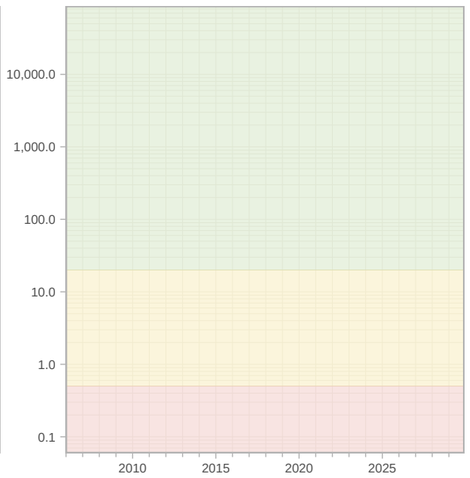
No Data

Sulfide



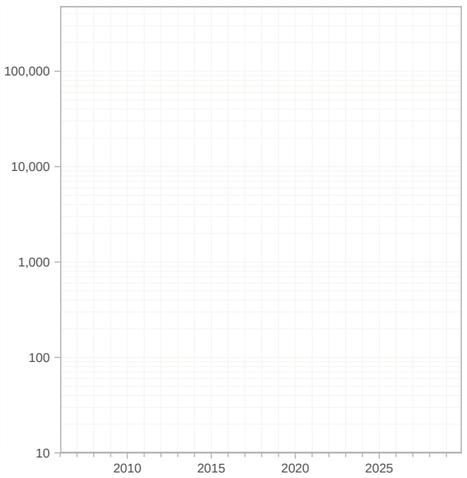
No Data

Methane



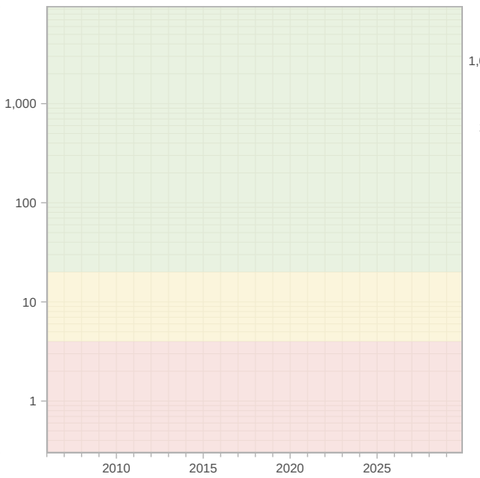
No Data

Iron − Ferrous



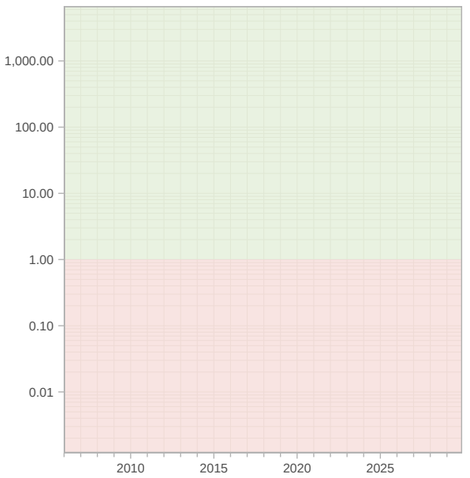
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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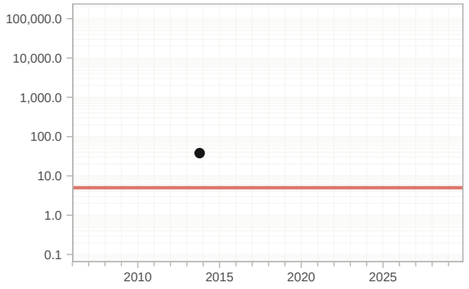
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

A−12 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

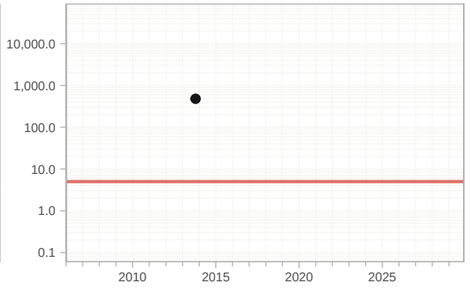
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

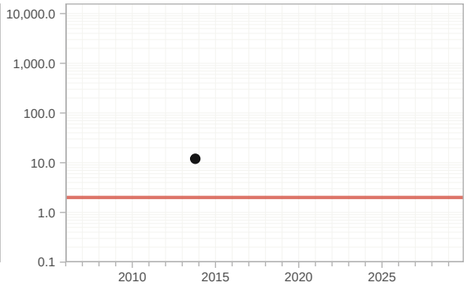
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

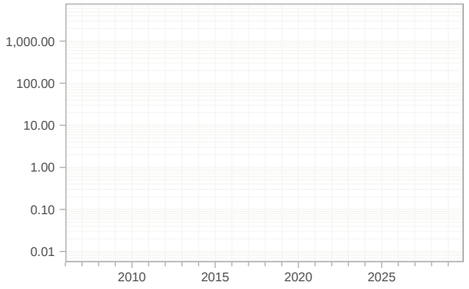
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



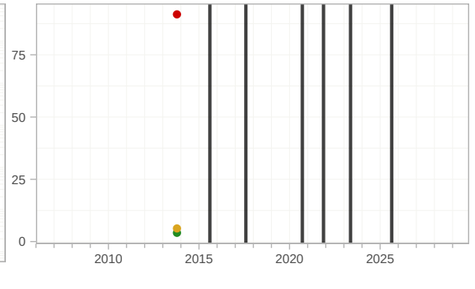
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethane + Ethene



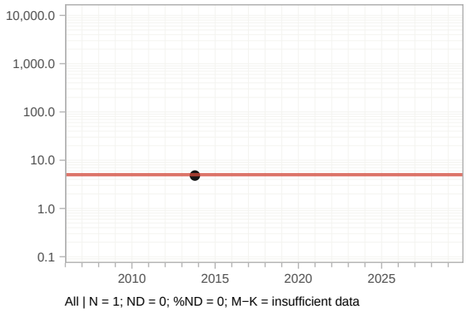
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

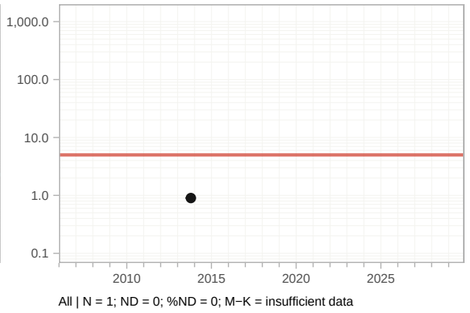
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

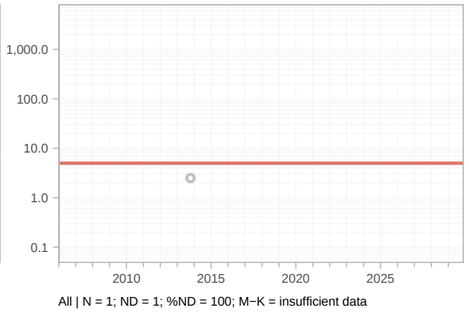
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

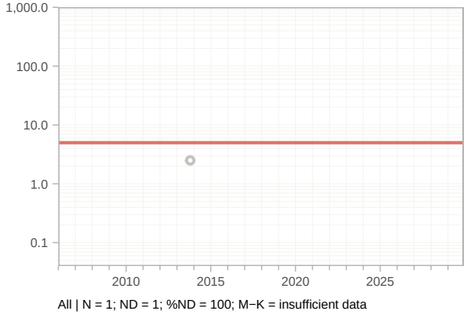
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

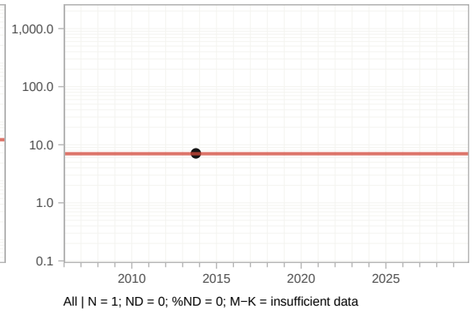
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

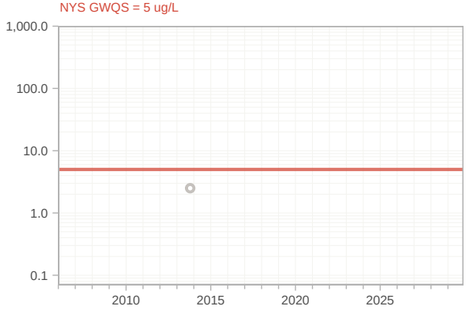
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

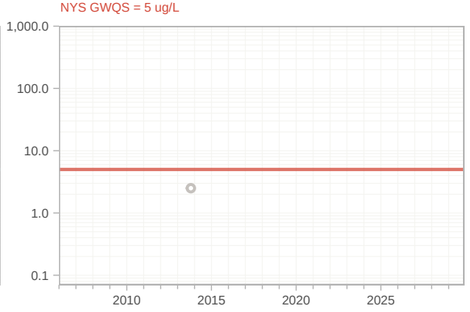
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

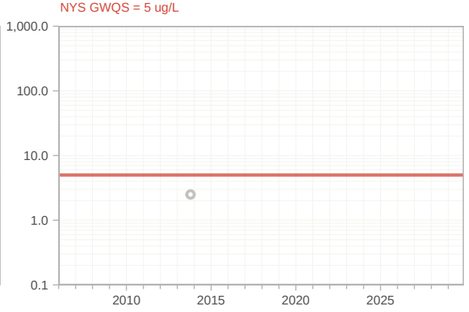
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

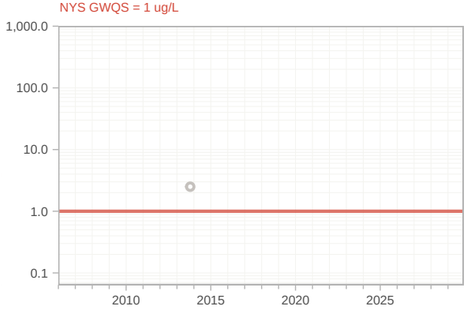
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

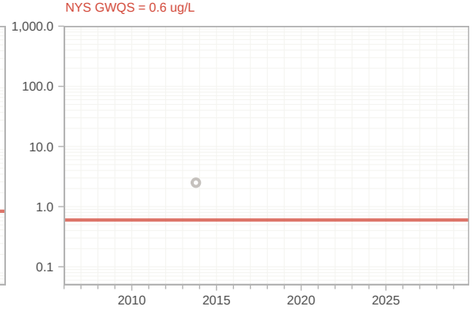
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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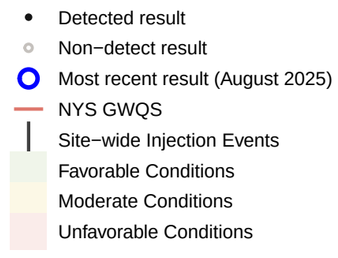
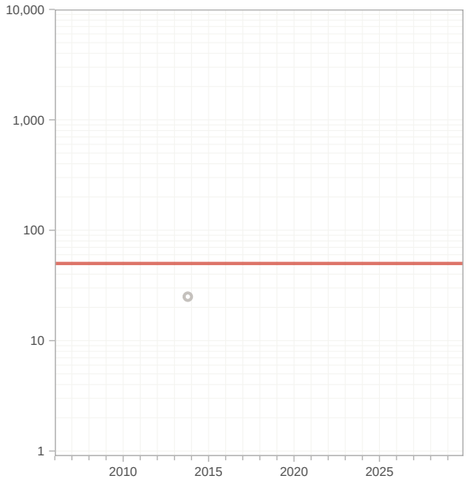


A−12 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

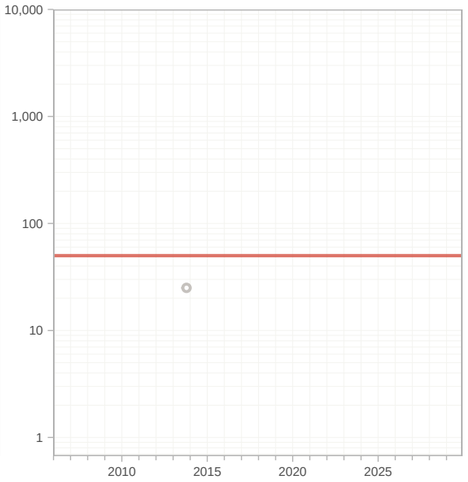
NYS GWQS = 50 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

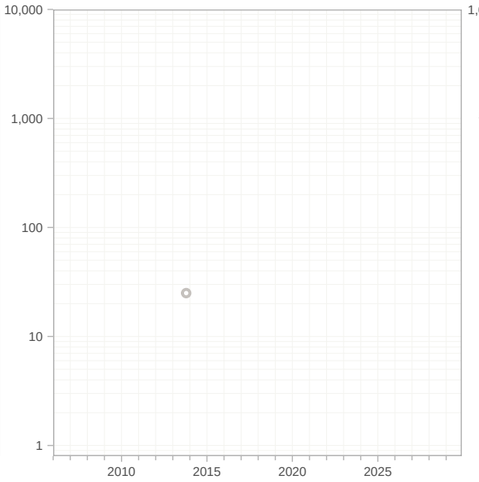
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

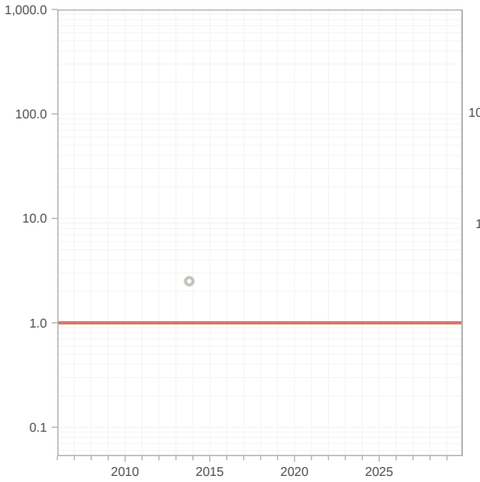
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)

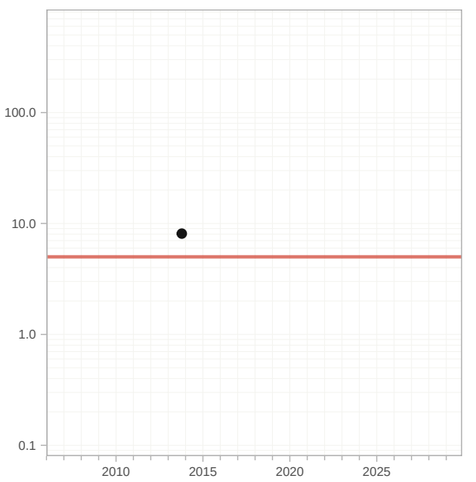
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Toluene (ug/L)

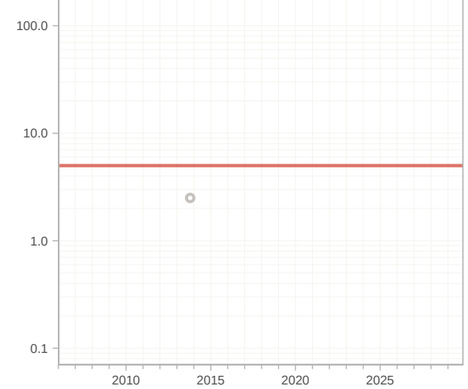
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)

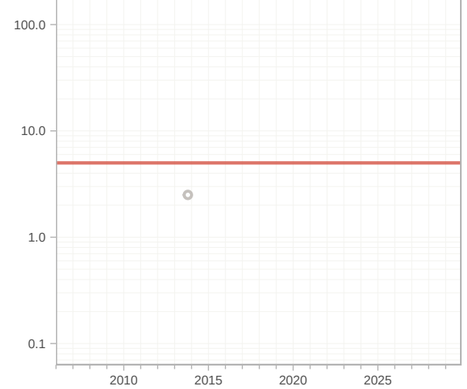
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)

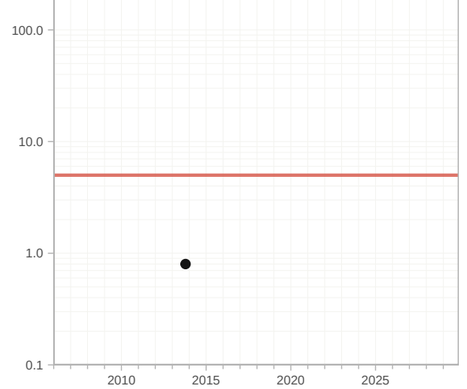
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)

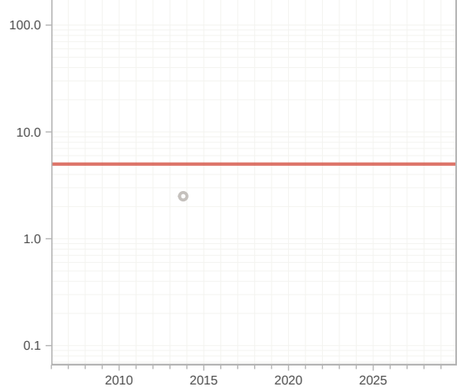
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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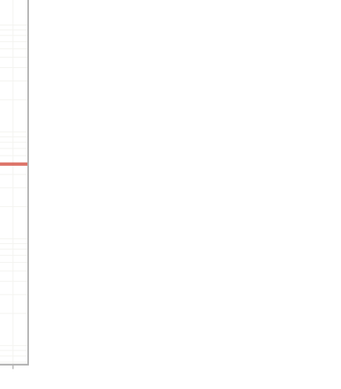
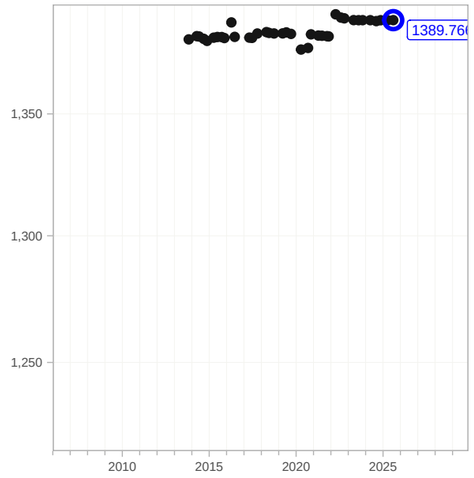


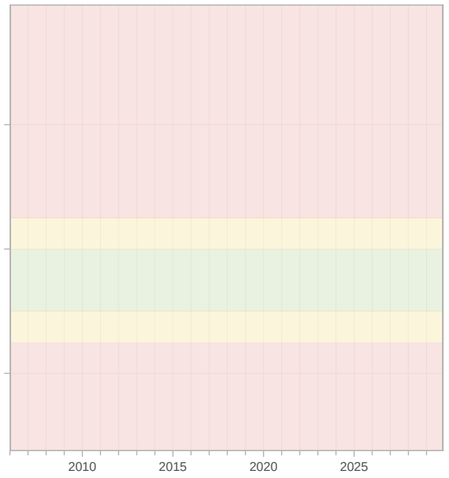
A−12 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



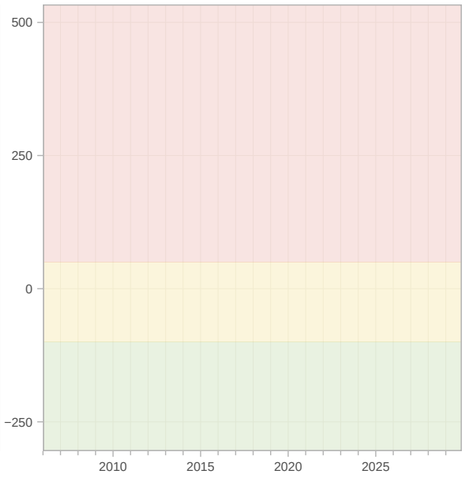
All | N = 38; ND = 0; %ND = 0; M−K = strong increasing

pH



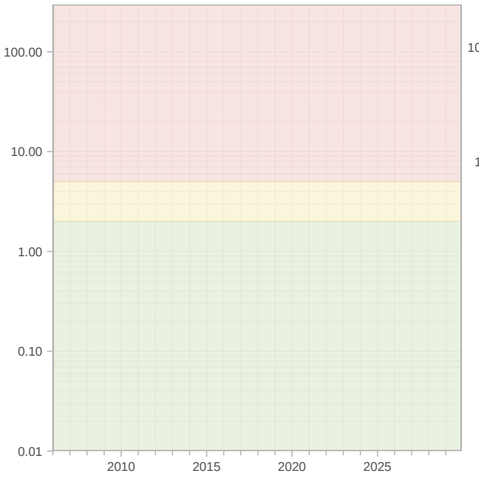
No Data

Oxidation/Reduction Potential



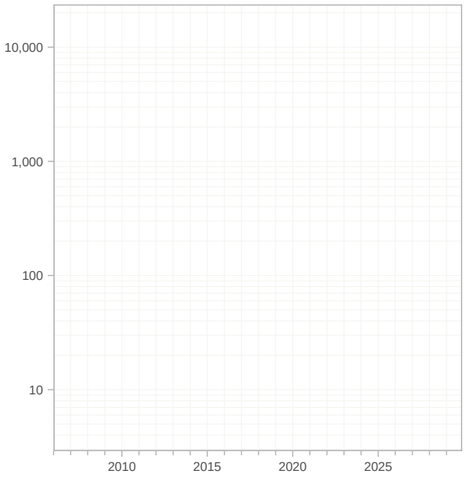
No Data

Dissolved Oxygen



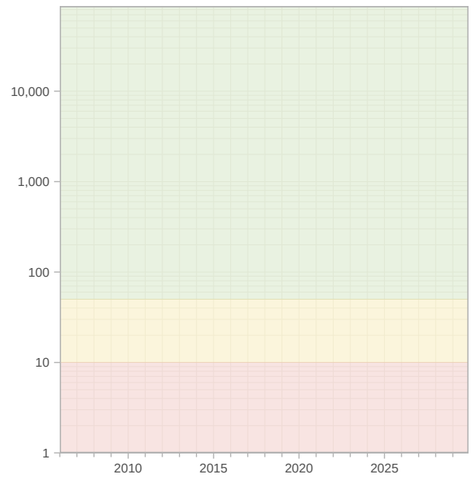
No Data

Specific Conductance



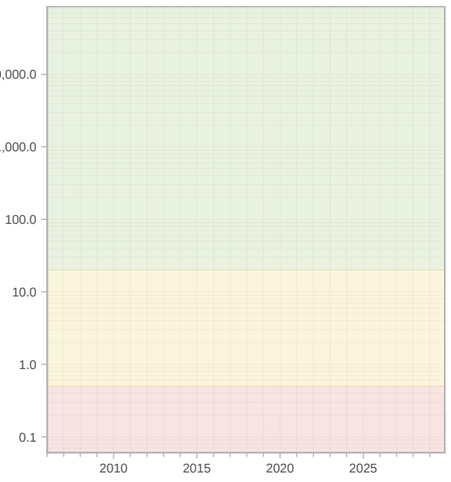
No Data

Sulfide



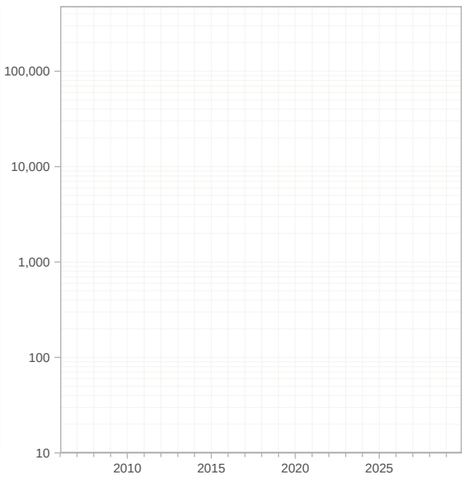
No Data

Methane



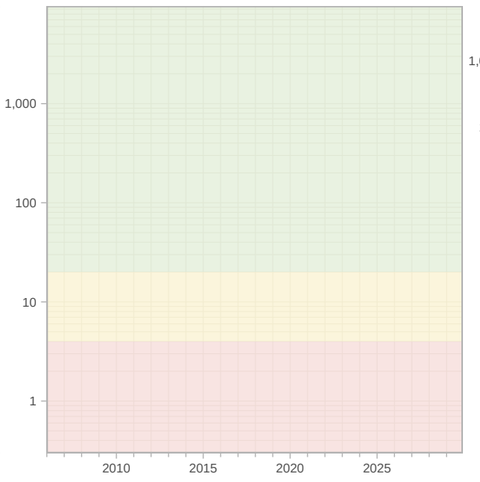
No Data

Iron − Ferrous



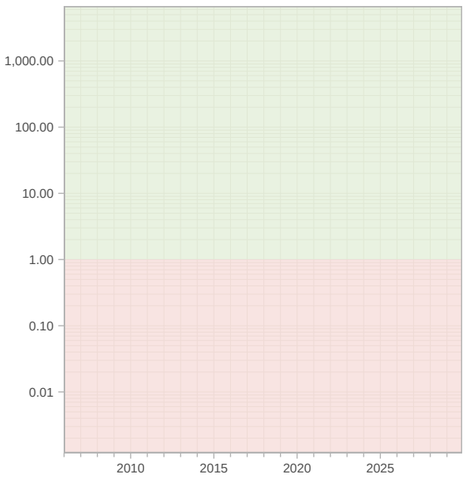
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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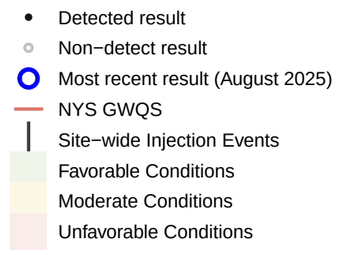
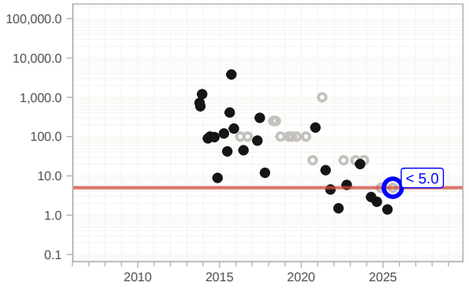
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



A−13 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

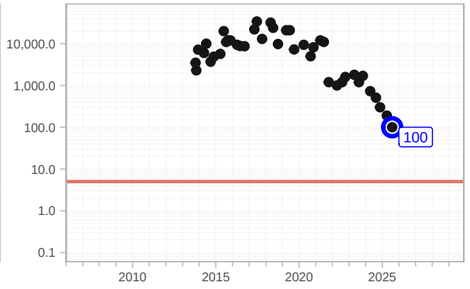
NYS GWQS = 5 ug/L



All | N = 41; ND = 16; %ND = 39; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

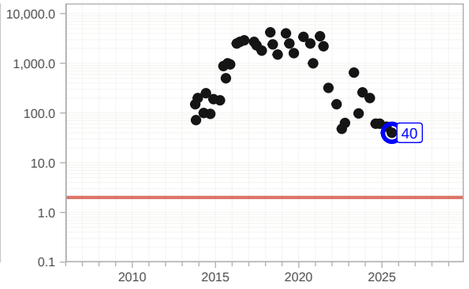
NYS GWQS = 5 ug/L



All | N = 41; ND = 0; %ND = 0; M−K = strong decreasing

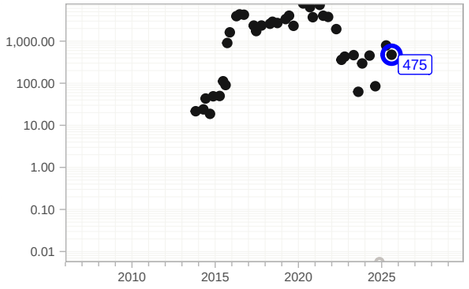
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



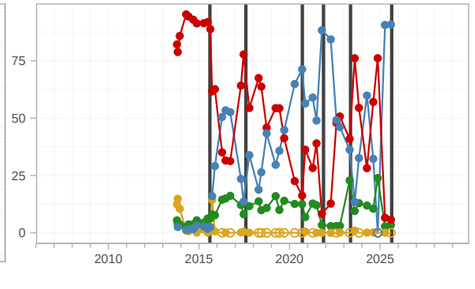
All | N = 41; ND = 0; %ND = 0; M−K = no trend

Ethane + Ethene (ug/L)



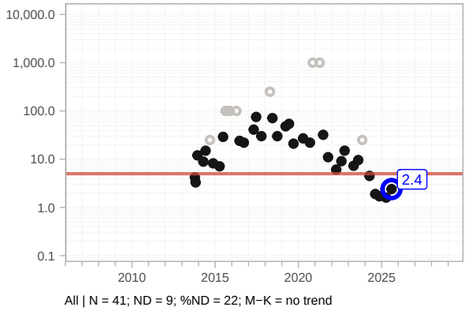
All | N = 39; ND = 1; %ND = 2.6; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

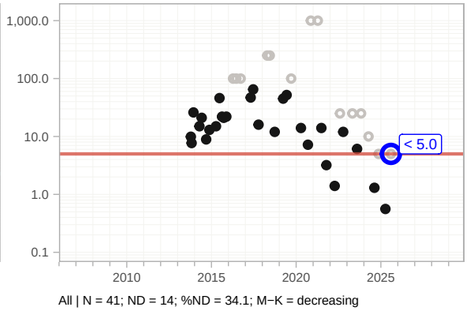
NYS GWQS = 5 ug/L



All | N = 41; ND = 9; %ND = 22; M−K = no trend

Dichloroethene (1,1−) (ug/L)

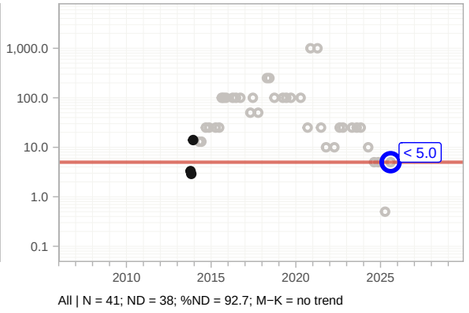
NYS GWQS = 5 ug/L



All | N = 41; ND = 14; %ND = 34.1; M−K = decreasing

Tetrachloroethene (PCE) (ug/L)

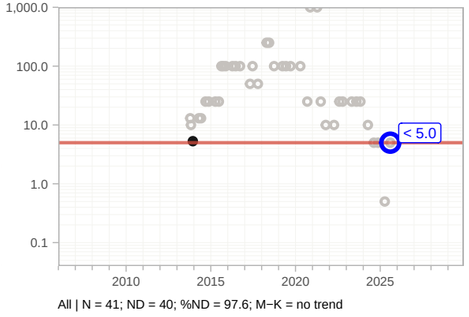
NYS GWQS = 5 ug/L



All | N = 41; ND = 38; %ND = 92.7; M−K = no trend

Carbon tetrachloride (ug/L)

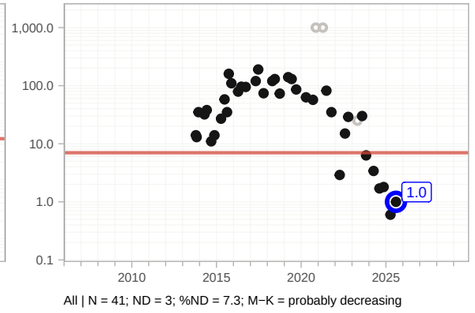
NYS GWQS = 5 ug/L



All | N = 41; ND = 40; %ND = 97.6; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

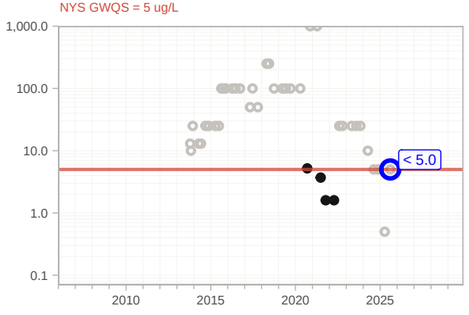
NYS GWQS = 7 ug/L



All | N = 41; ND = 3; %ND = 7.3; M−K = probably decreasing

Methylene Chloride (Dichloromethane) (ug/L

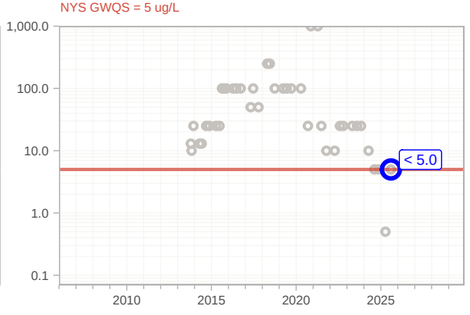
NYS GWQS = 5 ug/L



All | N = 41; ND = 37; %ND = 90.2; M−K = no trend

Chloromethane (ug/L)

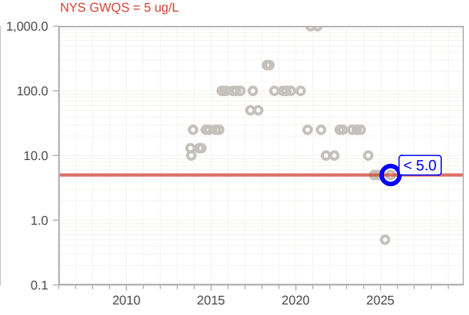
NYS GWQS = 5 ug/L



All | N = 41; ND = 41; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

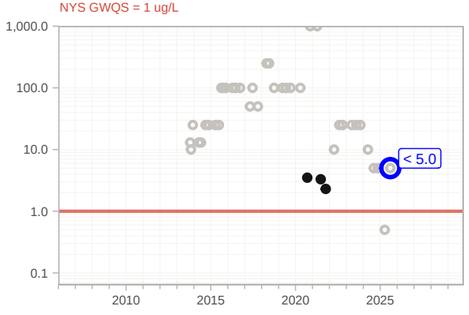
NYS GWQS = 5 ug/L



All | N = 41; ND = 41; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

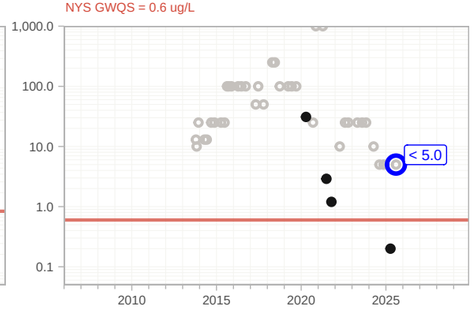
NYS GWQS = 1 ug/L



All | N = 41; ND = 38; %ND = 92.7; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 41; ND = 37; %ND = 90.2; M−K = no trend

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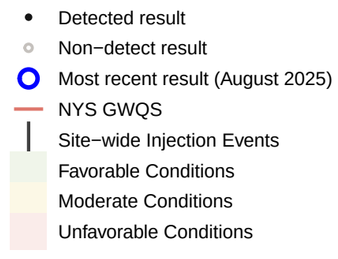
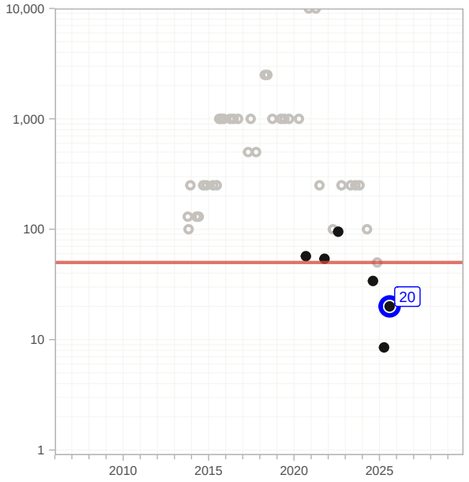


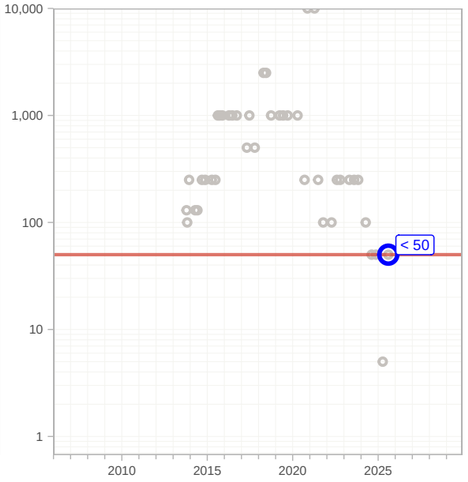
A−13 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



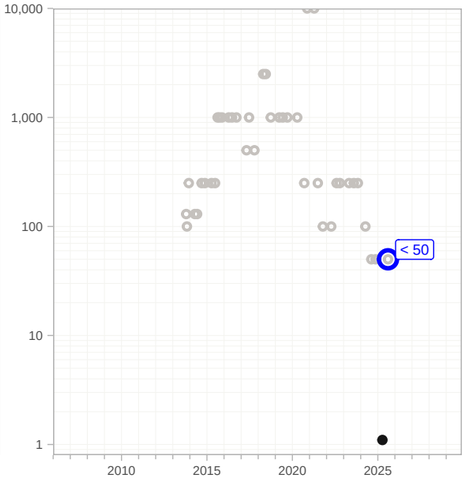
All | N = 41; ND = 35; %ND = 85.4; M−K = no trend

Butanone (2−) (MEK) (ug/L)



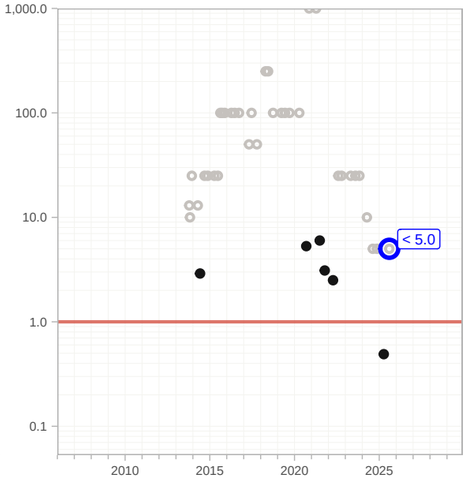
All | N = 41; ND = 41; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



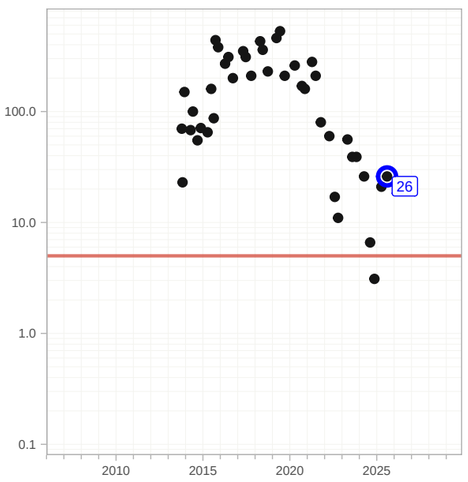
All | N = 41; ND = 40; %ND = 97.6; M−K = no trend

Benzene (ug/L)



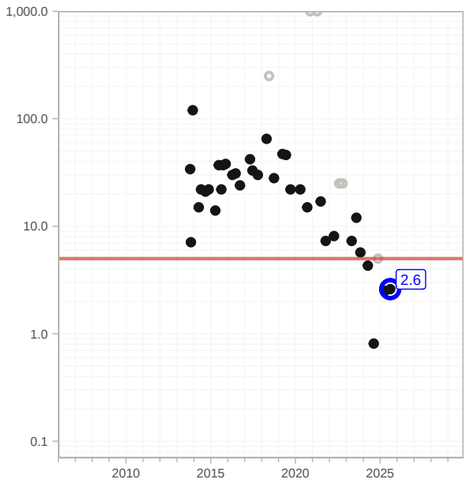
All | N = 41; ND = 35; %ND = 85.4; M−K = no trend

Toluene (ug/L)



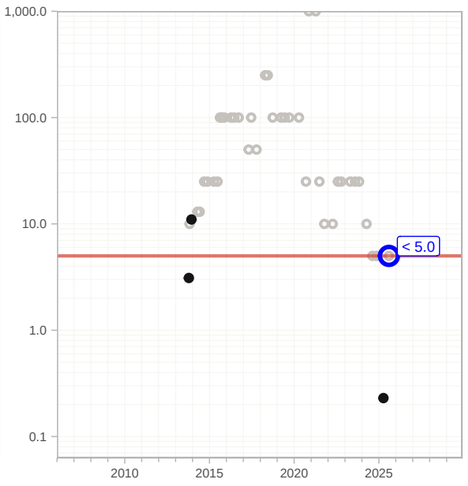
All | N = 41; ND = 0; %ND = 0; M−K = decreasing

Ethylbenzene (ug/L)



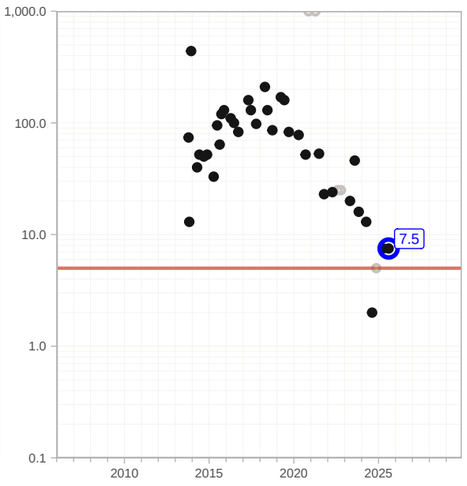
All | N = 41; ND = 6; %ND = 14.6; M−K = strong decreasing

Isopropylbenzene (Cumene) (ug/L)



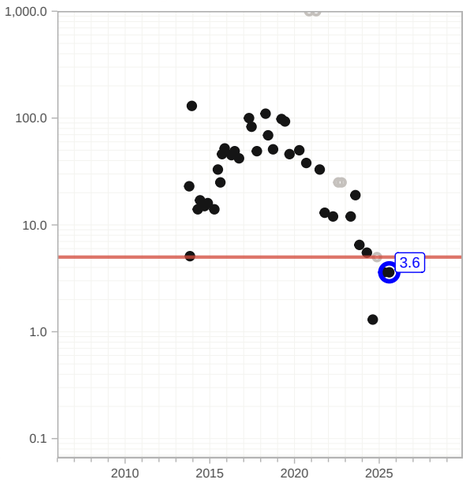
All | N = 41; ND = 38; %ND = 92.7; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 41; ND = 5; %ND = 12.2; M−K = strong decreasing

Xylene (o−) (ug/L)



All | N = 41; ND = 5; %ND = 12.2; M−K = decreasing

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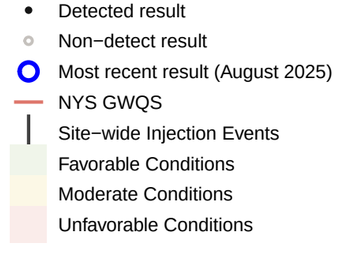
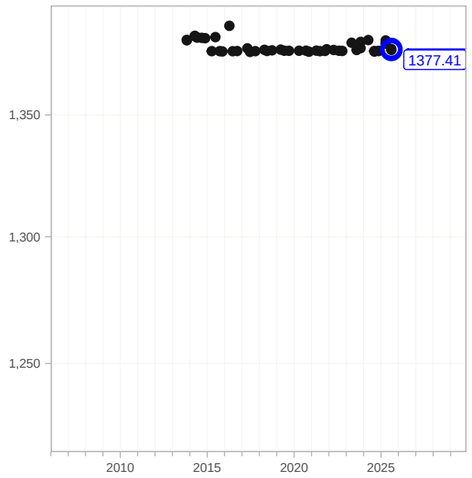


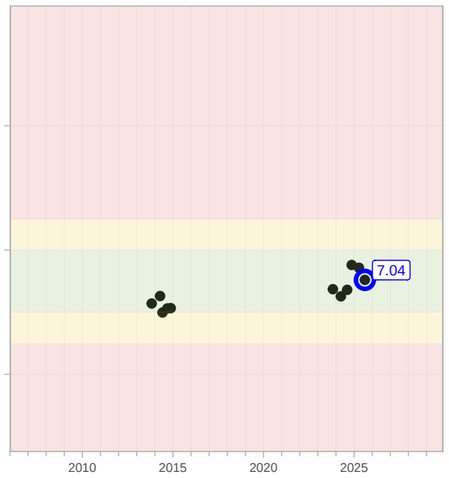
A−13 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



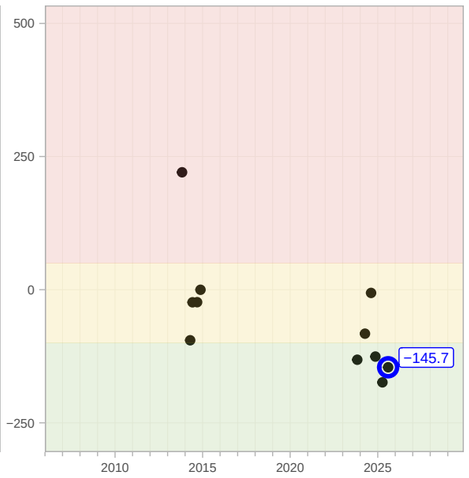
All | N = 47; ND = 0; %ND = 0; M−K = stable

pH (SU)



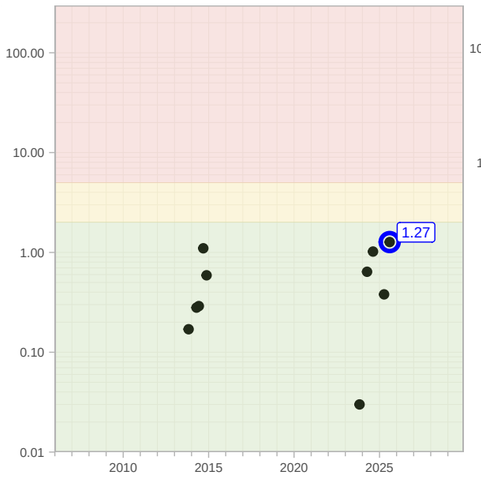
All | N = 11; ND = 0; %ND = 0; M−K = increasing

Oxidation/Reduction Potential (mV)



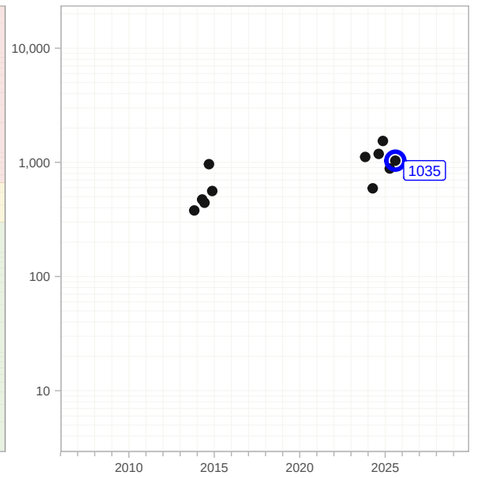
All | N = 11; ND = 0; %ND = 0; M−K = probably decreasing

Dissolved Oxygen (mg/L)



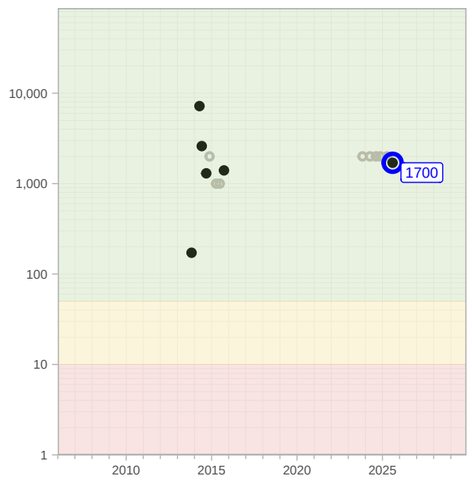
All | N = 10; ND = 0; %ND = 0; M−K = probably increasing

Specific Conductance (uS/cm)



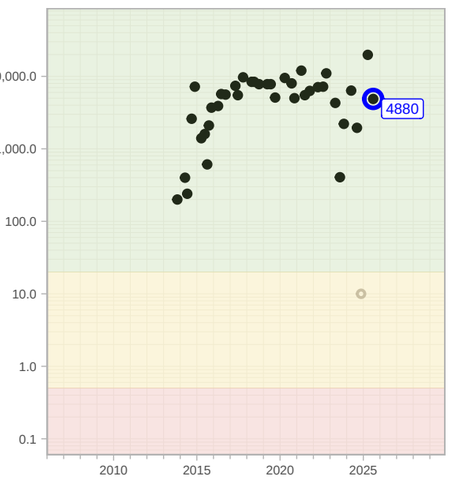
All | N = 11; ND = 0; %ND = 0; M−K = increasing

Sulfide (ug/L)



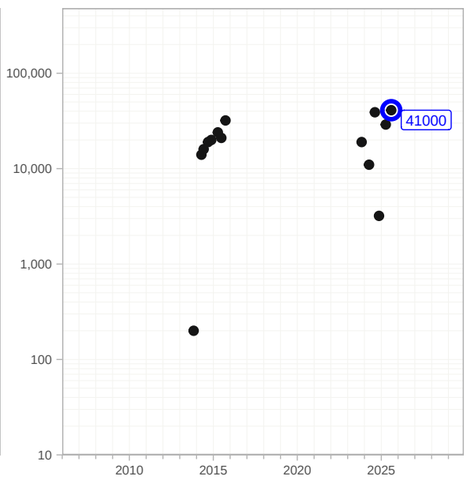
All | N = 14; ND = 8; %ND = 57.1; M−K = no trend

Methane (ug/L)



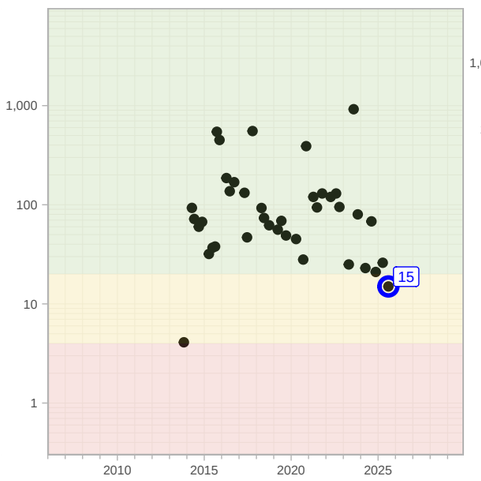
All | N = 39; ND = 1; %ND = 2.6; M−K = increasing

Iron − Ferrous (ug/L)



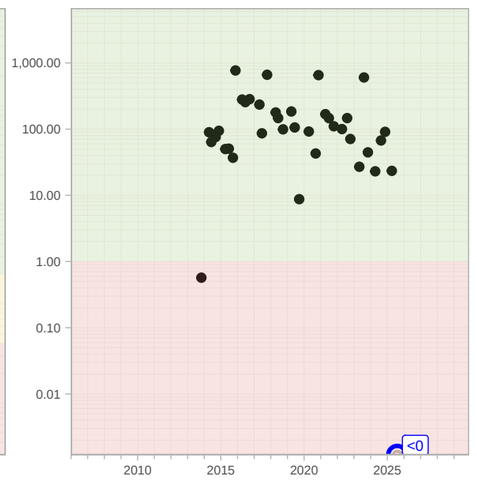
All | N = 14; ND = 0; %ND = 0; M−K = increasing

Total Organic Carbon (mg/L)



All | N = 39; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 38; ND = 1; %ND = 2.6; M−K = no trend

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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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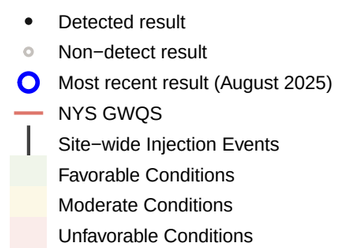
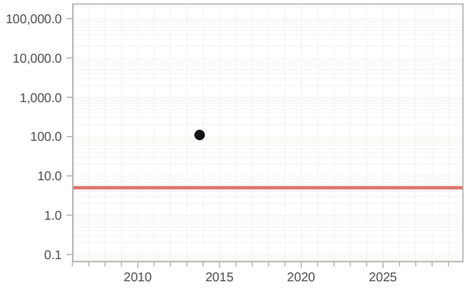
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



A−14 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

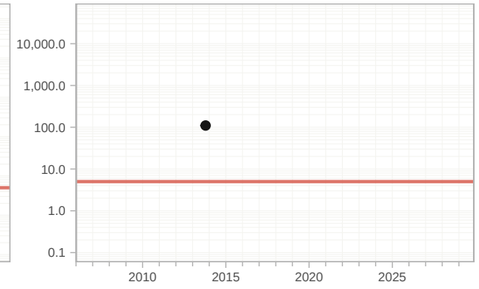
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

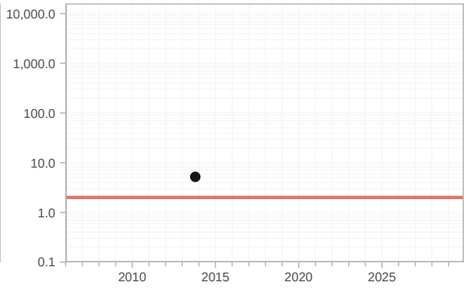
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

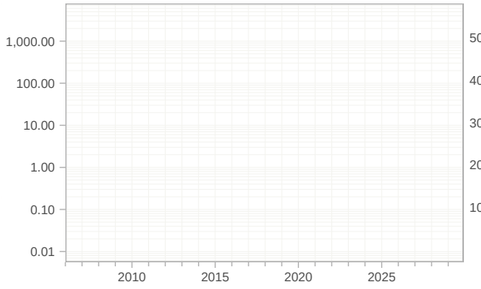
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



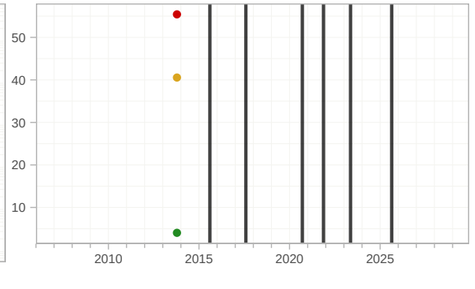
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethane + Ethene



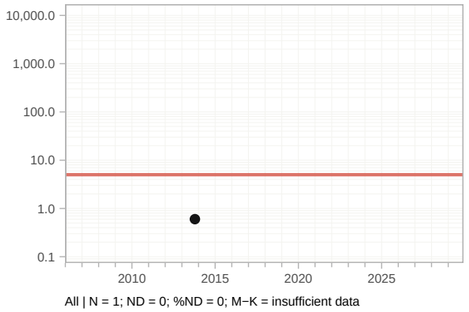
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

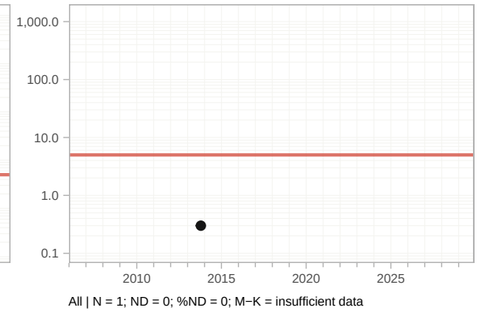
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

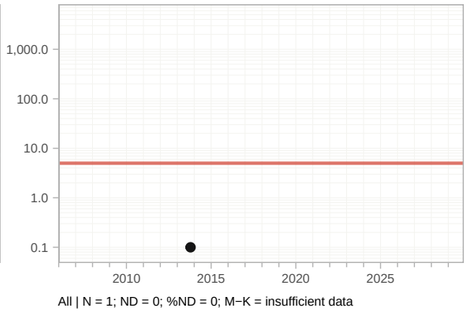
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

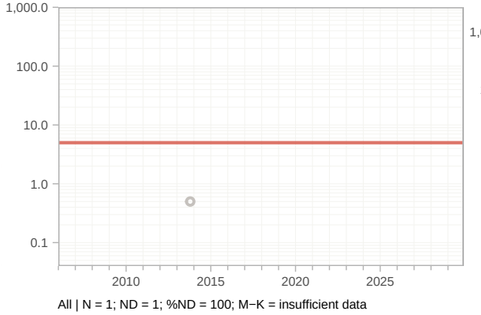
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Carbon tetrachloride (ug/L)

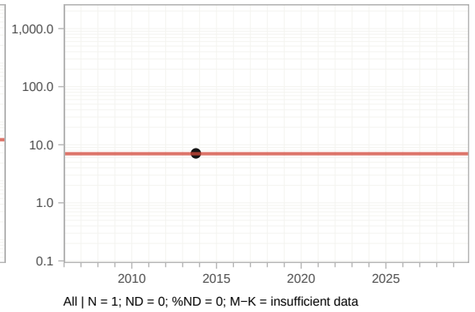
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

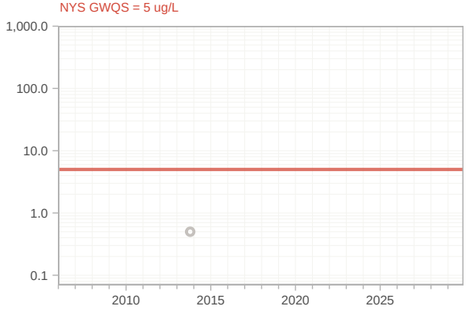
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

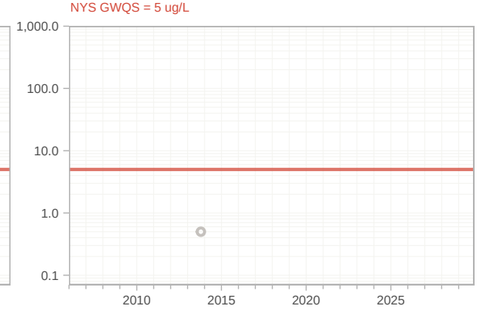
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

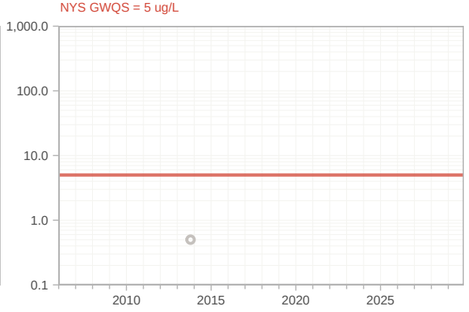
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

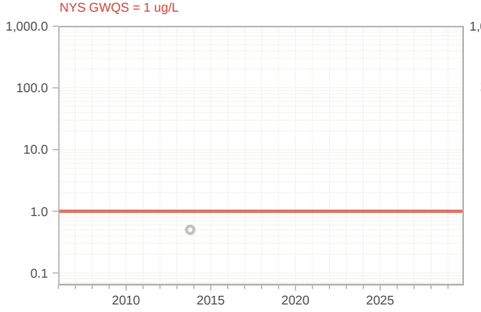
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

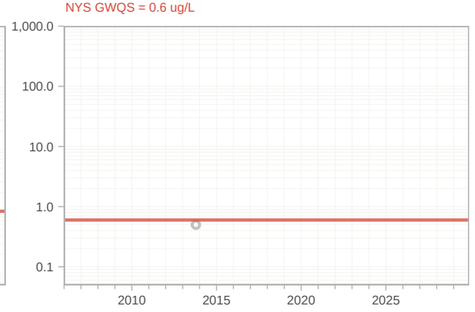
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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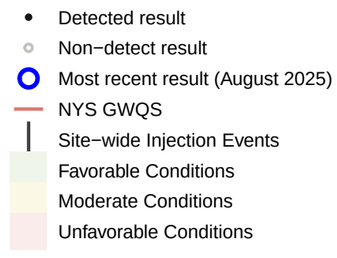
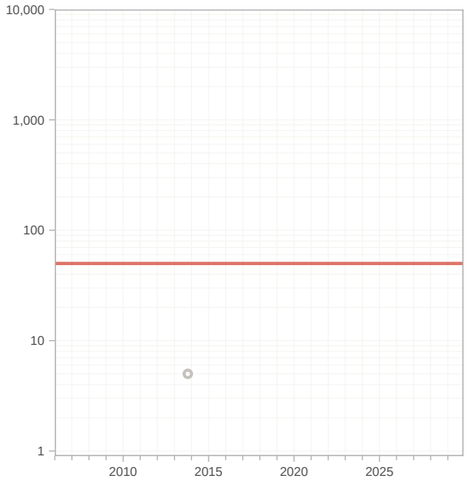


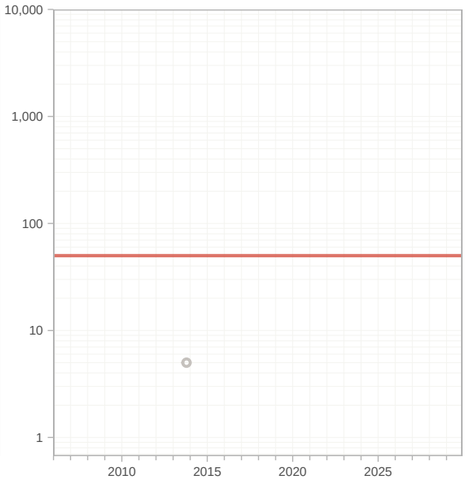
A−14 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



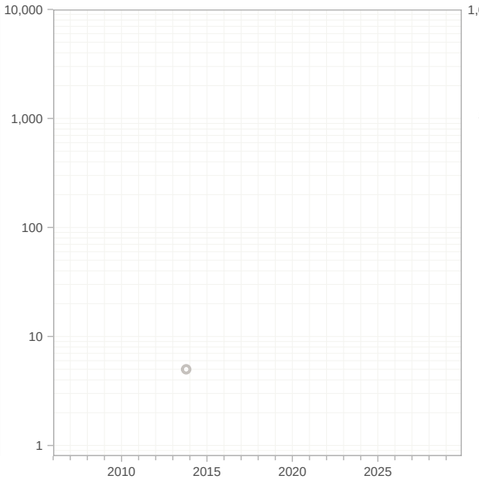
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



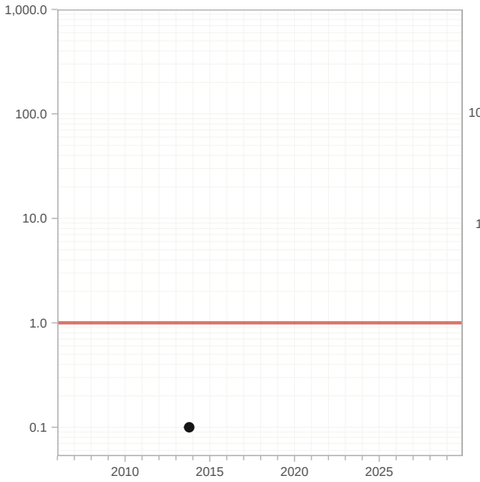
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



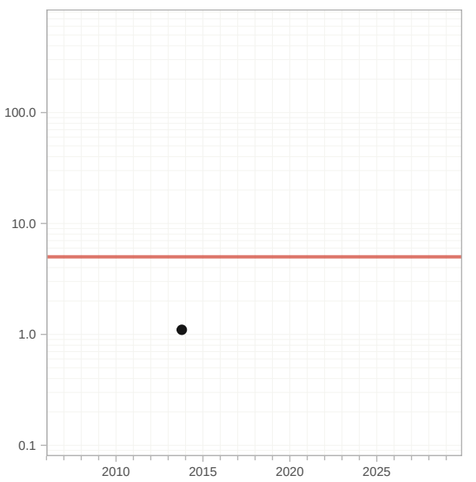
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)



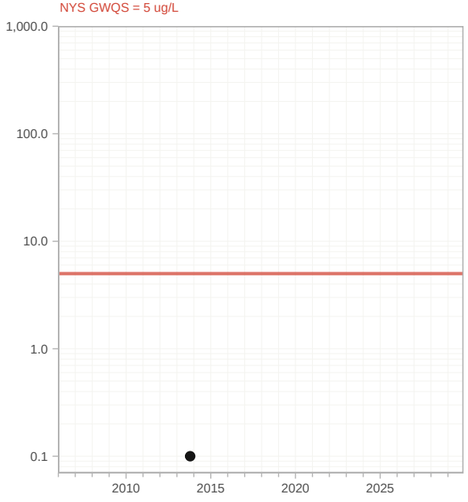
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)



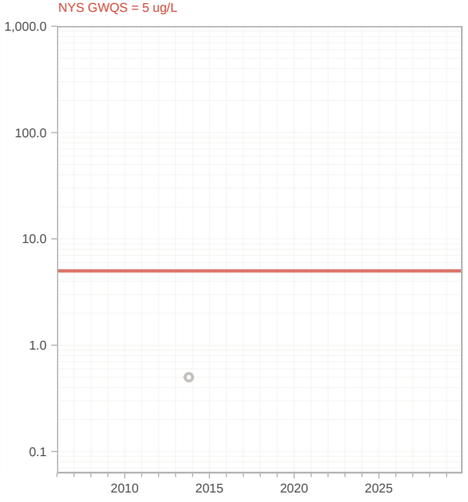
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)



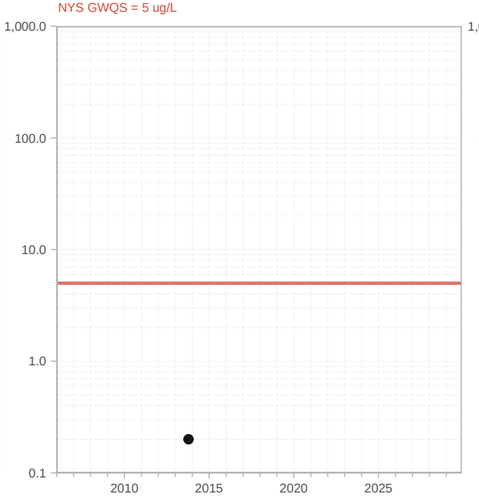
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



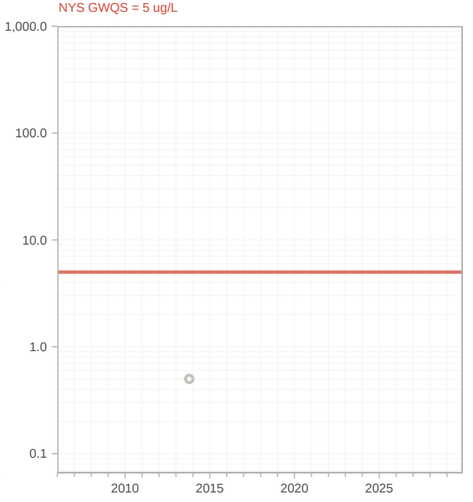
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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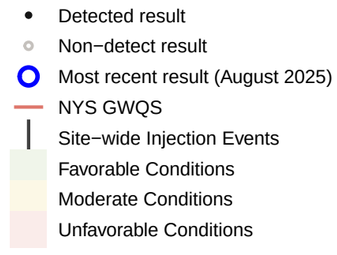
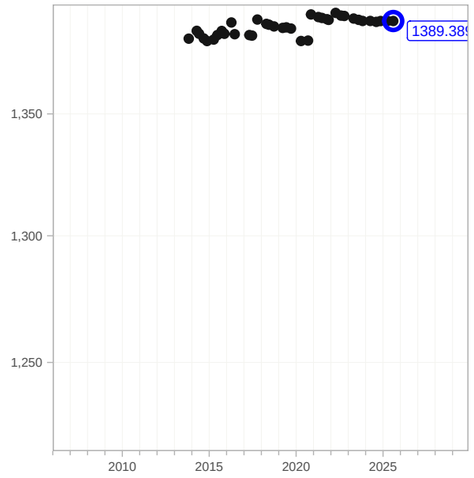


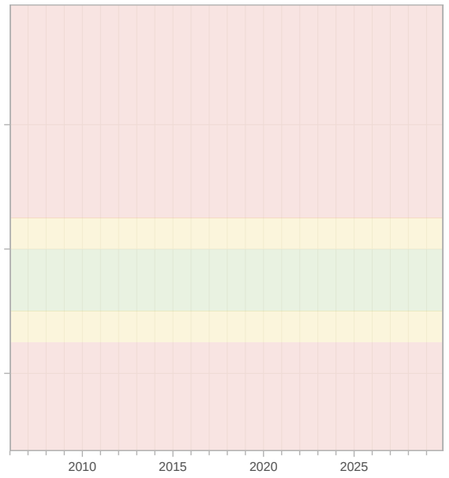
A−14 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



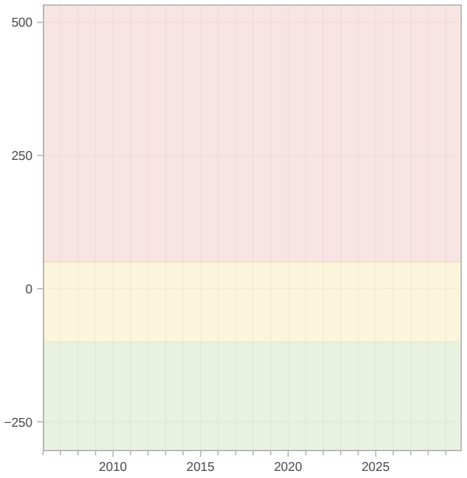
All | N = 38; ND = 0; %ND = 0; M−K = strong increasing

pH



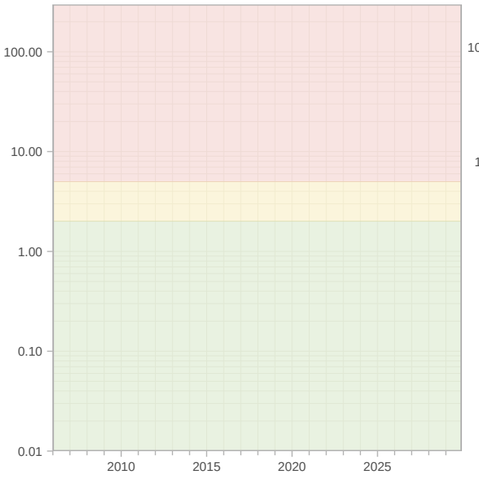
No Data

Oxidation/Reduction Potential



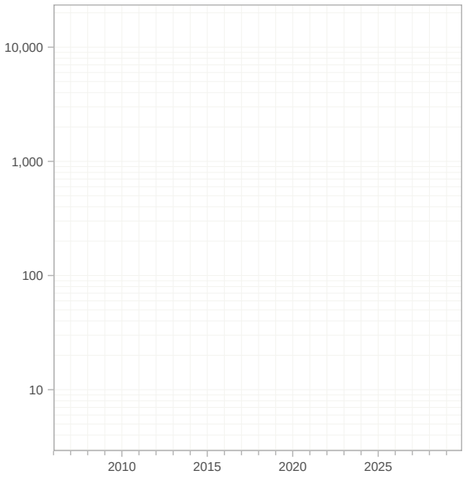
No Data

Dissolved Oxygen



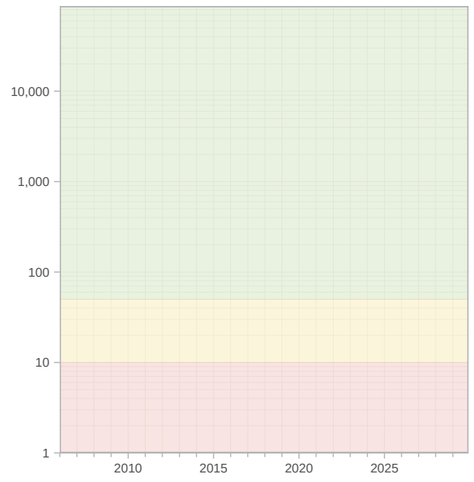
No Data

Specific Conductance



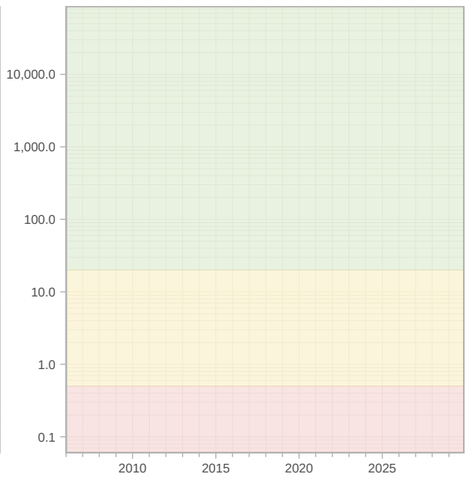
No Data

Sulfide



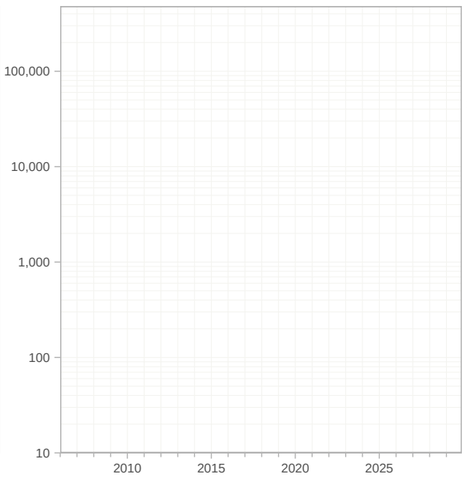
No Data

Methane



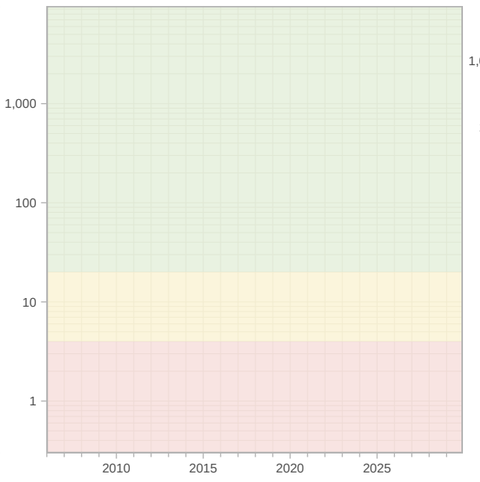
No Data

Iron − Ferrous



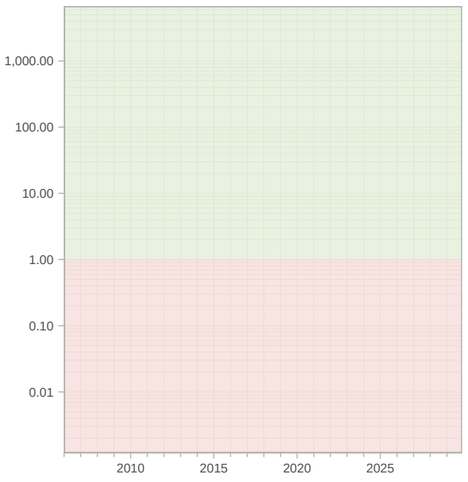
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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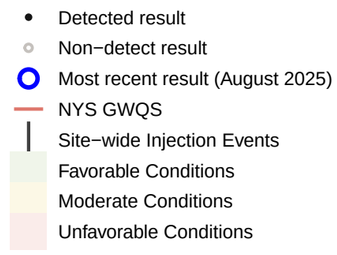
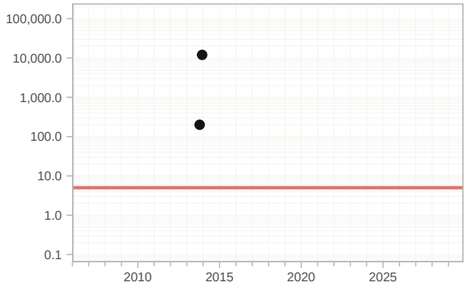


A−15 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

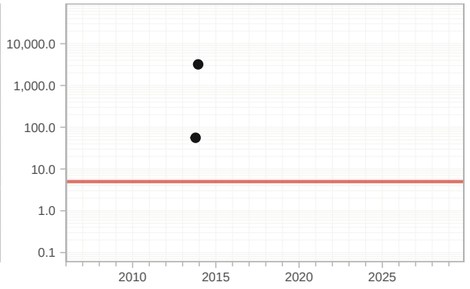
NYS GWQS = 5 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

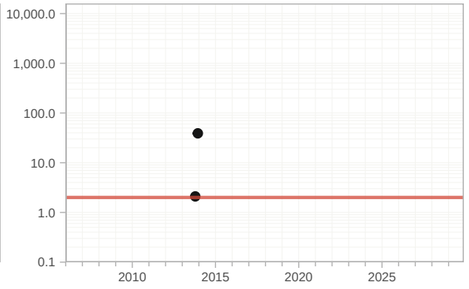
NYS GWQS = 5 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

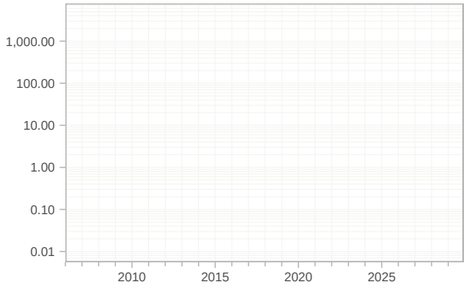
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



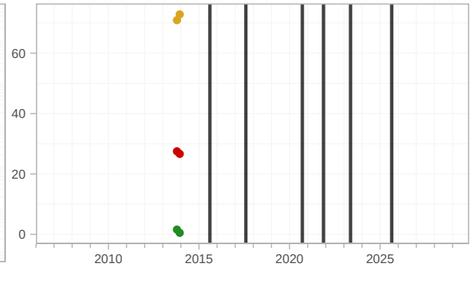
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Ethane + Ethene



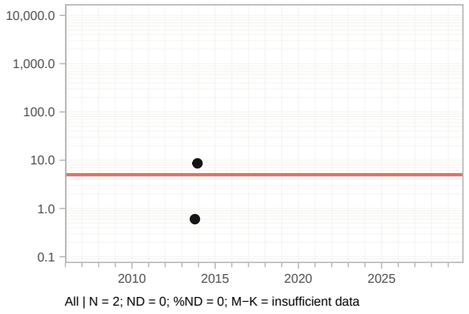
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

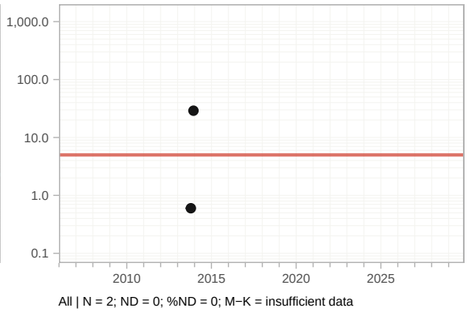
NYS GWQS = 5 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

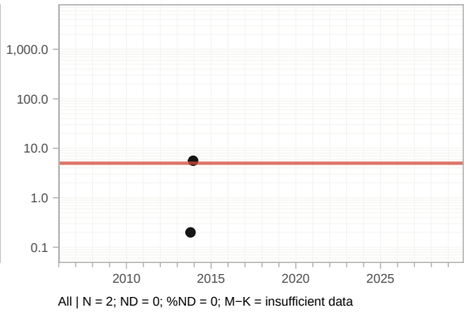
NYS GWQS = 5 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

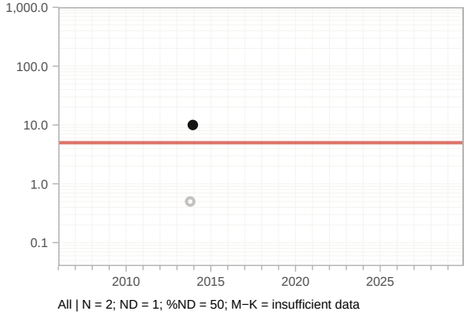
NYS GWQS = 5 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Carbon tetrachloride (ug/L)

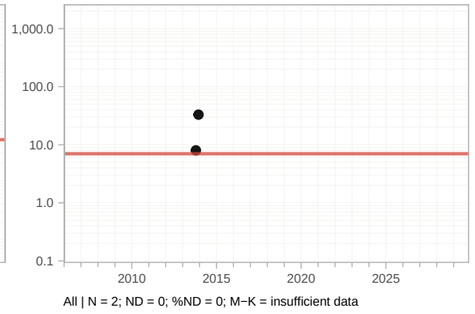
NYS GWQS = 5 ug/L



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

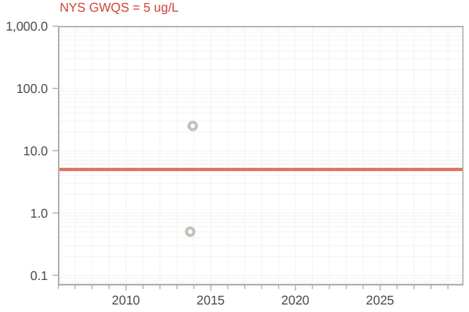
NYS GWQS = 7 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

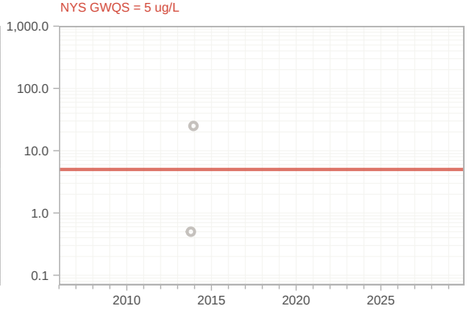
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

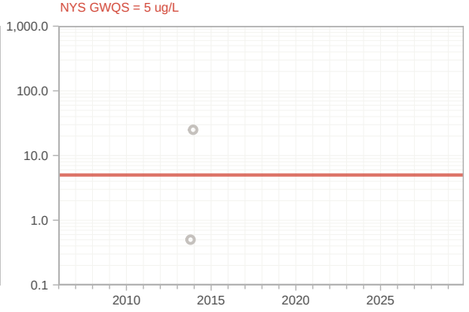
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

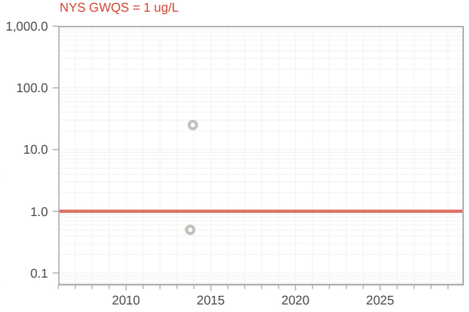
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

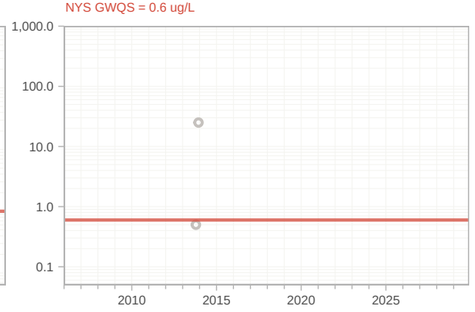
NYS GWQS = 1 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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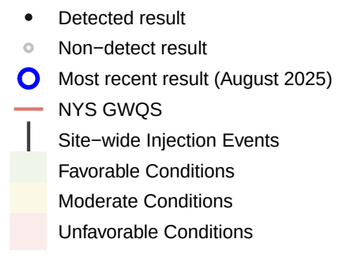
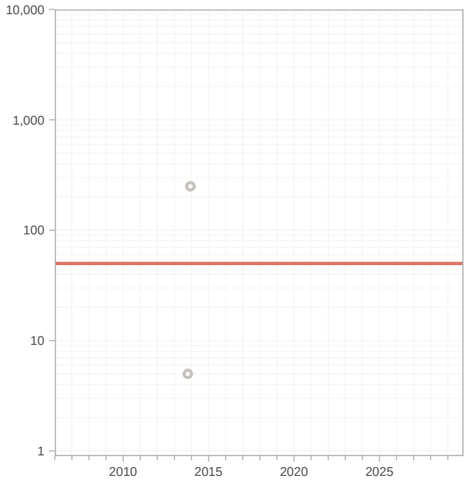


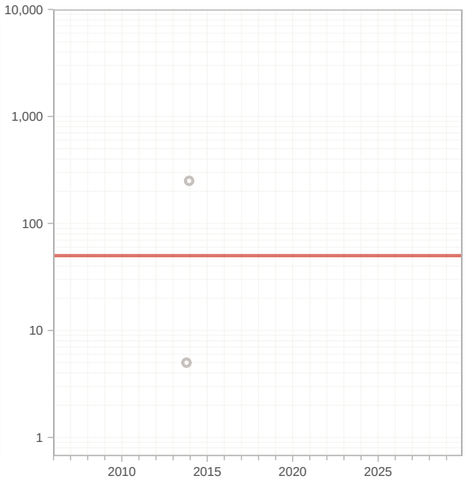
A−15 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



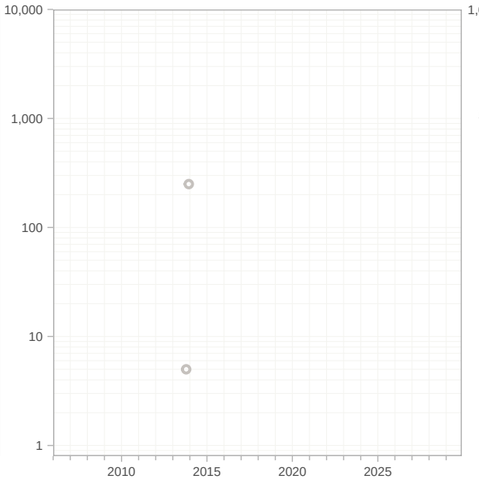
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



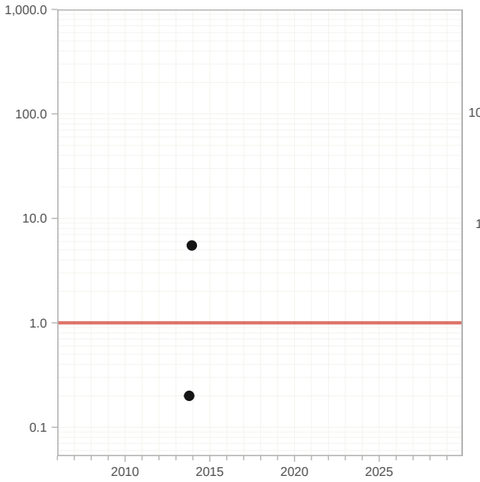
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



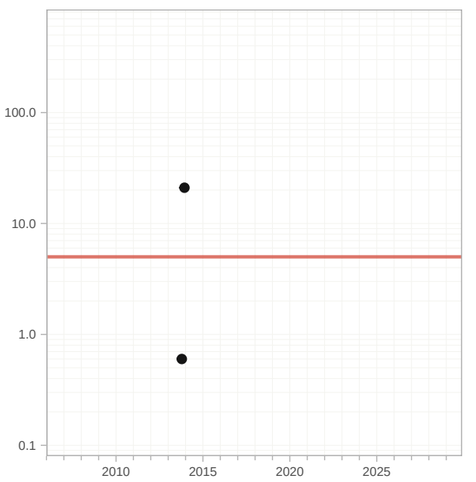
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Benzene (ug/L)



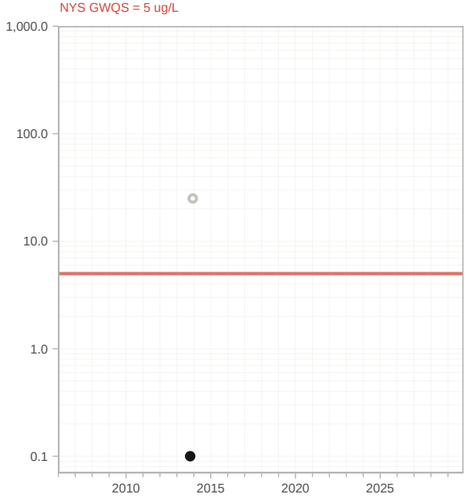
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)



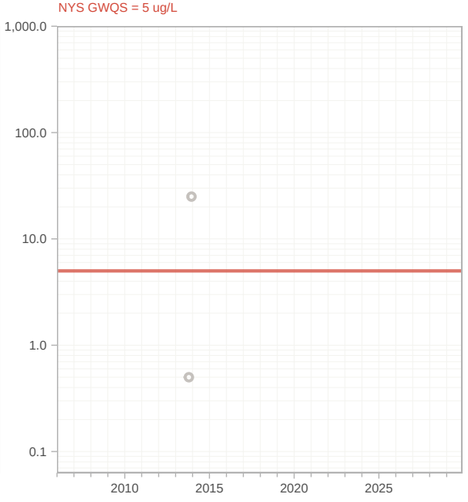
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)



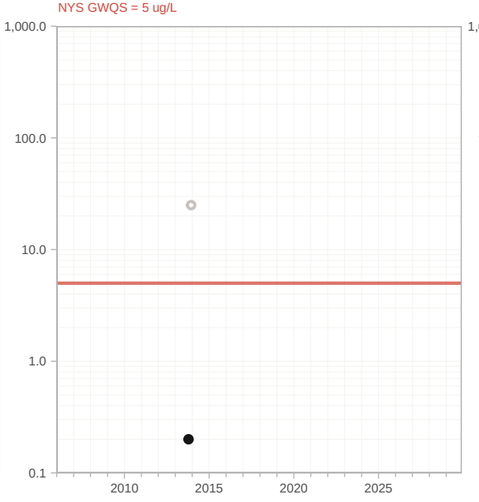
All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



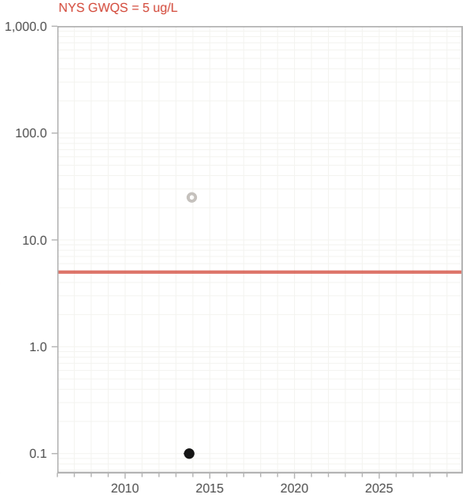
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

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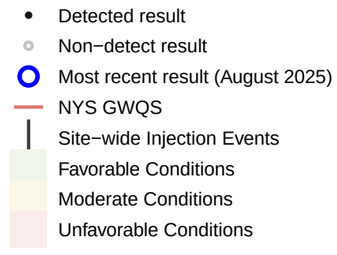
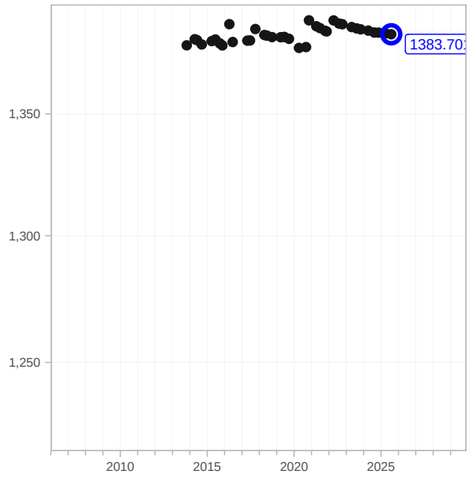


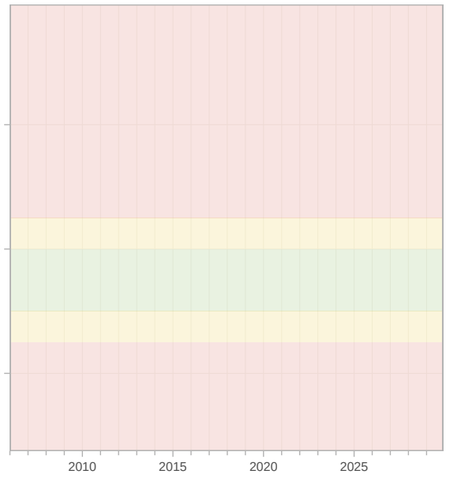
A−15 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



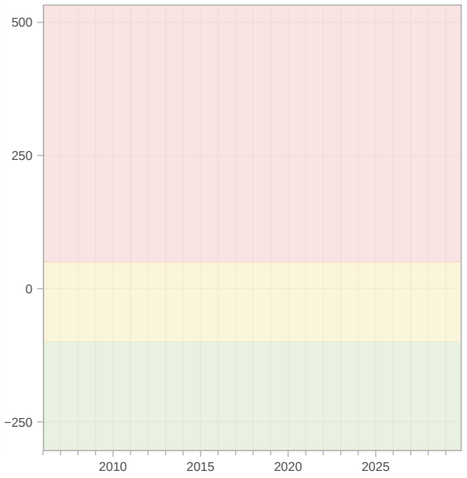
All | N = 37; ND = 0; %ND = 0; M−K = strong increasing

pH



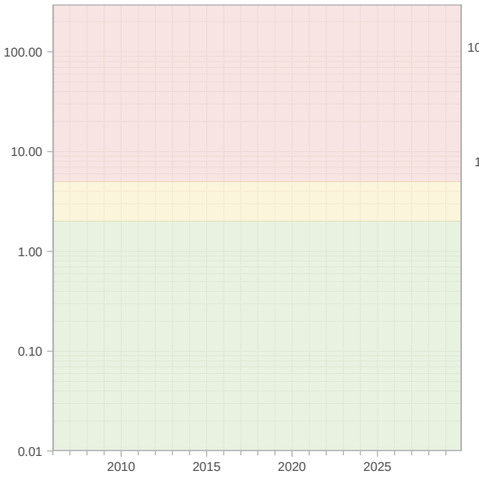
No Data

Oxidation/Reduction Potential



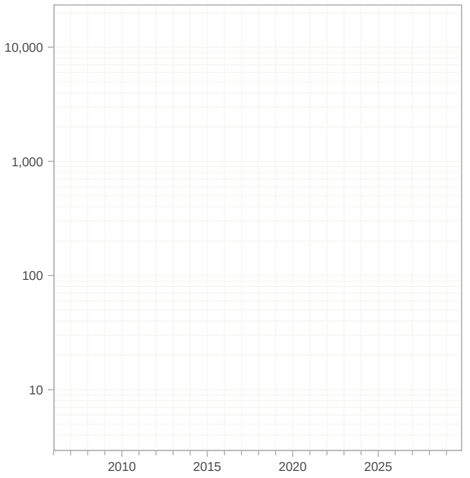
No Data

Dissolved Oxygen



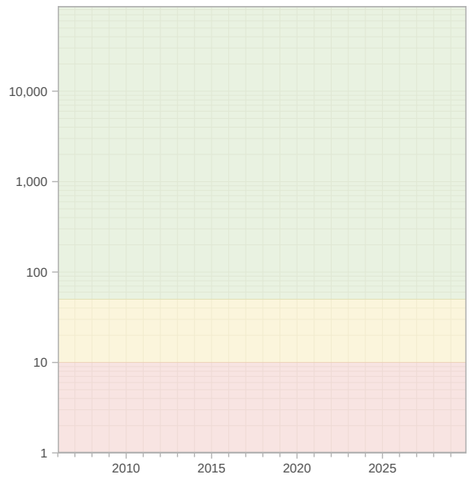
No Data

Specific Conductance



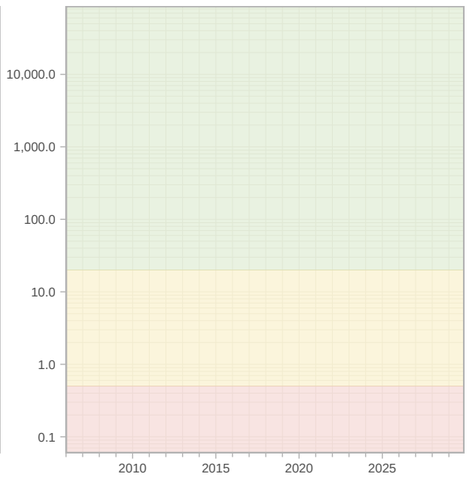
No Data

Sulfide



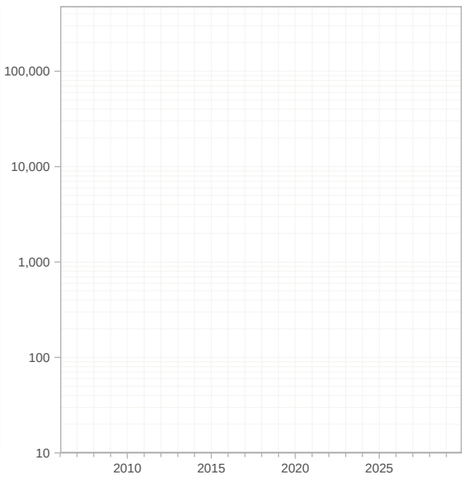
No Data

Methane



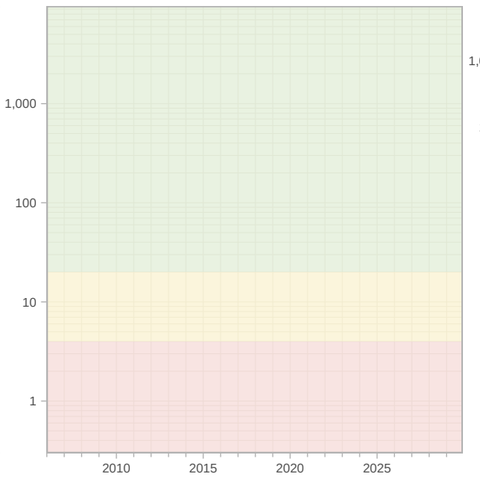
No Data

Iron − Ferrous



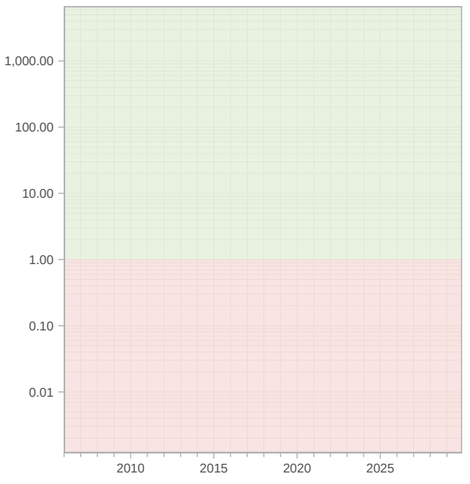
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

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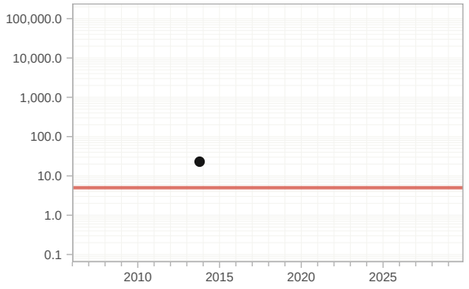
Trichloroethene (TCE) (ug/L)

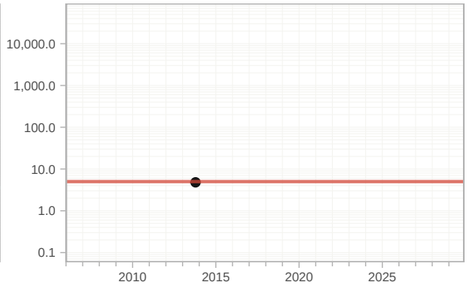
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

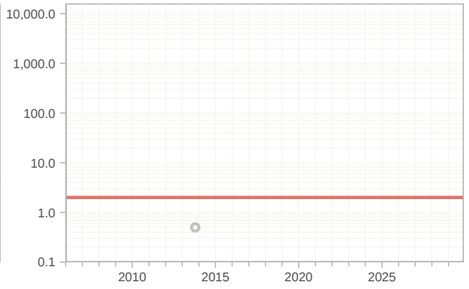
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

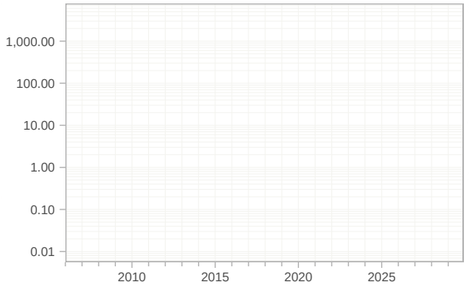
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



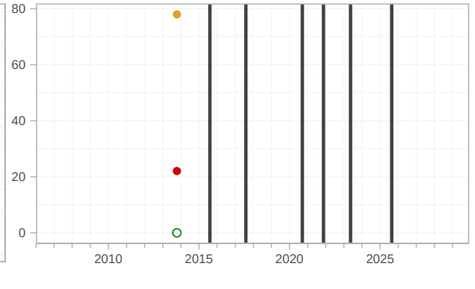
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethane + Ethene



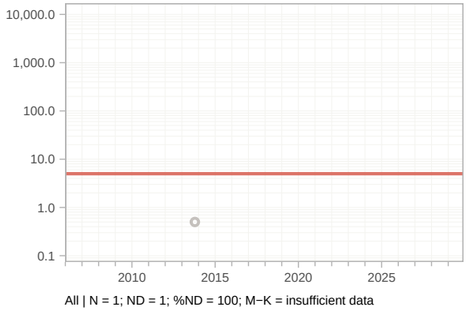
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

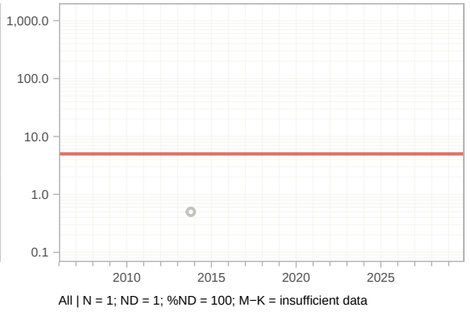
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

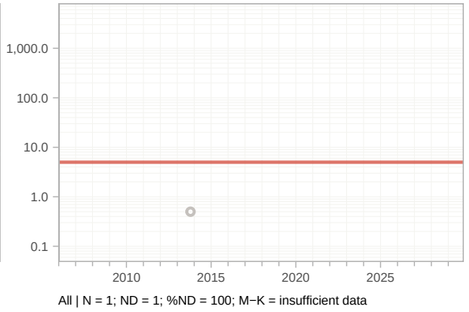
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

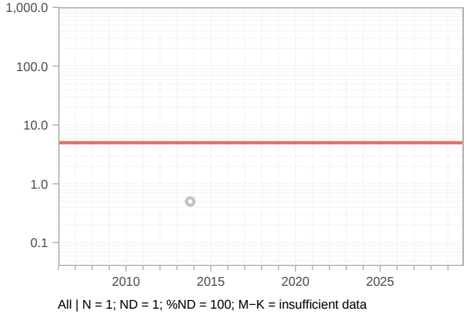
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

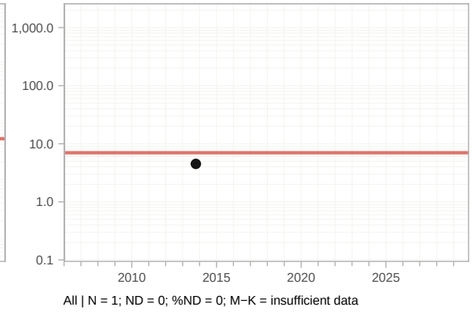
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

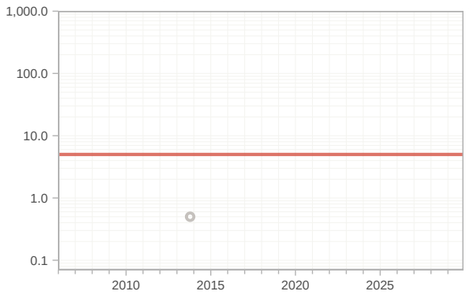
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

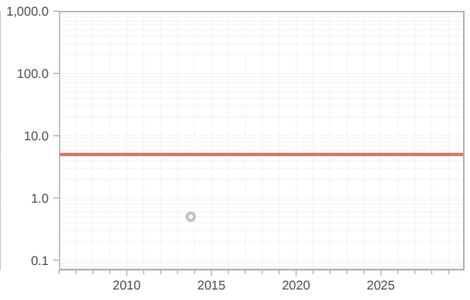
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

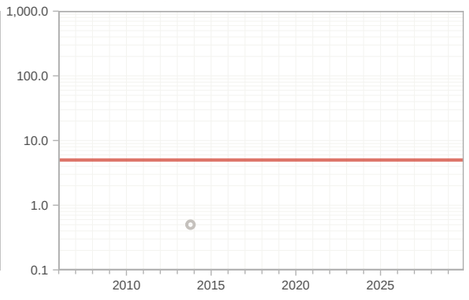
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

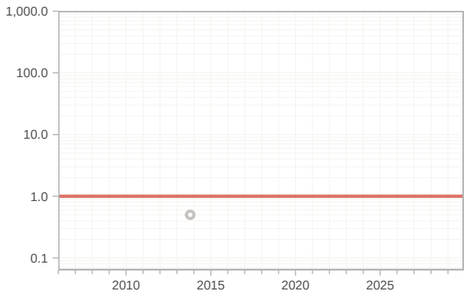
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

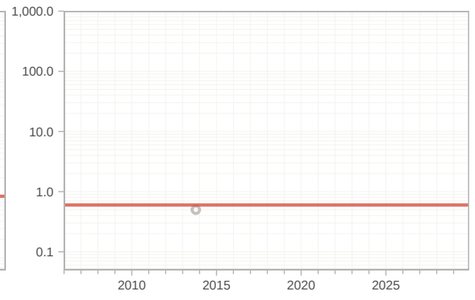
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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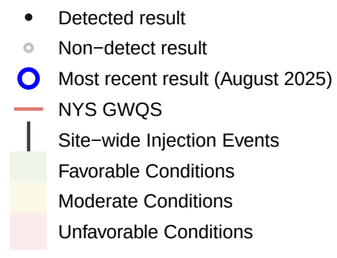

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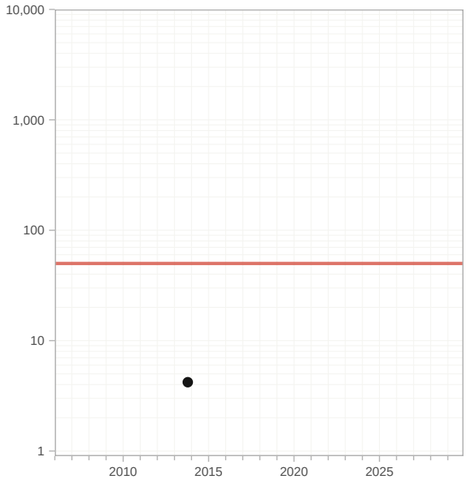
Acetone (ug/L)

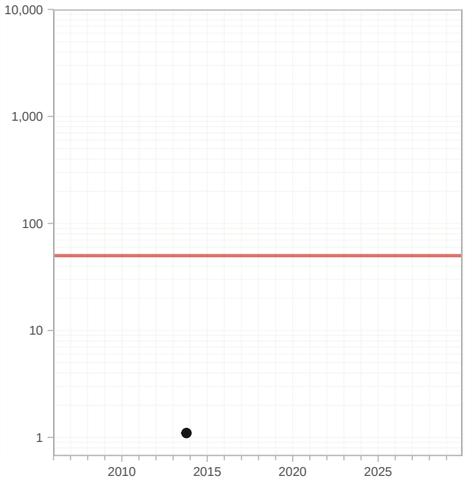
NYS GWQS = 50 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

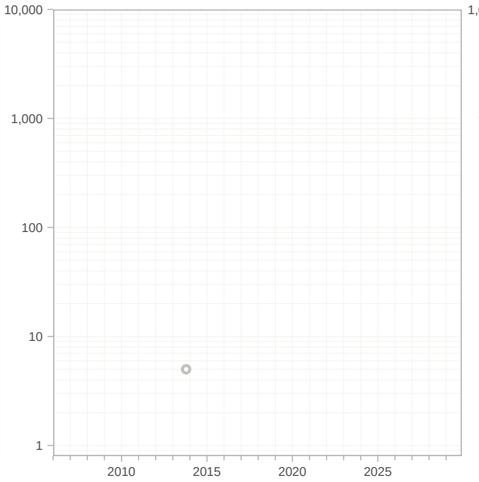
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

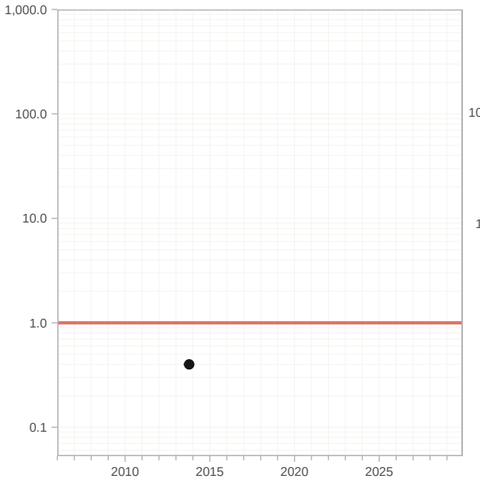
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)

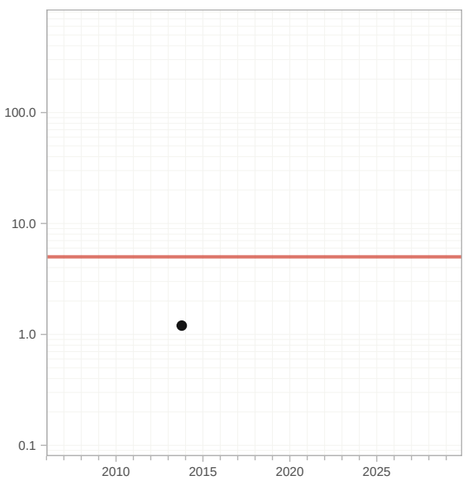
NYS GWQS = 1 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)

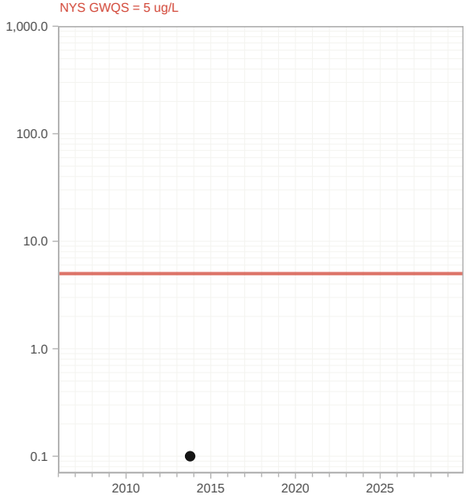
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)

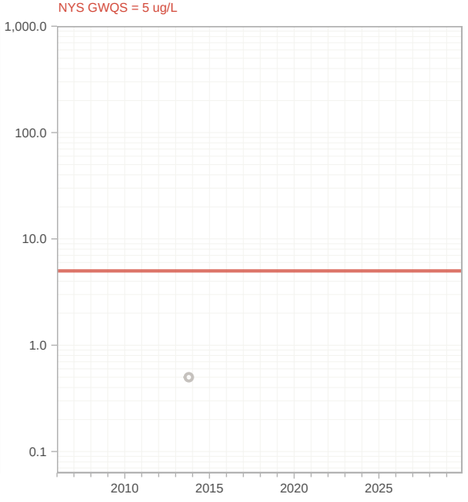
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)

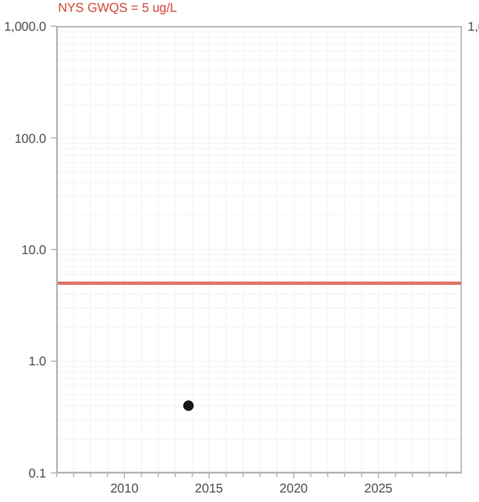
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)

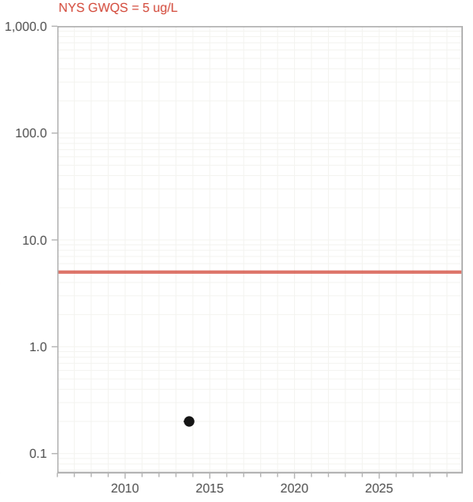
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

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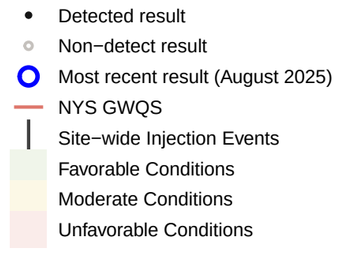
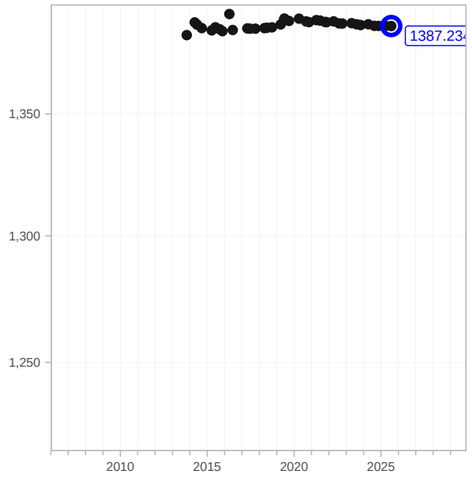


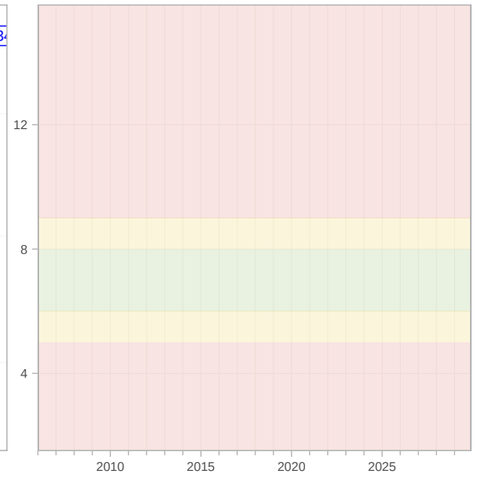
A−16 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



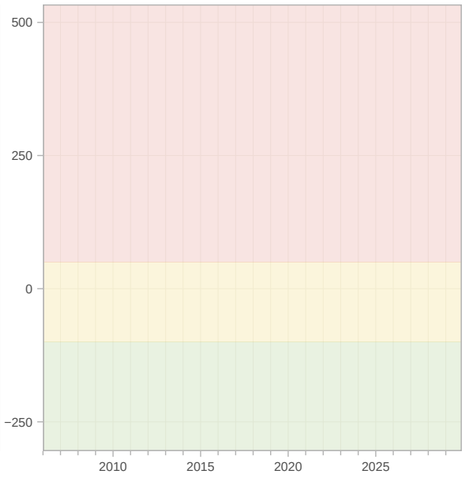
All | N = 37; ND = 0; %ND = 0; M−K = stable

pH



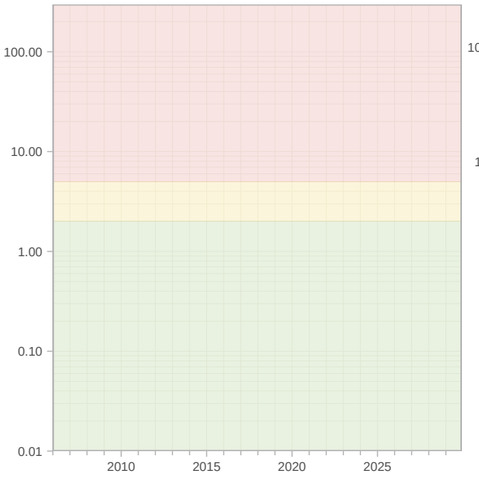
No Data

Oxidation/Reduction Potential



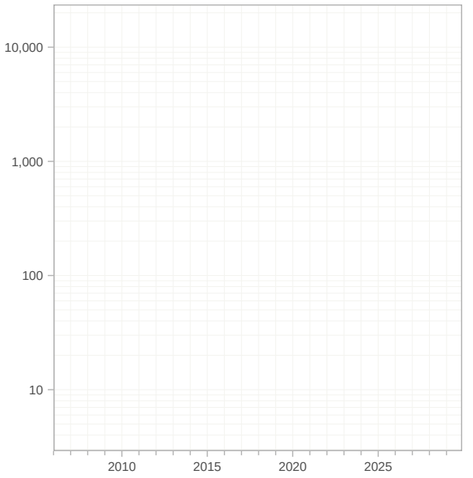
No Data

Dissolved Oxygen



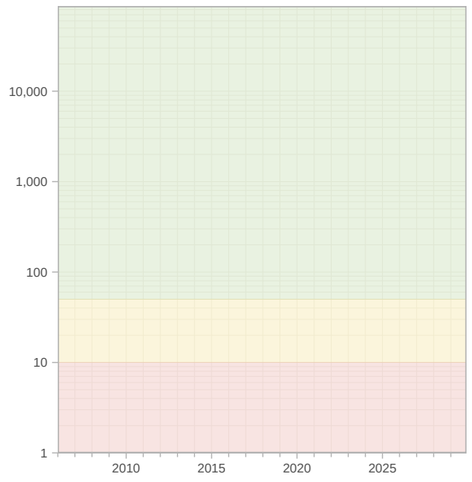
No Data

Specific Conductance



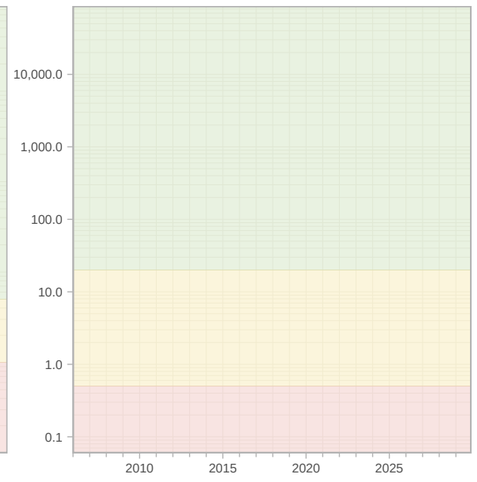
No Data

Sulfide



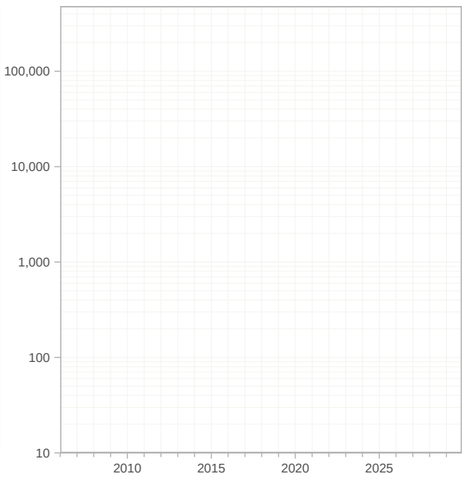
No Data

Methane



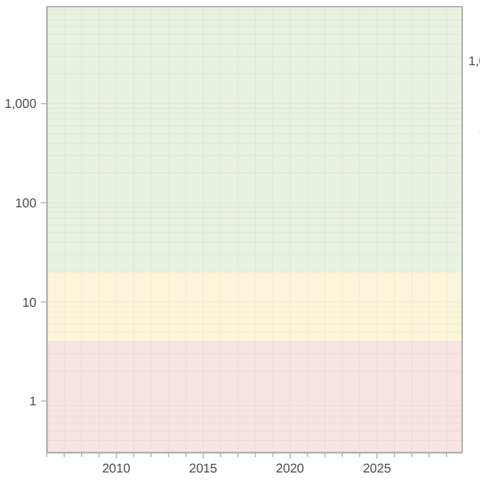
No Data

Iron − Ferrous



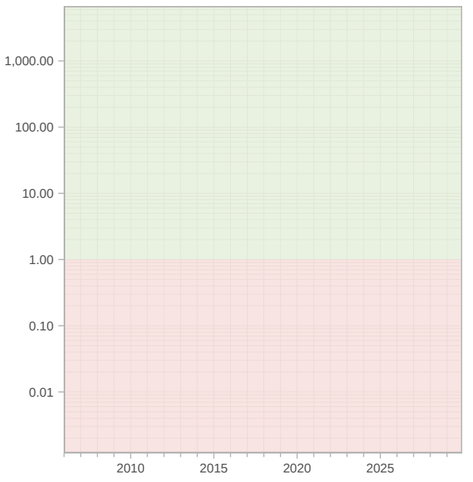
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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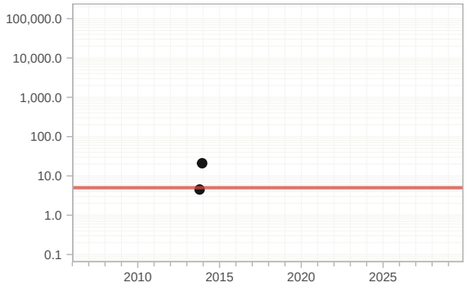
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

A−17 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

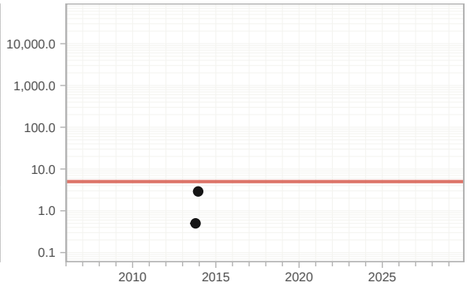
NYS GWQS = 5 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

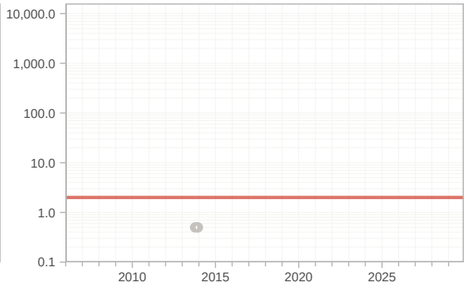
NYS GWQS = 5 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

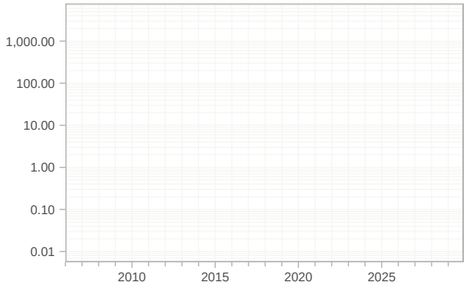
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



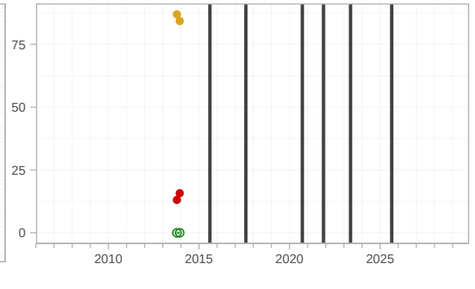
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Ethane + Ethene



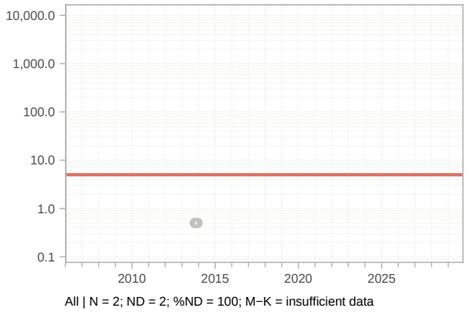
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

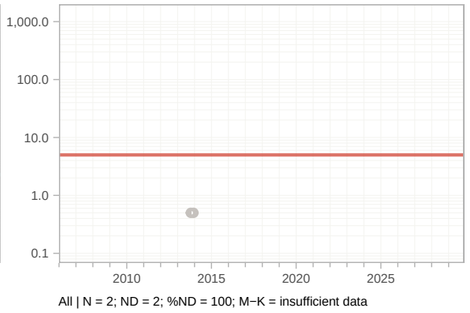
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

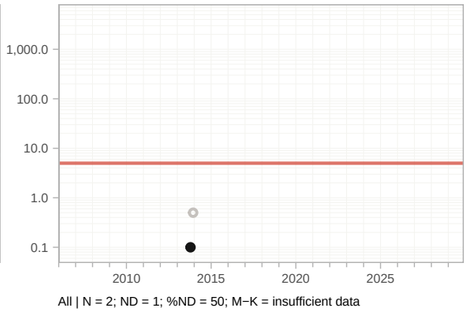
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

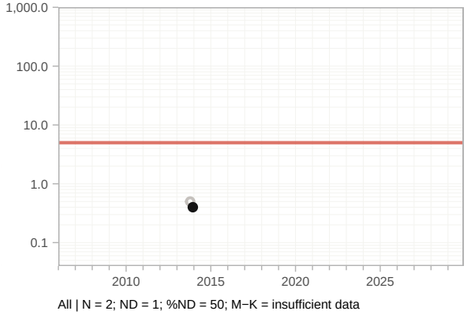
NYS GWQS = 5 ug/L



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Carbon tetrachloride (ug/L)

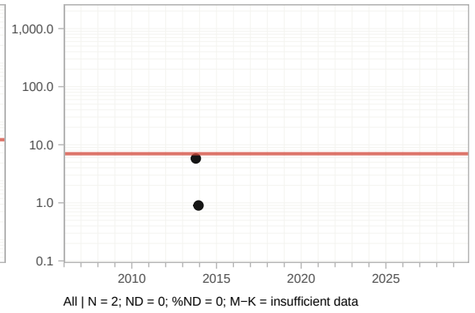
NYS GWQS = 5 ug/L



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

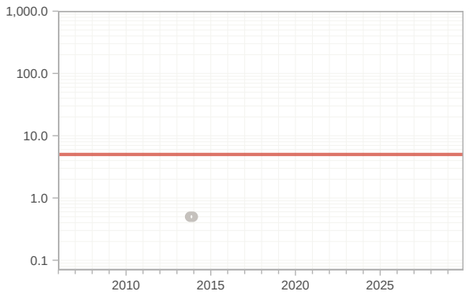
NYS GWQS = 7 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

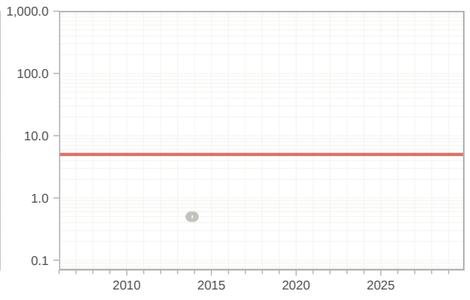
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

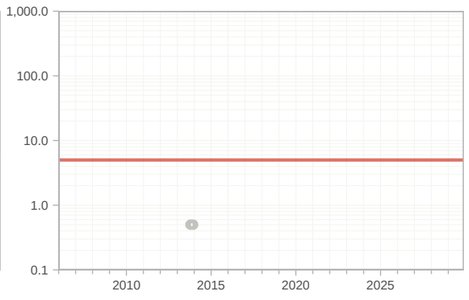
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

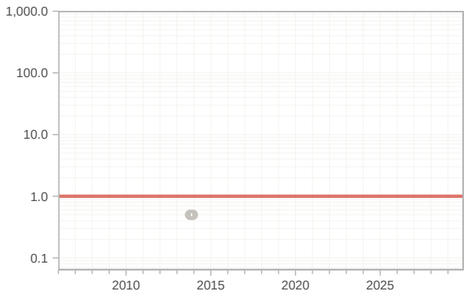
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

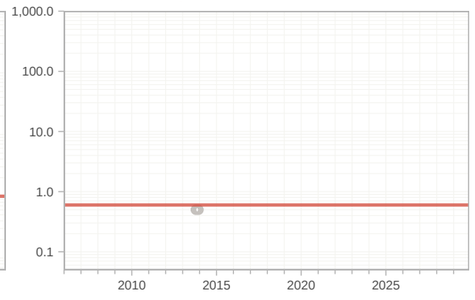
NYS GWQS = 1 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

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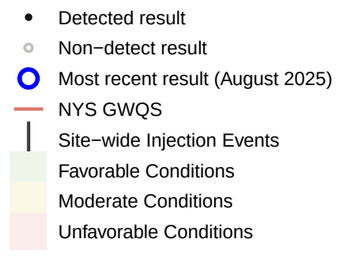
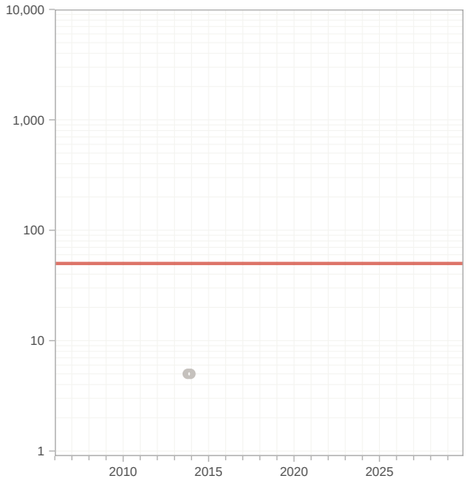
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



A−17 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

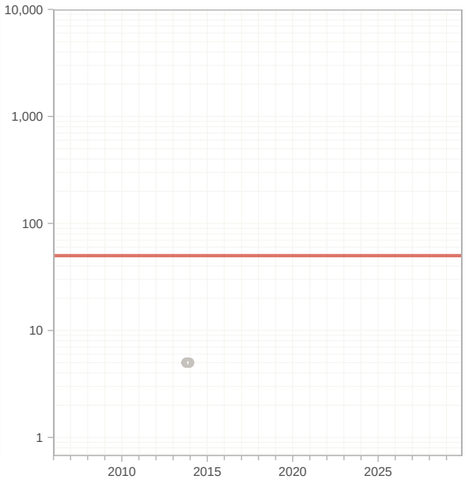
NYS GWQS = 50 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

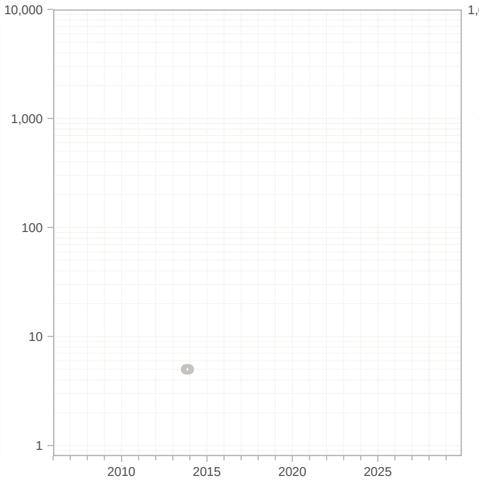
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

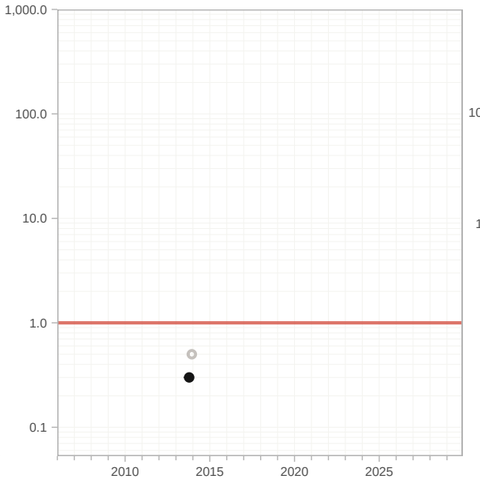
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Benzene (ug/L)

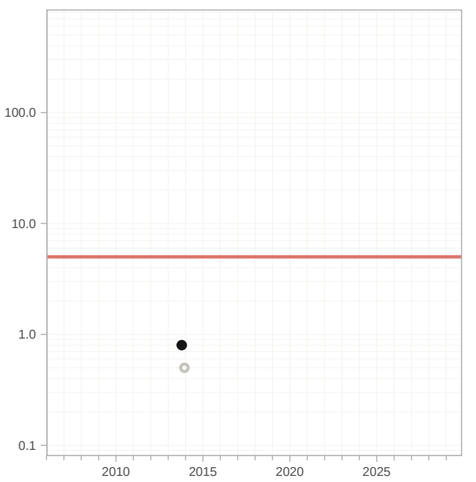
NYS GWQS = 1 ug/L



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Toluene (ug/L)

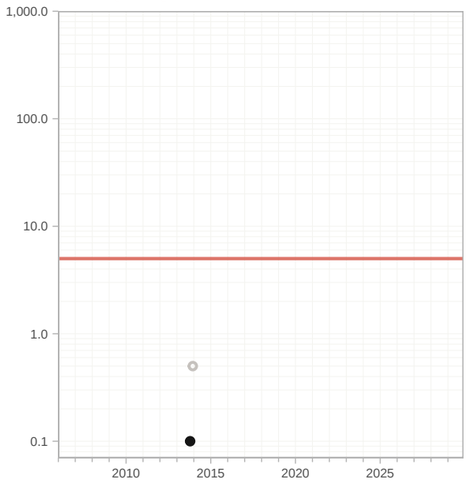
NYS GWQS = 5 ug/L



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Ethylbenzene (ug/L)

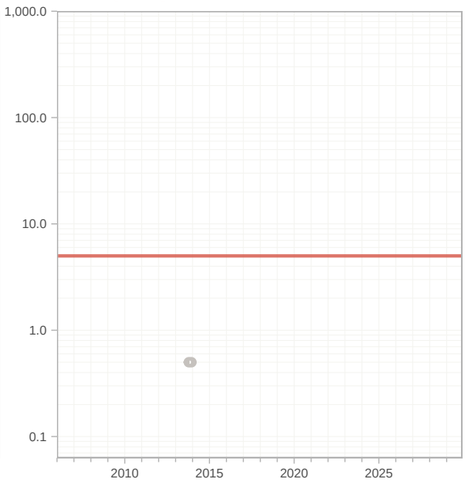
NYS GWQS = 5 ug/L



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)

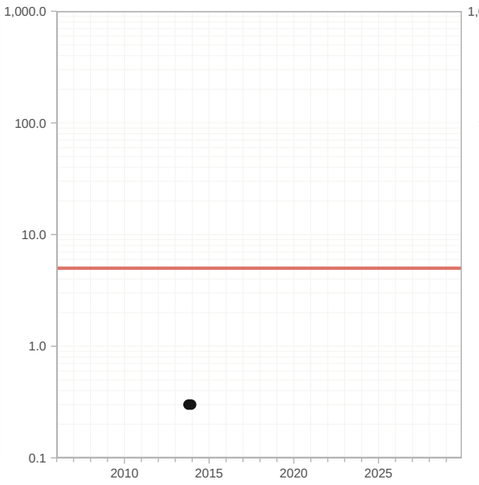
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)

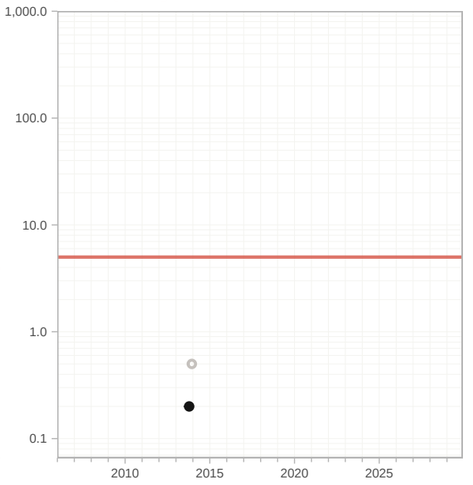
NYS GWQS = 5 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Notes:
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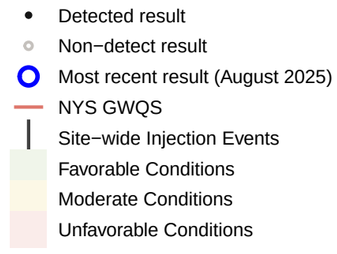
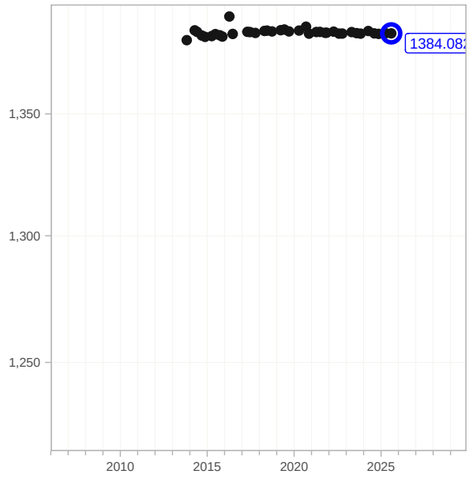


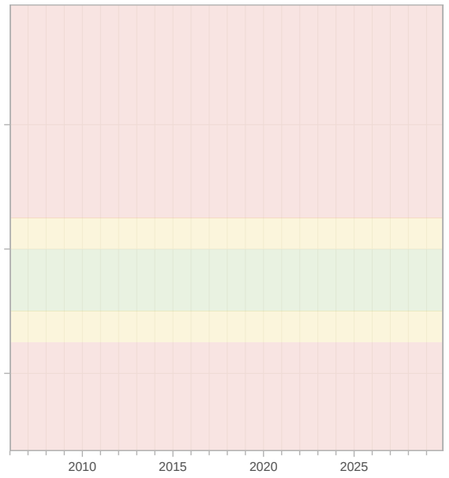
A−17 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



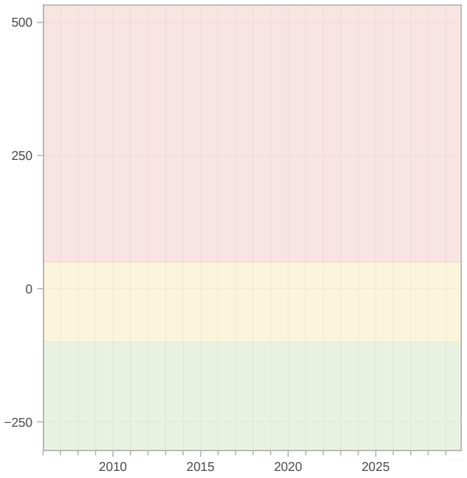
All | N = 38; ND = 0; %ND = 0; M−K = stable

pH



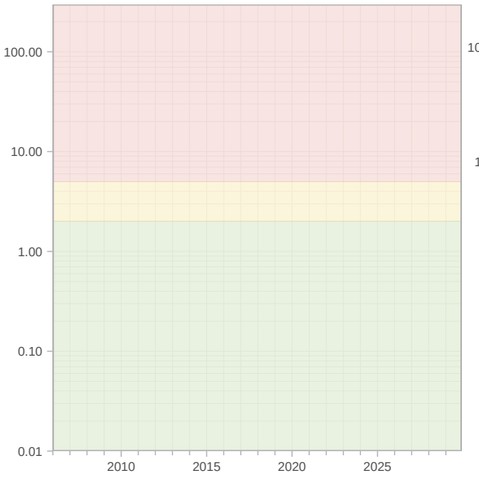
No Data

Oxidation/Reduction Potential



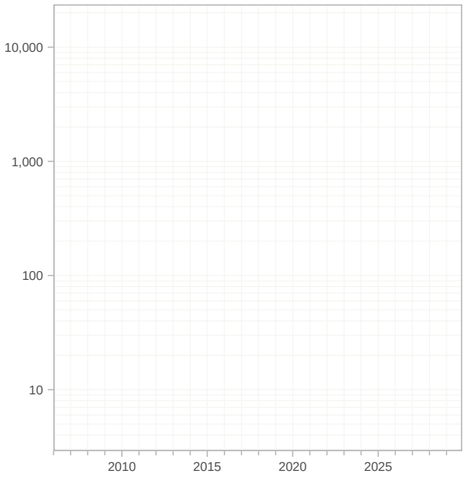
No Data

Dissolved Oxygen



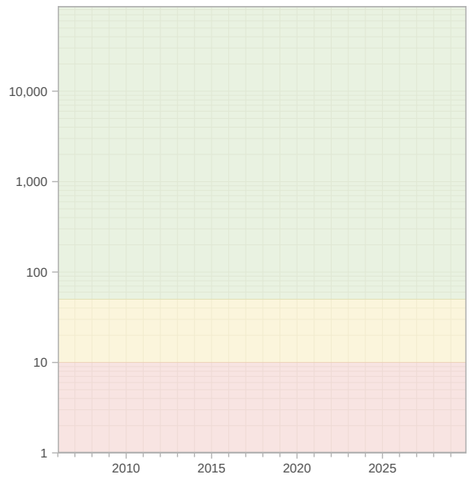
No Data

Specific Conductance



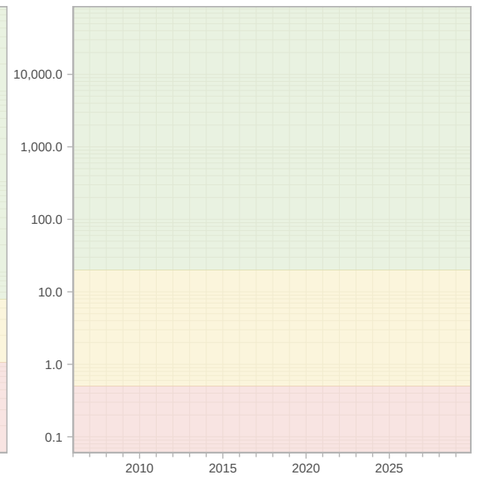
No Data

Sulfide



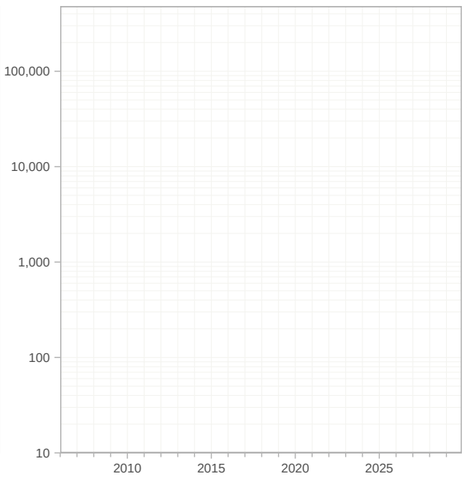
No Data

Methane



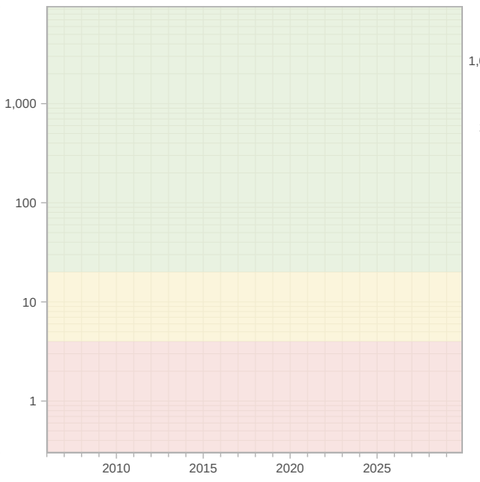
No Data

Iron − Ferrous



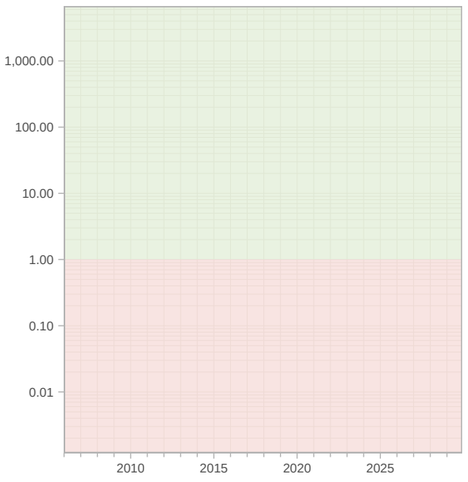
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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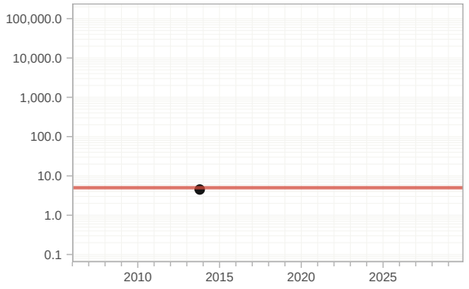
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

A−2 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

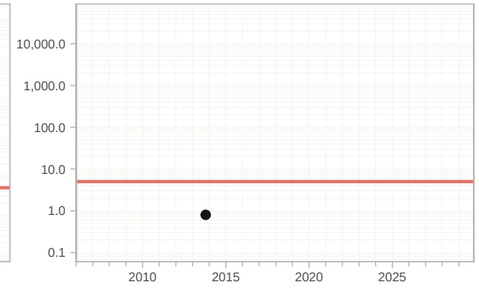
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

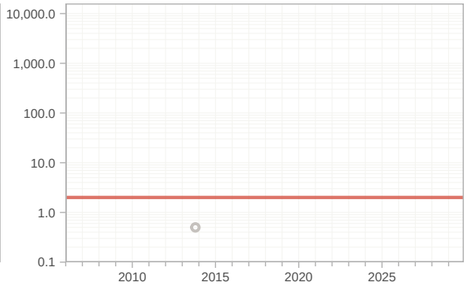
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

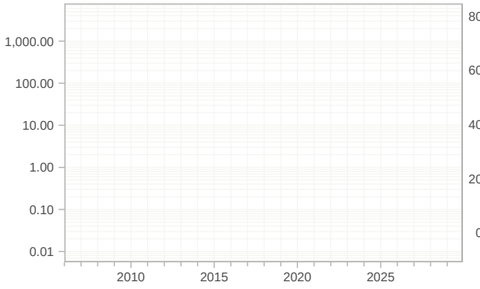
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



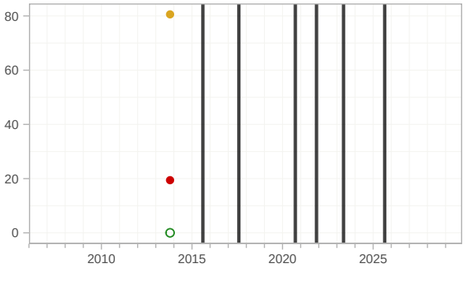
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethane + Ethene



No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

NYS GWQS = 5 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

NYS GWQS = 5 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

NYS GWQS = 5 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

NYS GWQS = 5 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

NYS GWQS = 7 ug/L

All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

NYS GWQS = 5 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

NYS GWQS = 5 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

NYS GWQS = 5 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

NYS GWQS = 1 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L

All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

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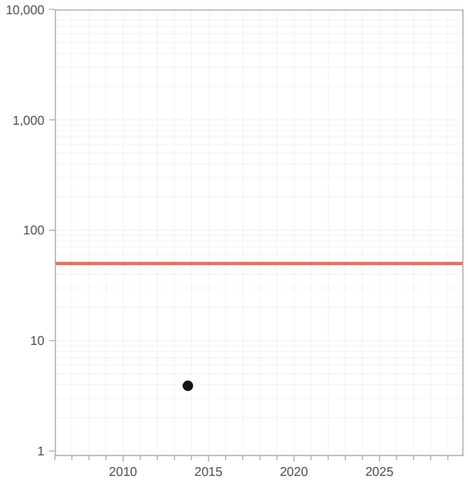
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

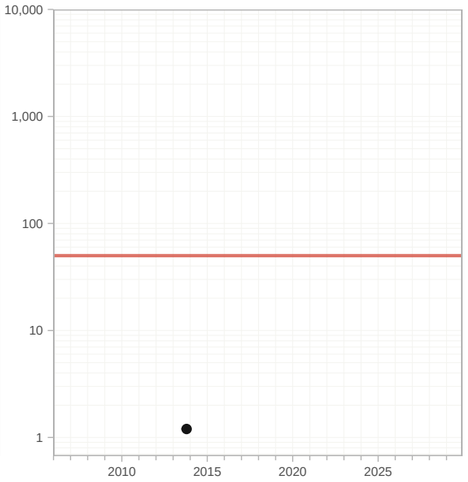
A−2 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



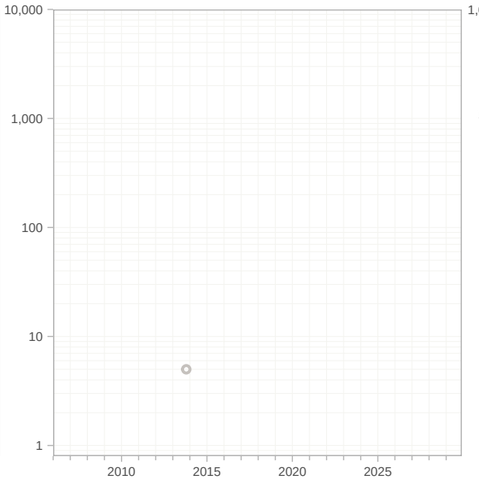
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



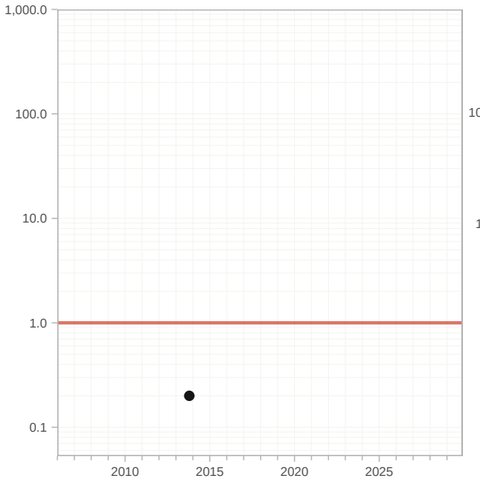
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



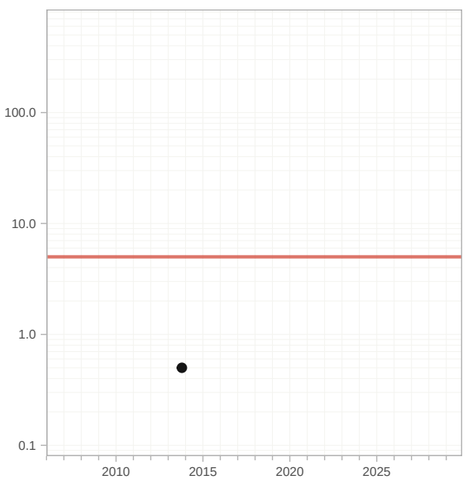
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)



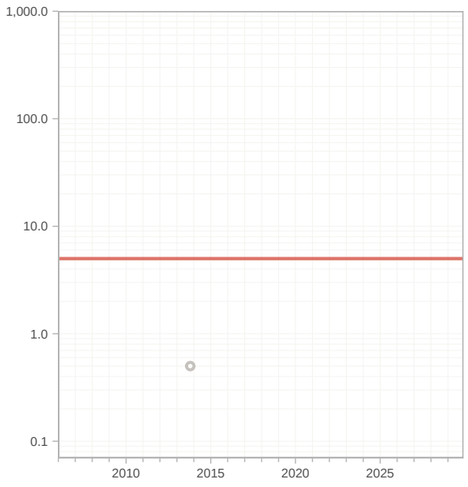
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)



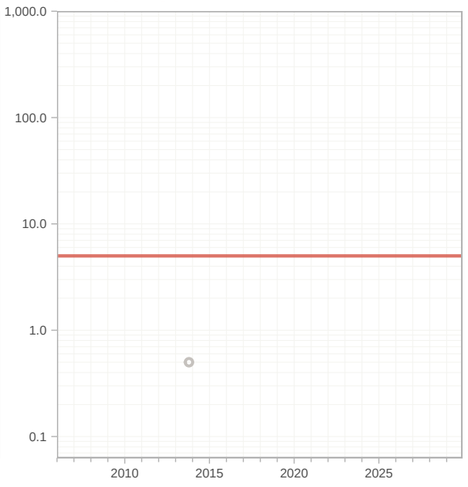
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)



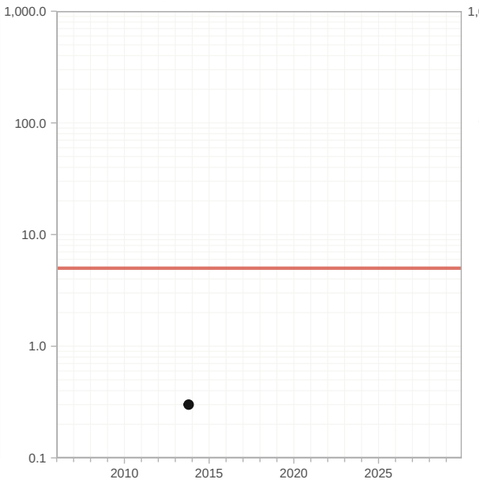
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



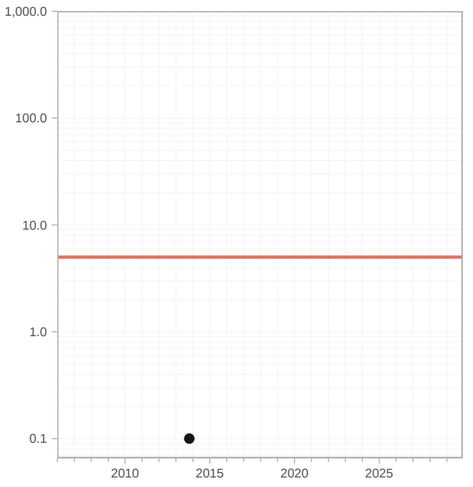
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

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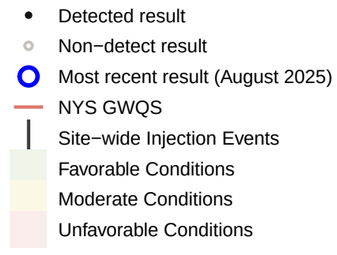
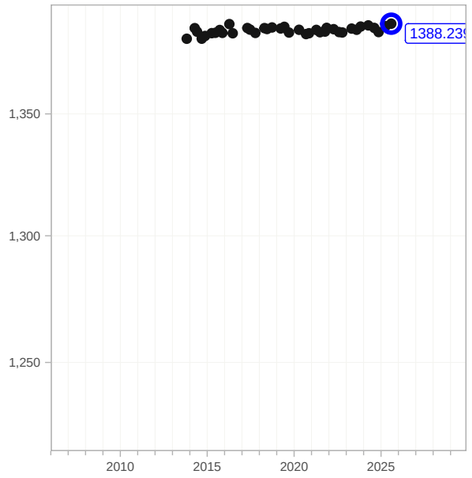


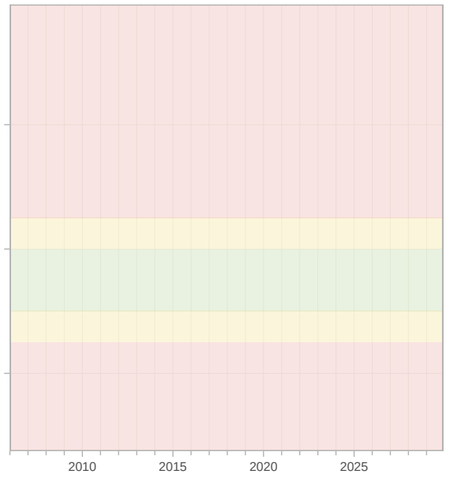
A−2 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



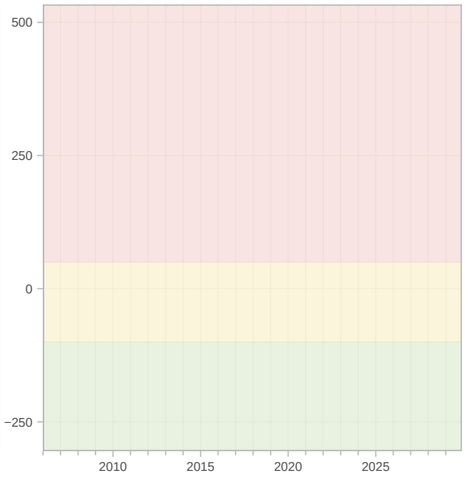
All | N = 38; ND = 0; %ND = 0; M−K = strong increasing

pH



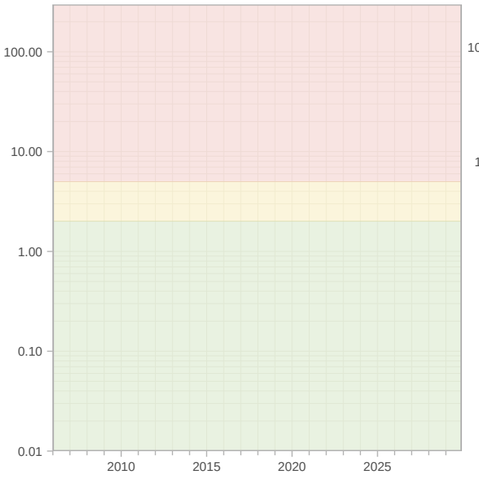
No Data

Oxidation/Reduction Potential



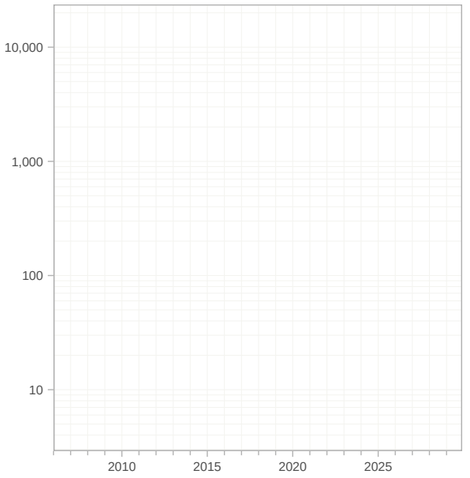
No Data

Dissolved Oxygen



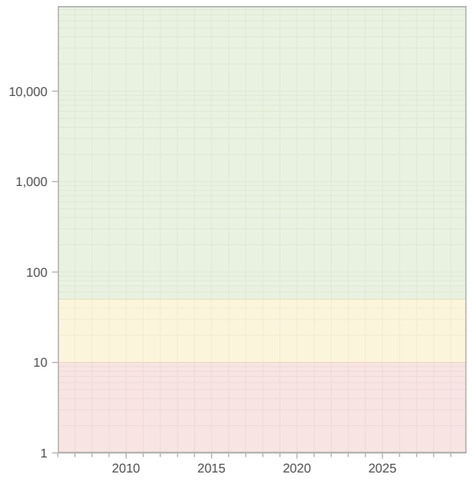
No Data

Specific Conductance



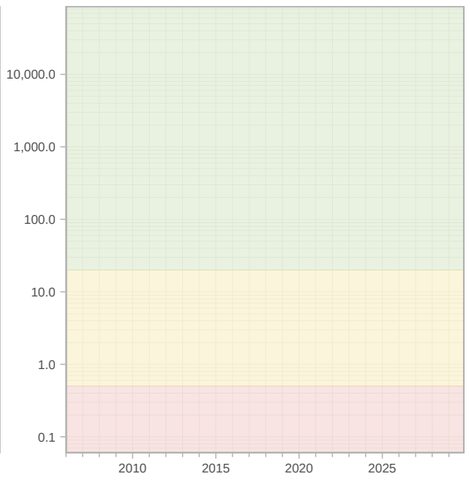
No Data

Sulfide



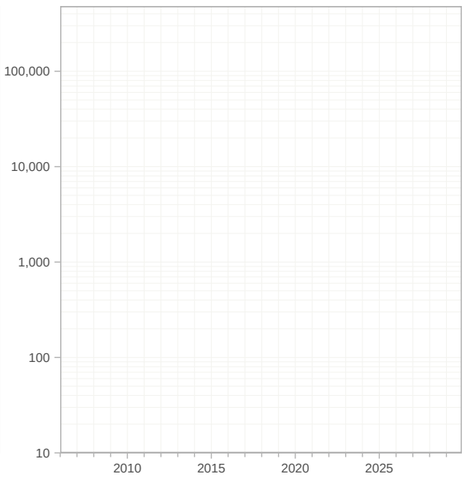
No Data

Methane



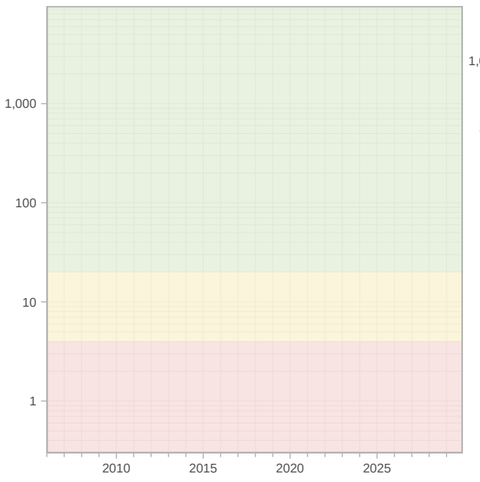
No Data

Iron − Ferrous



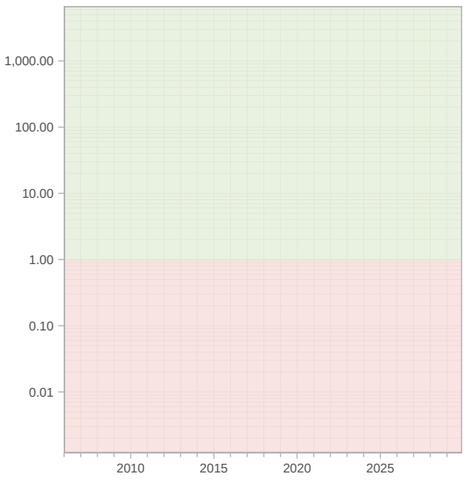
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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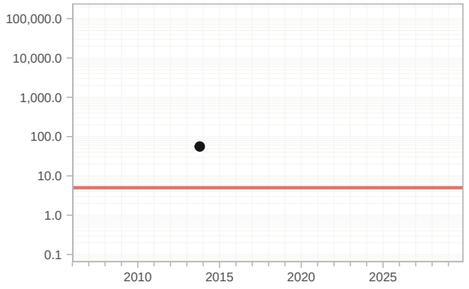
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

A−3 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

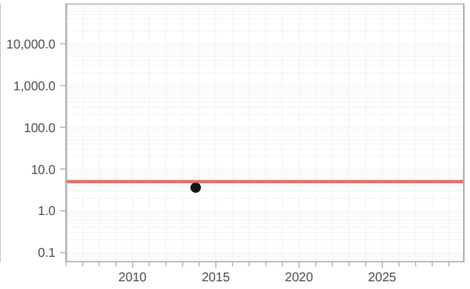
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

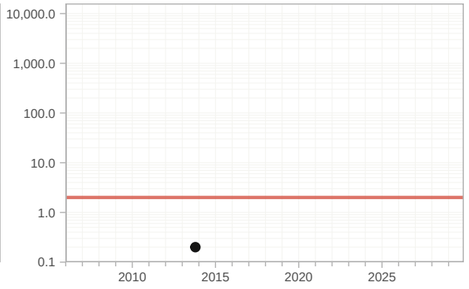
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

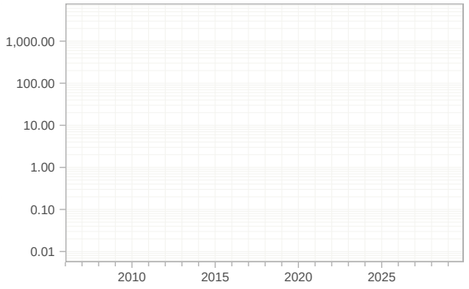
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



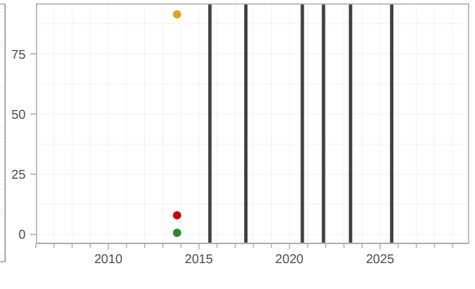
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethane + Ethene



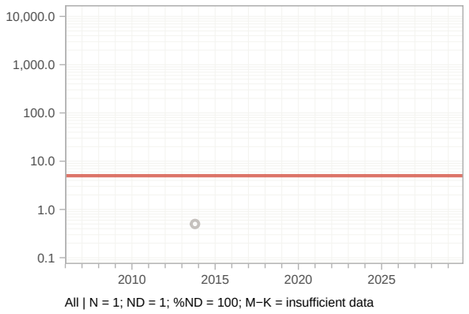
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

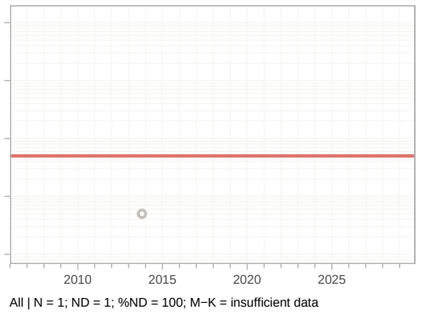
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

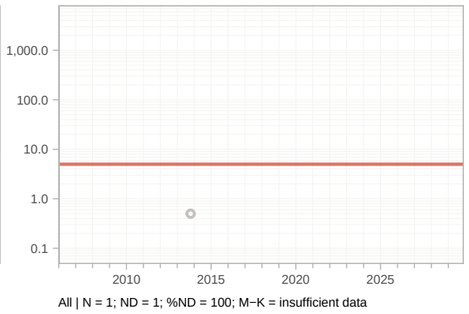
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

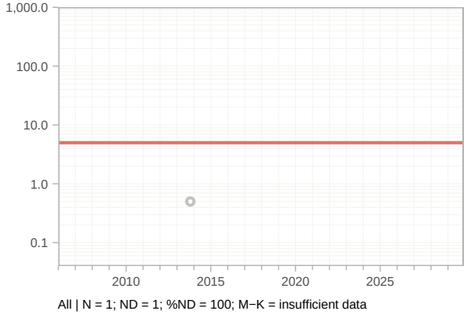
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

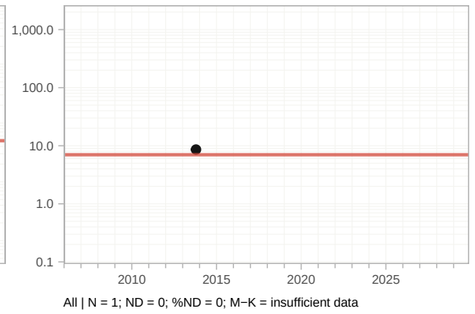
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

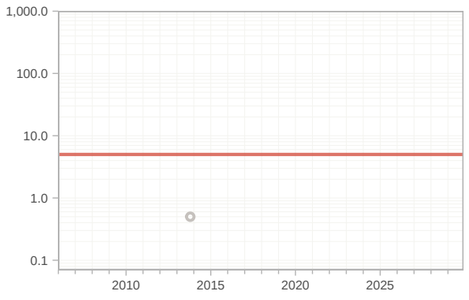
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

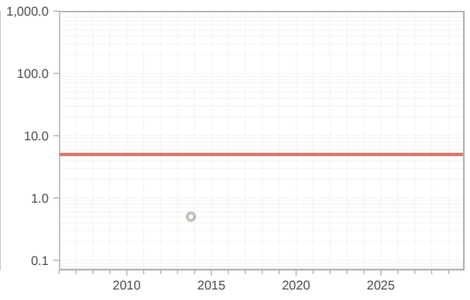
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

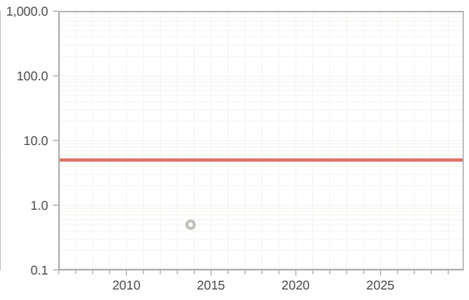
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

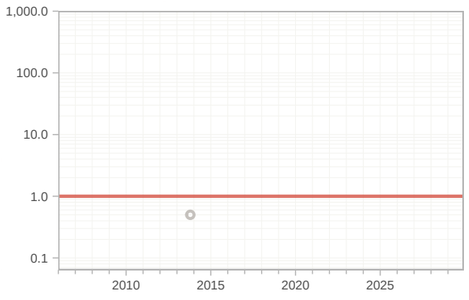
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

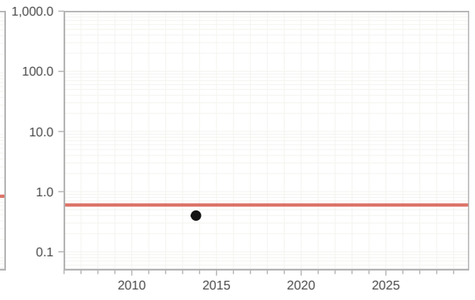
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

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- Detected result
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- Favorable Conditions
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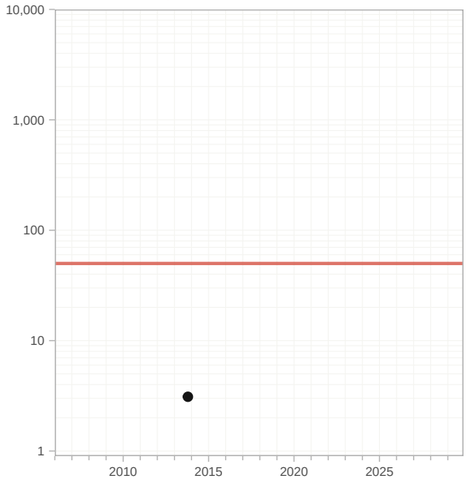
- Unfavorable Conditions

A−3 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

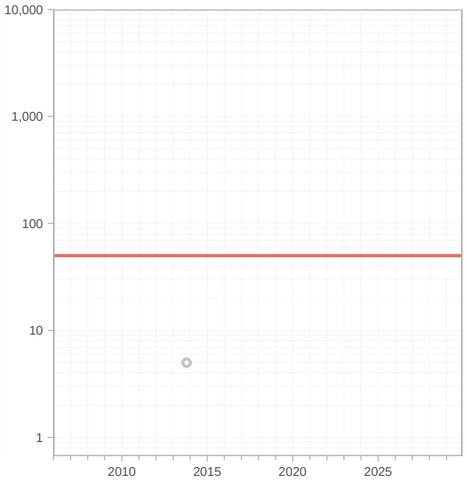
NYS GWQS = 50 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

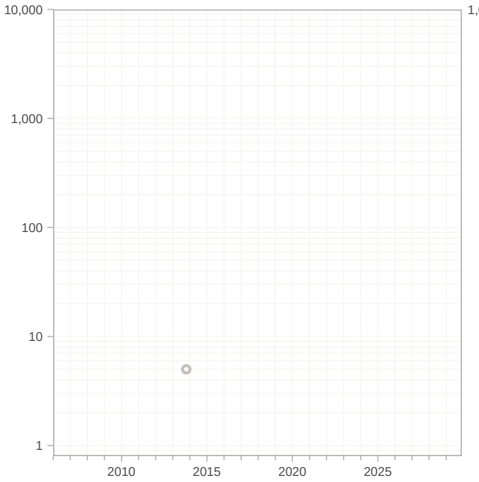
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

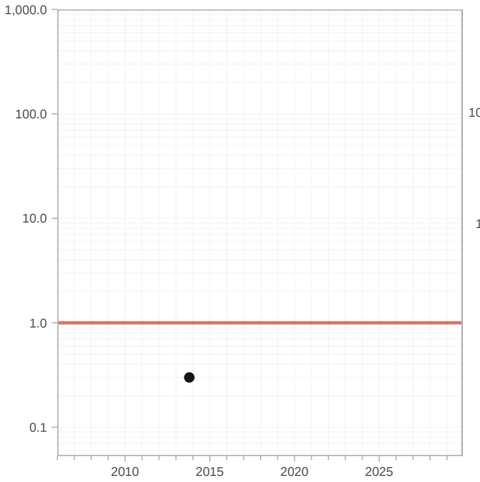
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)

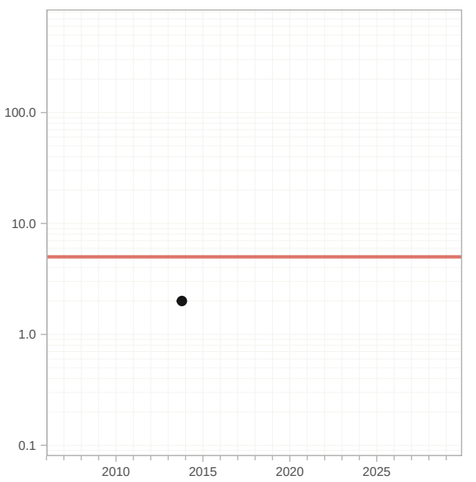
NYS GWQS = 1 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)

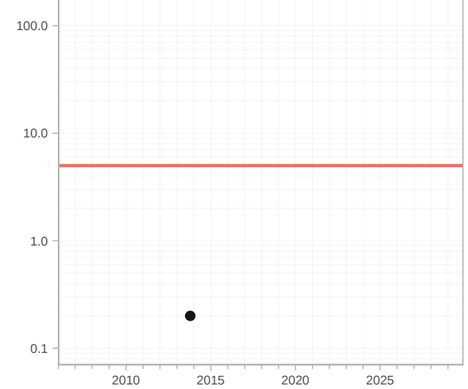
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)

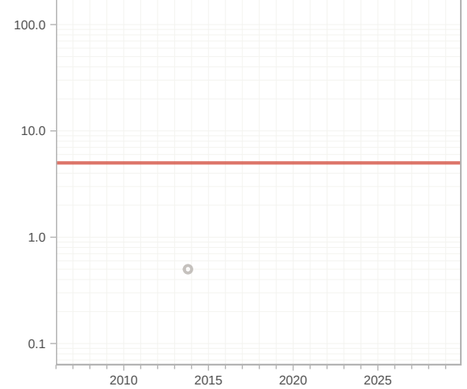
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)

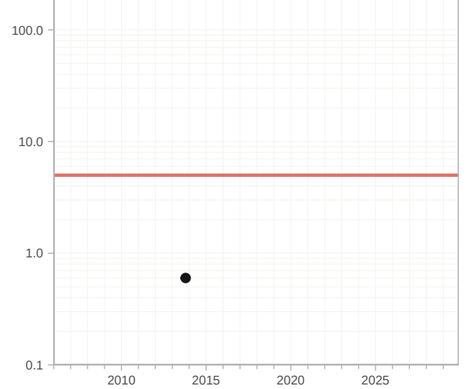
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)

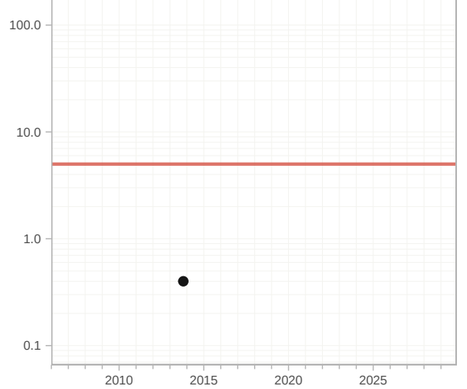
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

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- NYS GWQS
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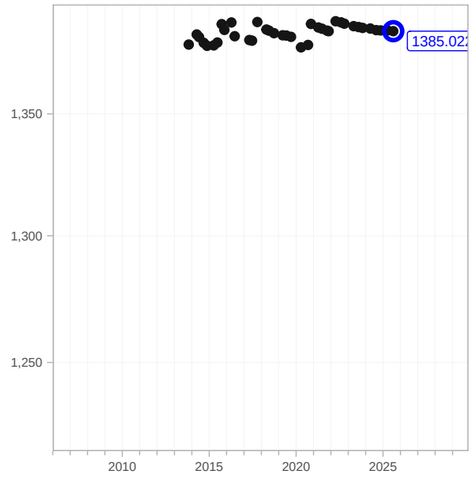
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

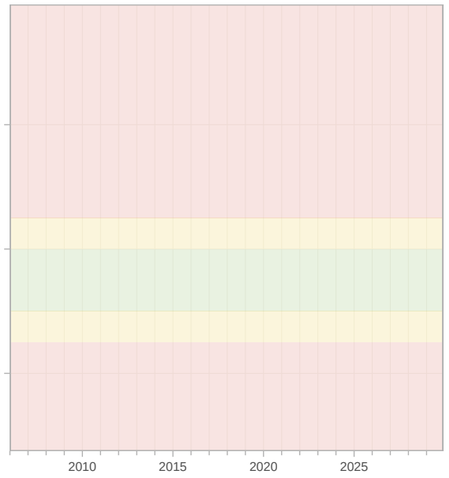
A−3 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



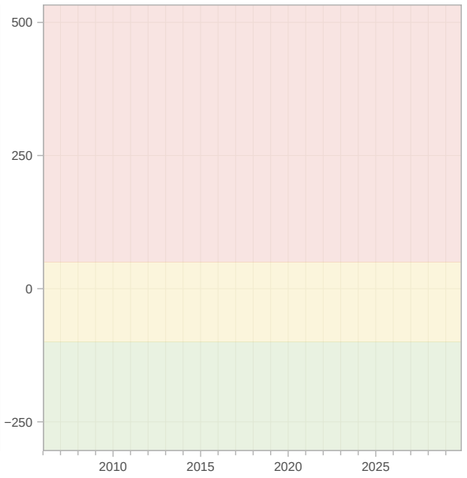
All | N = 38; ND = 0; %ND = 0; M−K = increasing

pH



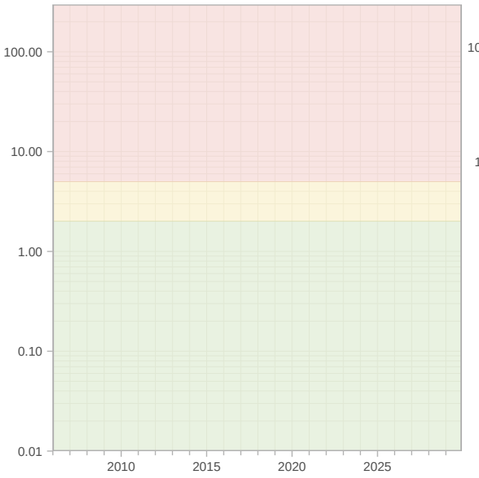
No Data

Oxidation/Reduction Potential



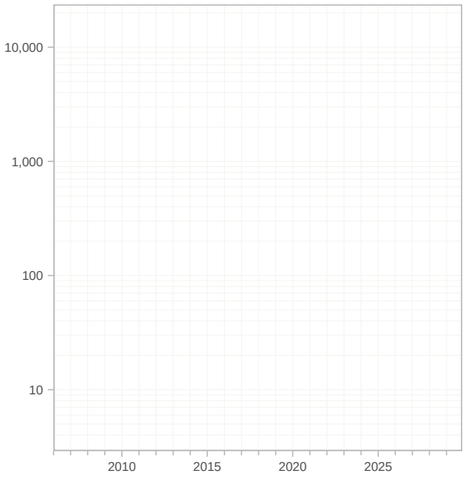
No Data

Dissolved Oxygen



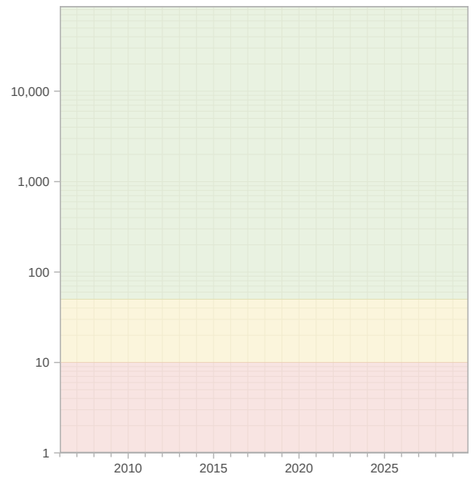
No Data

Specific Conductance



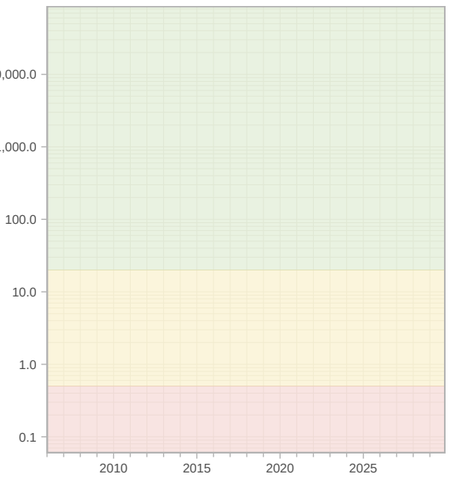
No Data

Sulfide



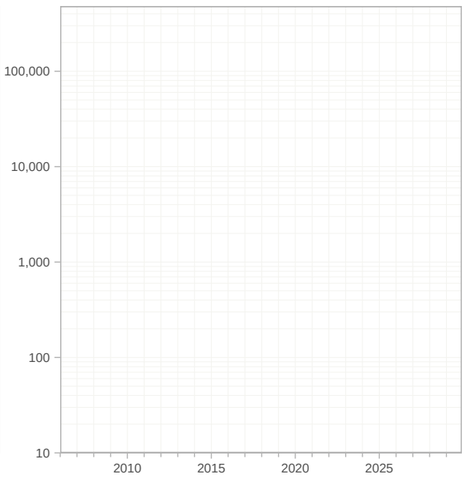
No Data

Methane



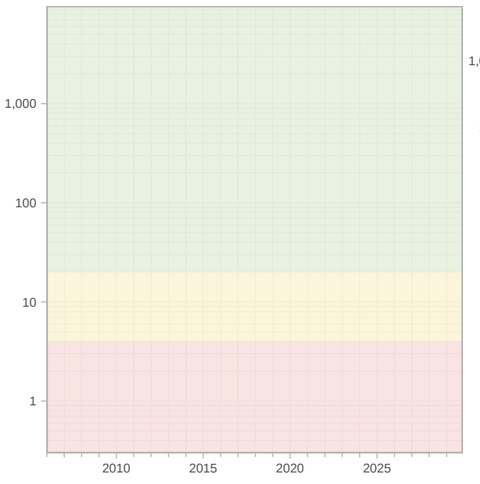
No Data

Iron − Ferrous



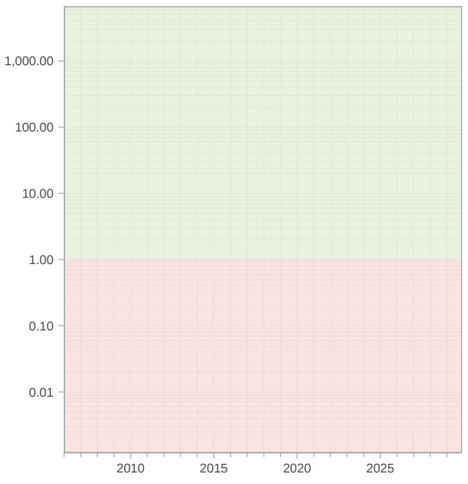
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

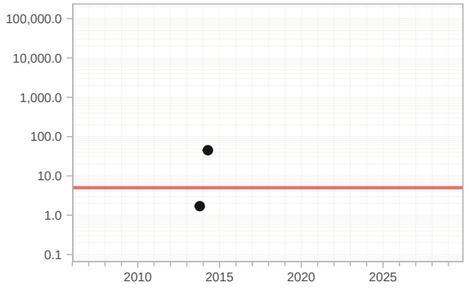
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

A−4 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

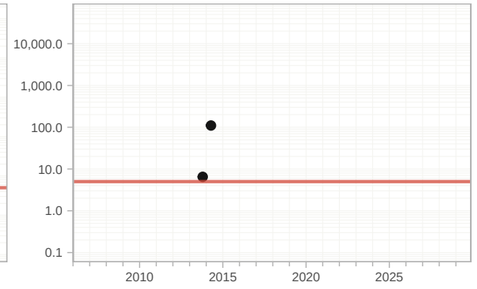
NYS GWQS = 5 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

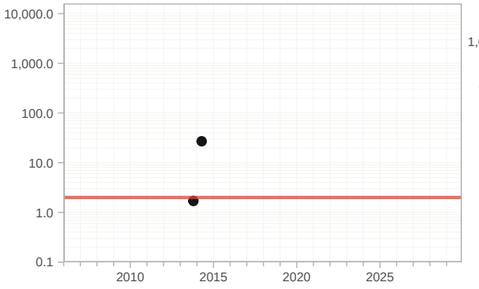
NYS GWQS = 5 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

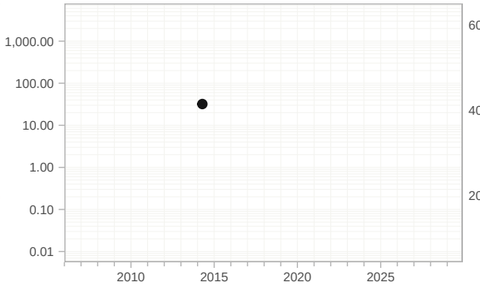
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



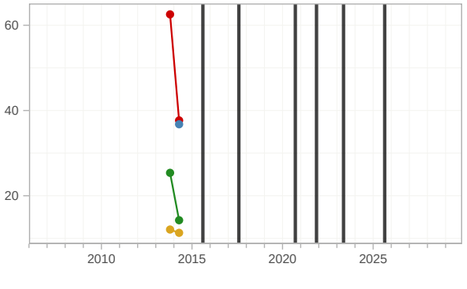
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Ethane + Ethene (ug/L)



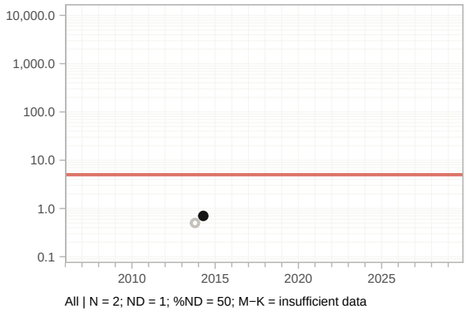
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

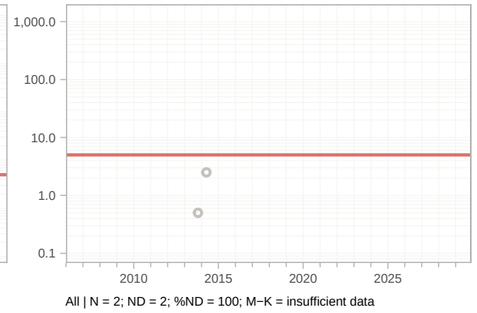
NYS GWQS = 5 ug/L



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

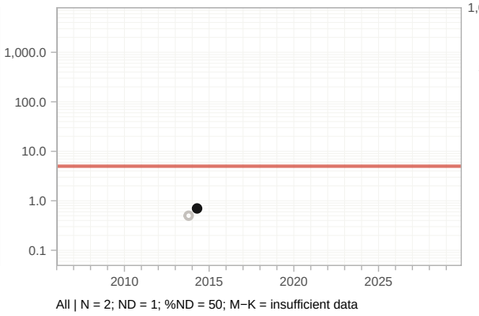
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

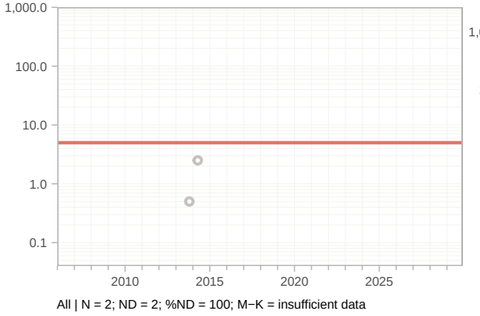
NYS GWQS = 5 ug/L



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Carbon tetrachloride (ug/L)

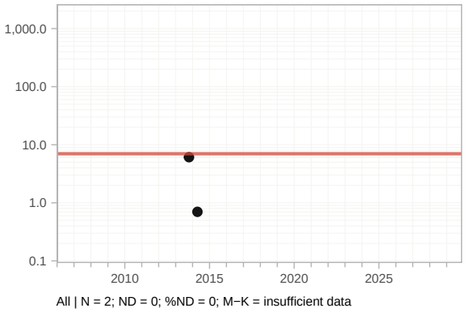
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

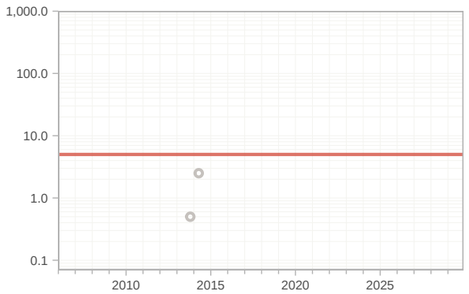
NYS GWQS = 7 ug/L



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

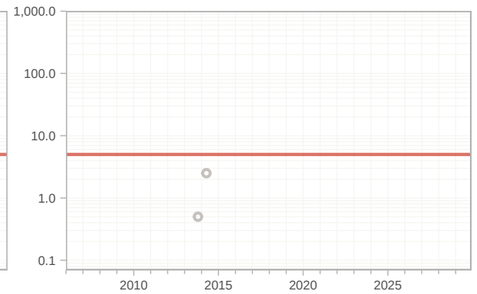
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

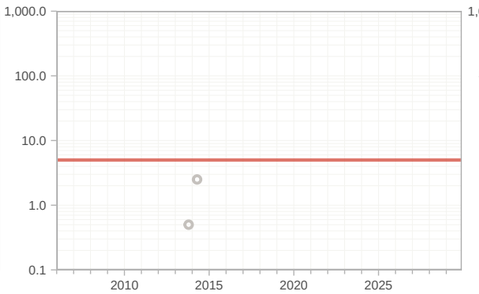
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

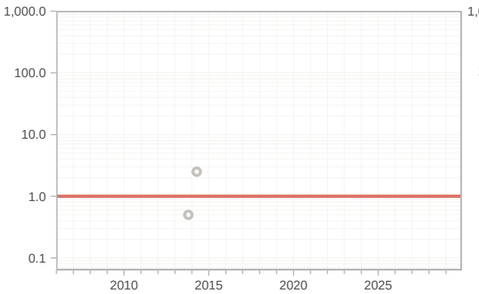
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

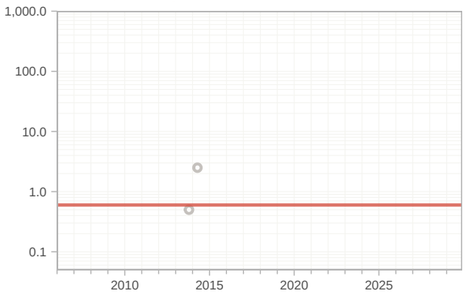
NYS GWQS = 1 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

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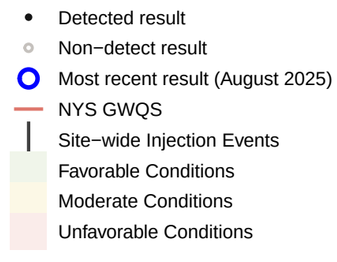
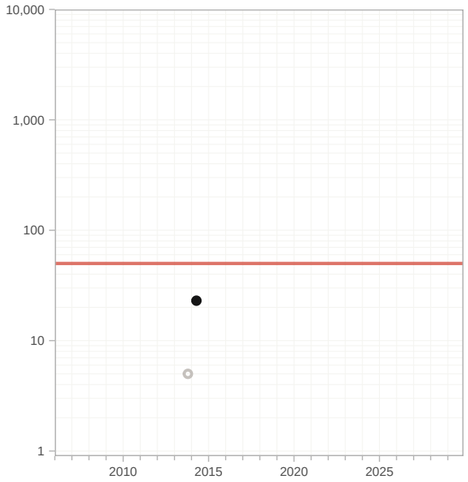


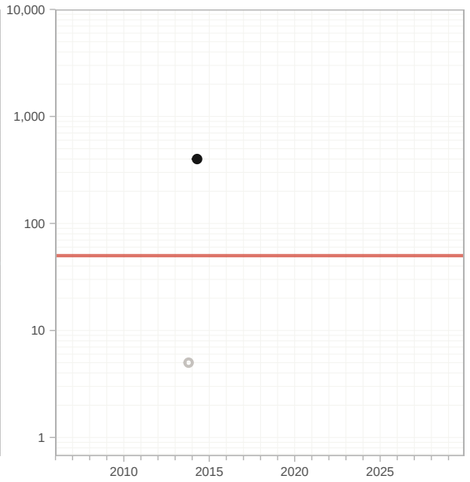
A−4 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



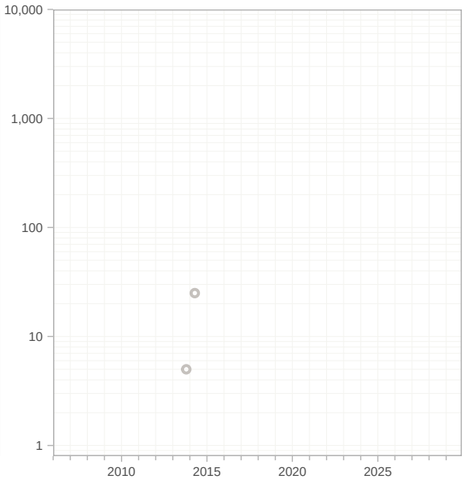
All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



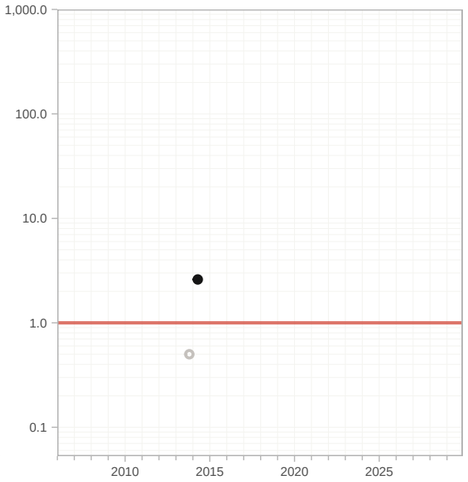
All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



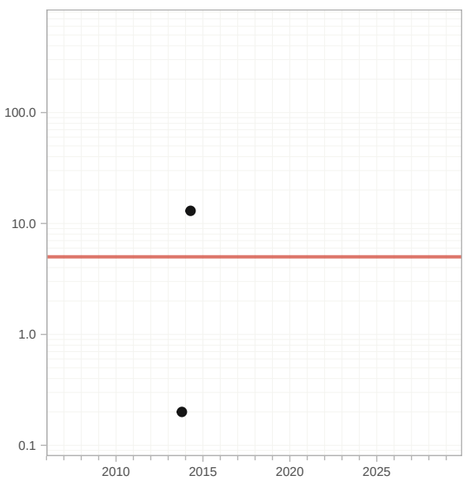
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Benzene (ug/L)



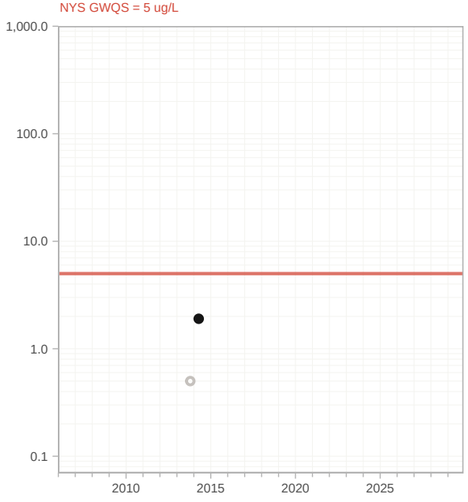
All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Toluene (ug/L)



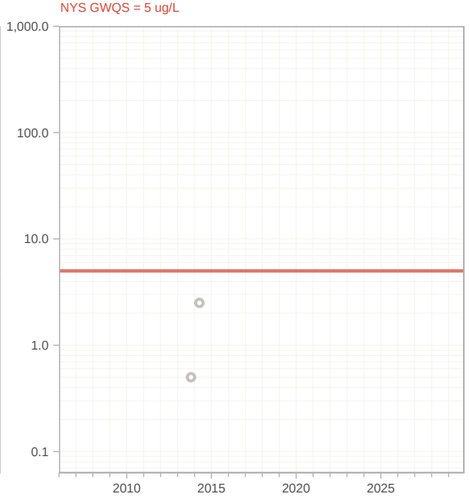
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)



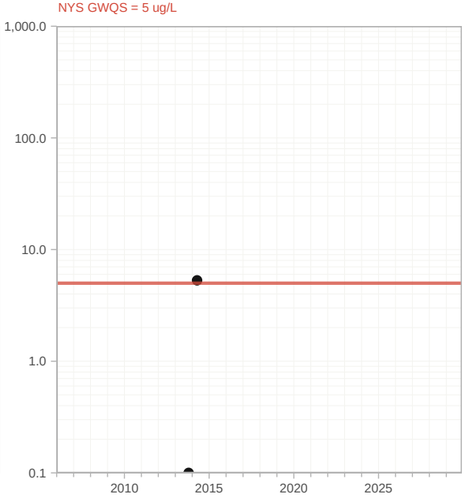
All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



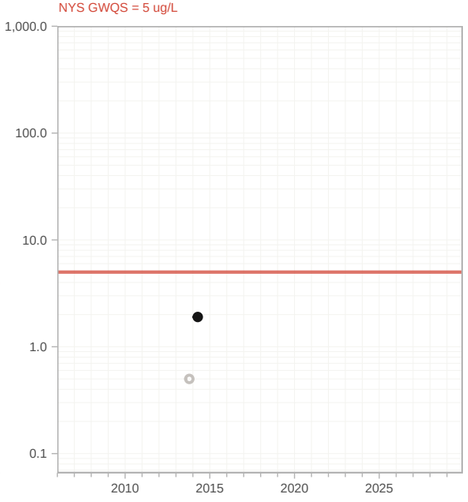
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 2; ND = 1; %ND = 50; M−K = insufficient data

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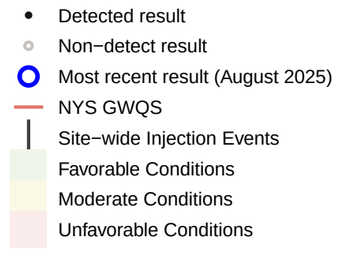
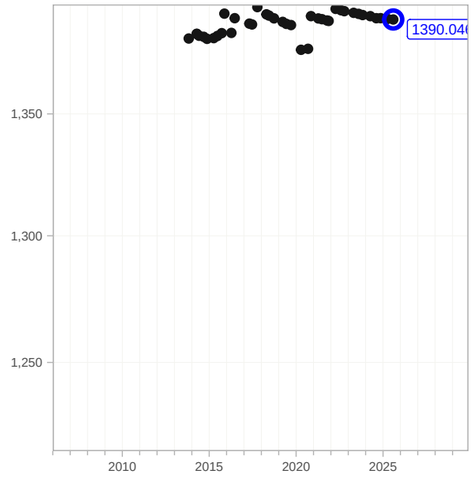


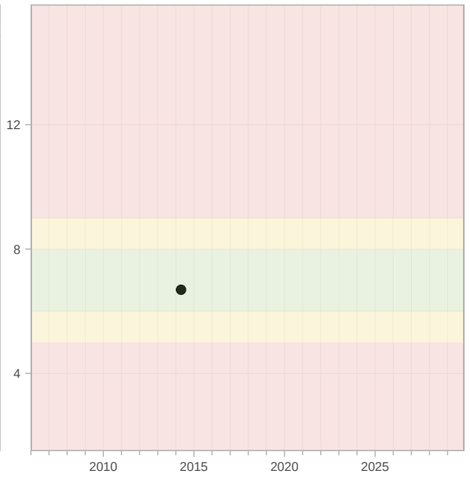
A−4 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



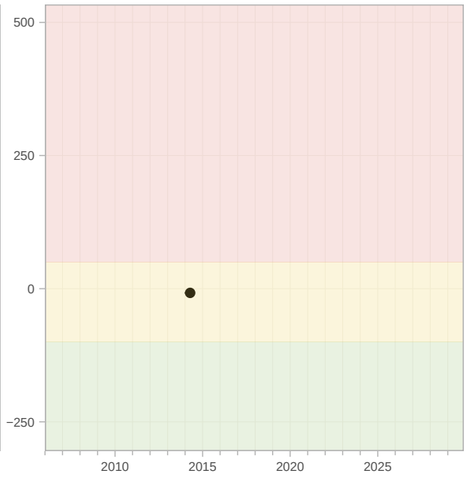
All | N = 39; ND = 0; %ND = 0; M−K = strong increasing

pH (SU)



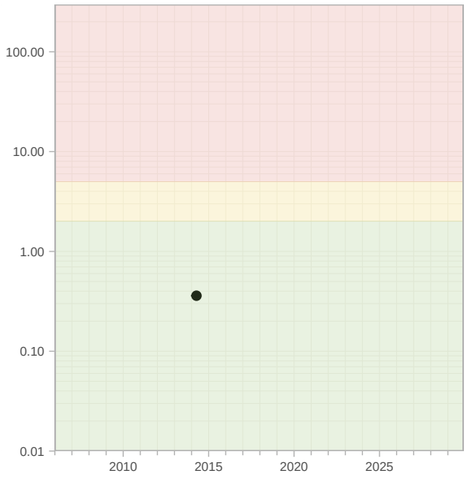
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



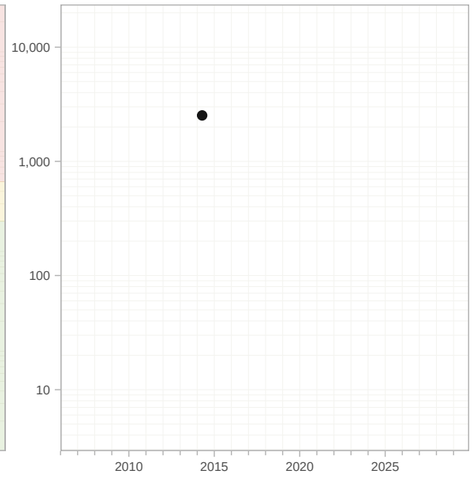
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



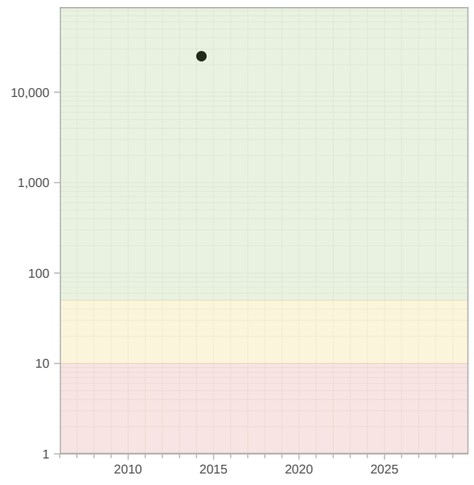
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



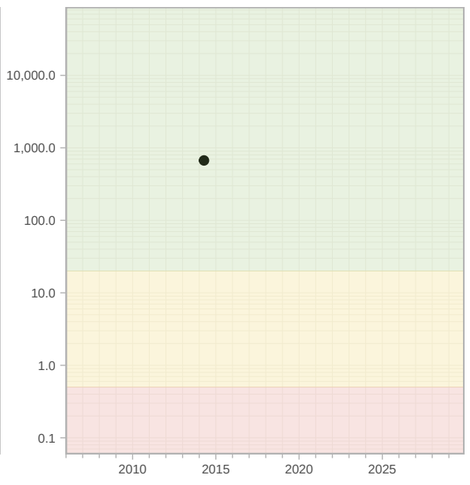
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Sulfide (ug/L)



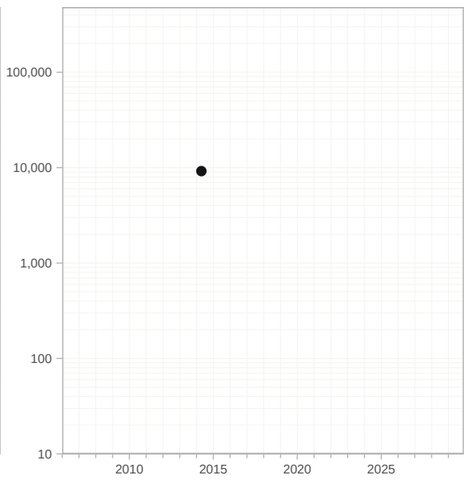
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



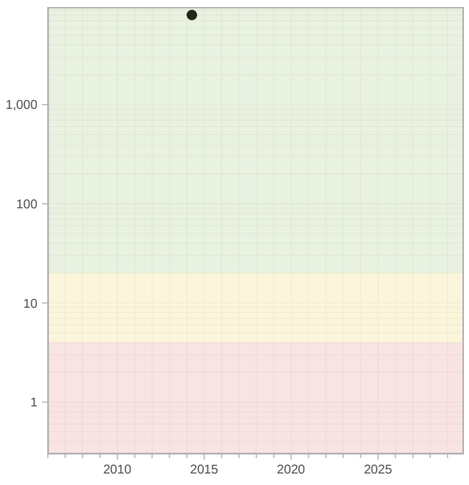
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



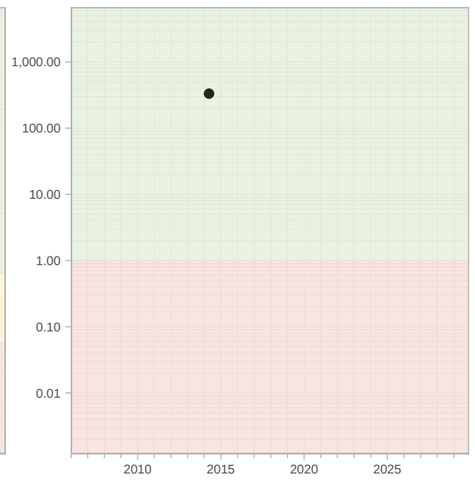
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

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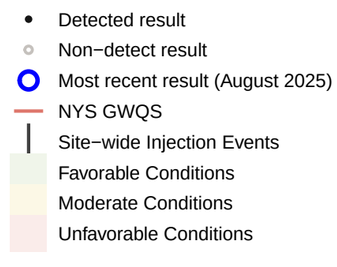
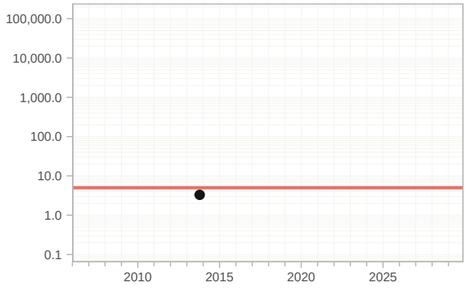


A−5 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

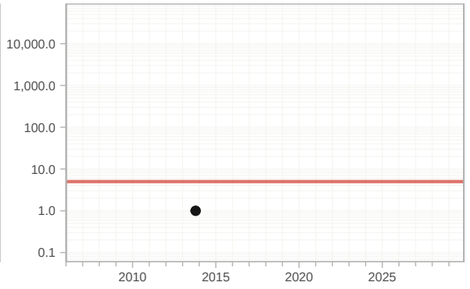
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

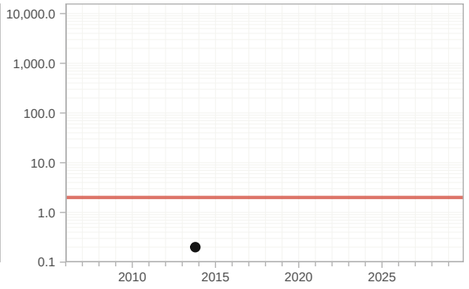
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

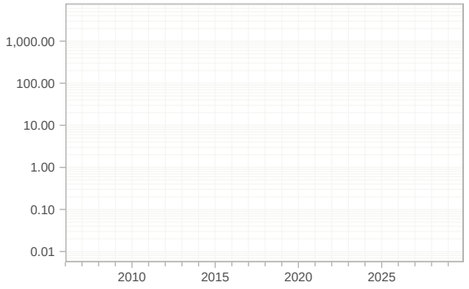
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



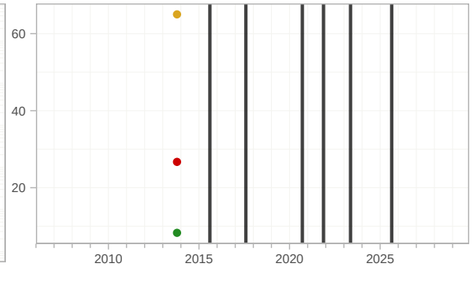
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethane + Ethene



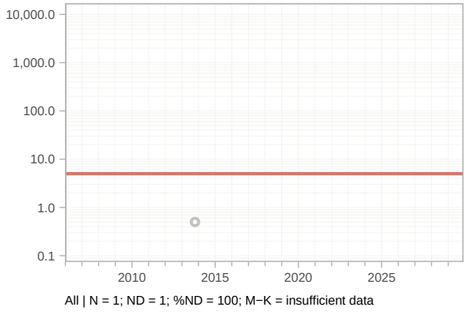
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

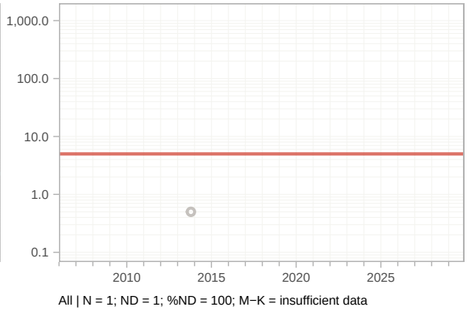
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

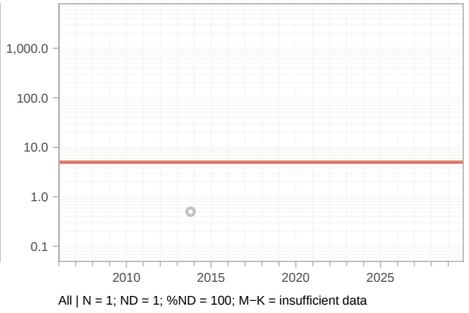
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

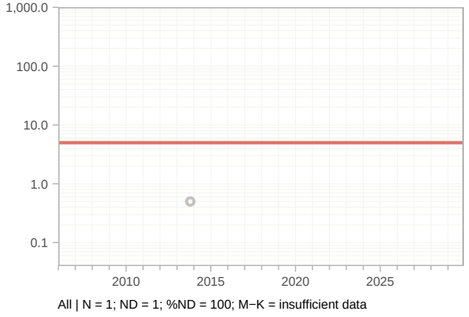
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

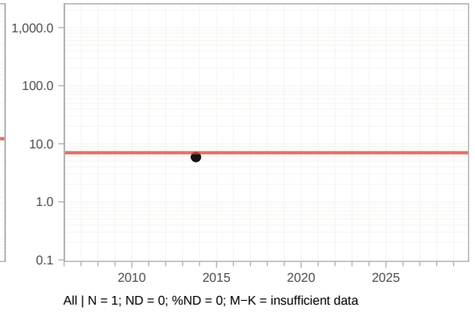
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

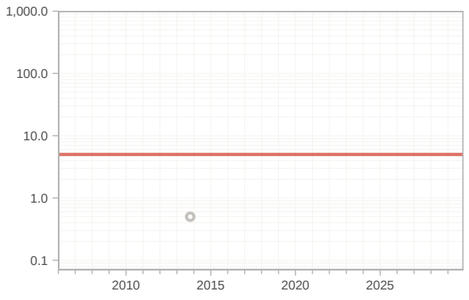
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

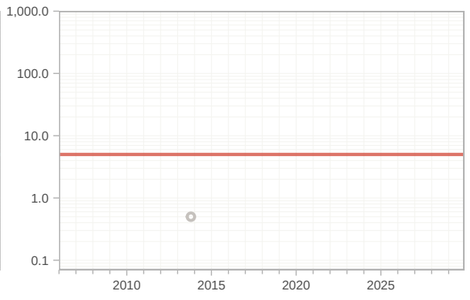
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

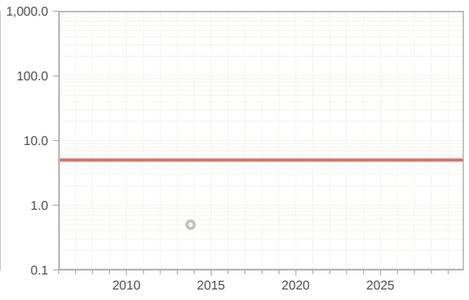
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

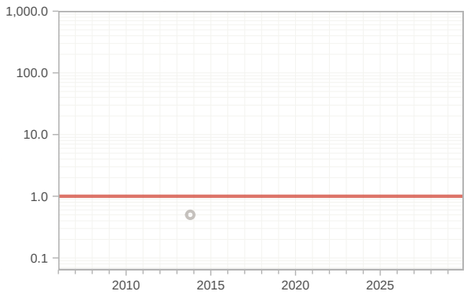
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

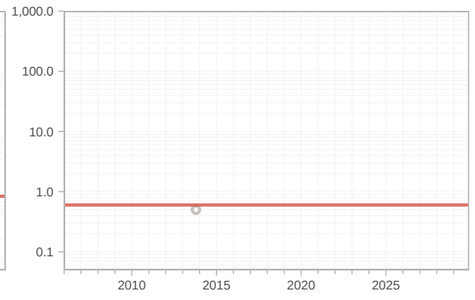
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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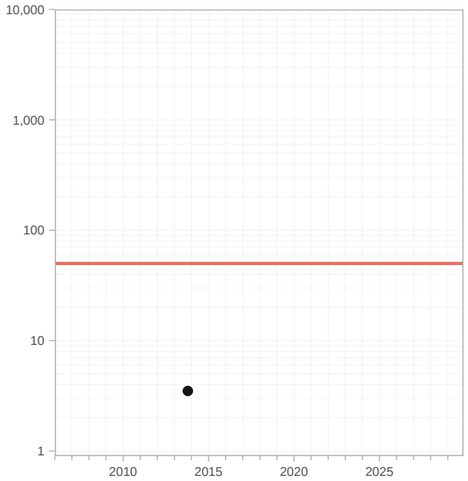
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

A−5 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

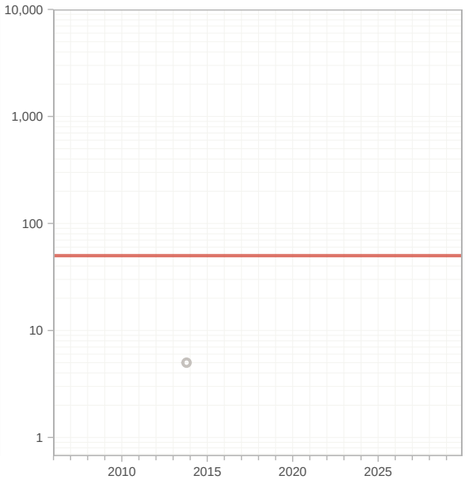
NYS GWQS = 50 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

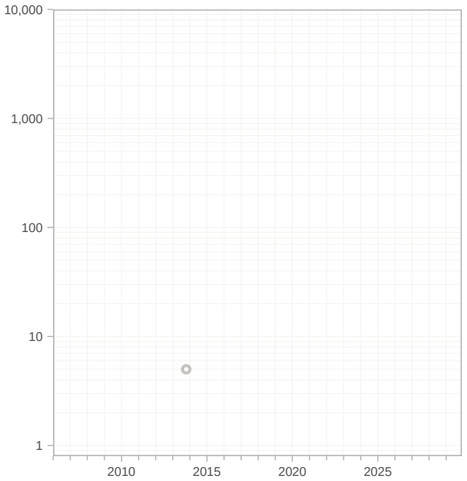
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

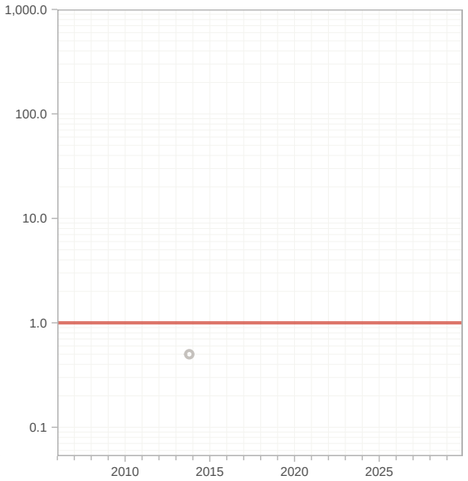
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)

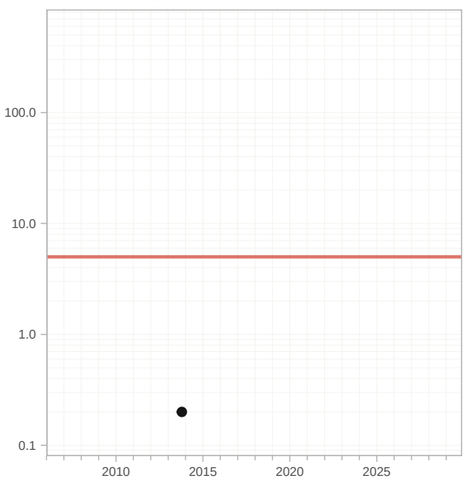
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Toluene (ug/L)

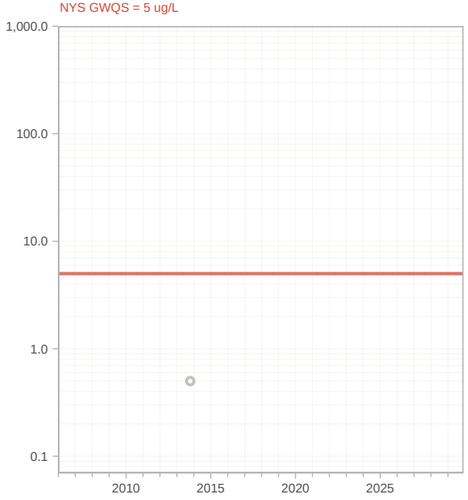
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)

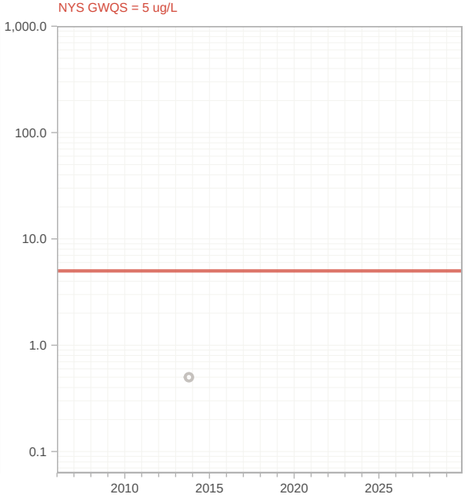
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)

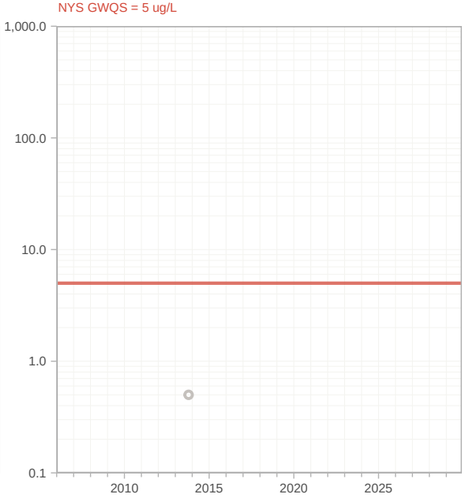
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)

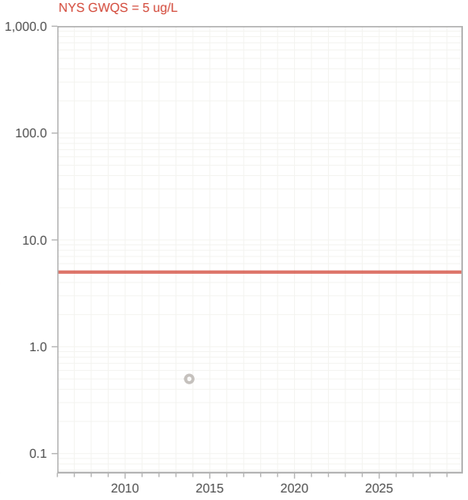
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Notes:
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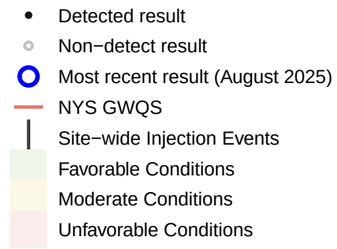
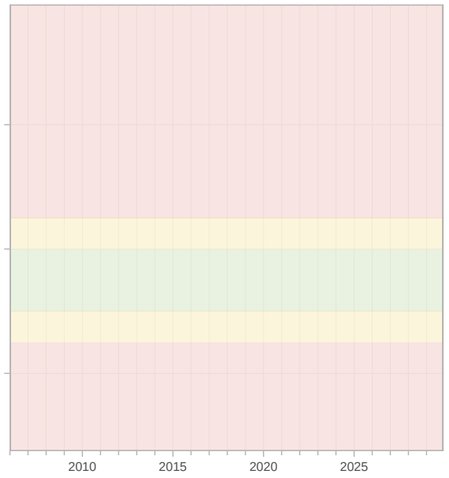


A−5 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)

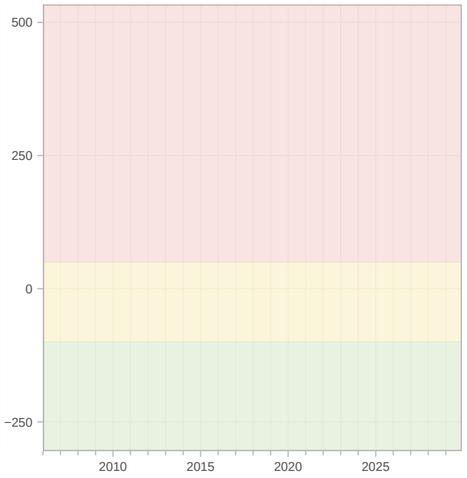
All | N = 38; ND = 0; %ND = 0; M−K = probably increasing

pH



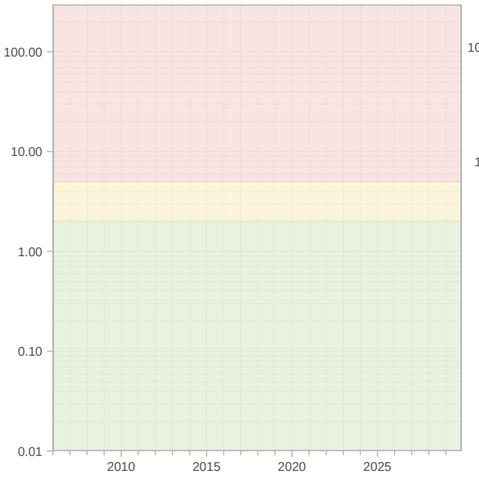
No Data

Oxidation/Reduction Potential



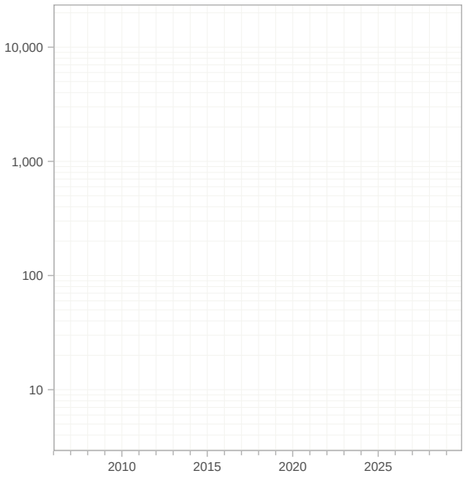
No Data

Dissolved Oxygen



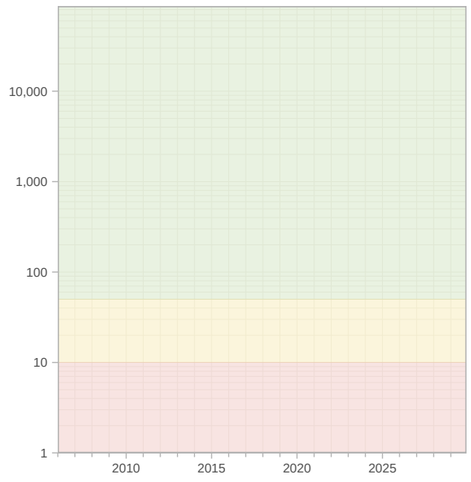
No Data

Specific Conductance



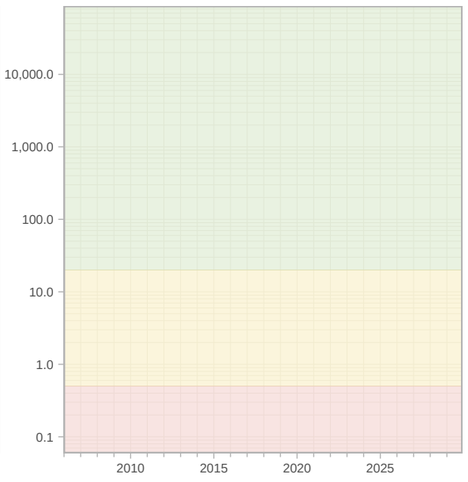
No Data

Sulfide



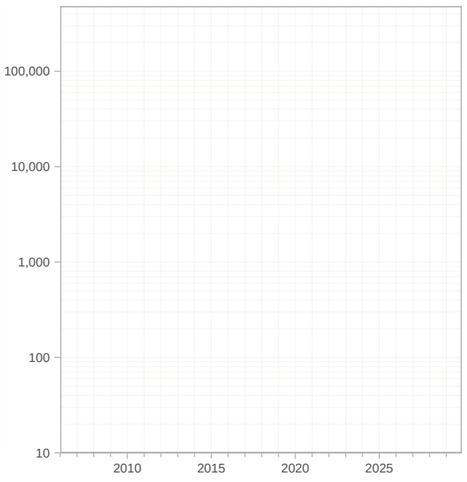
No Data

Methane



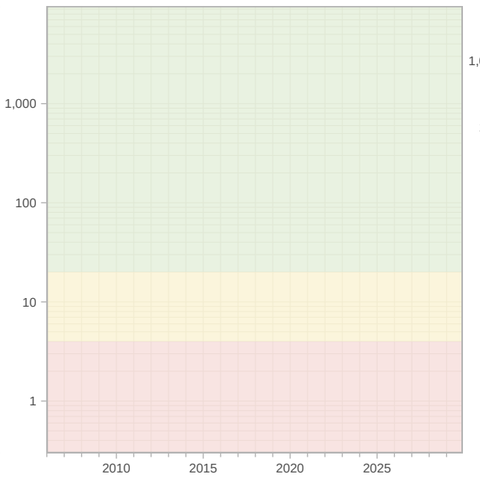
No Data

Iron − Ferrous



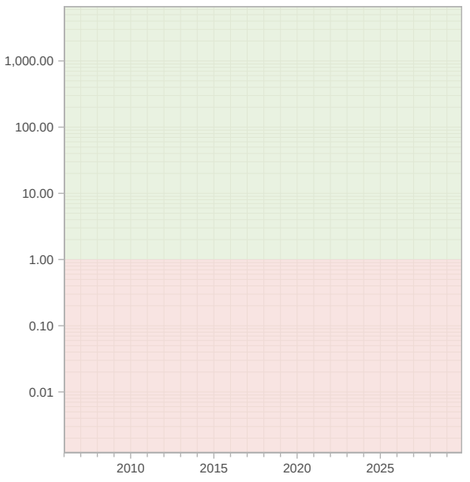
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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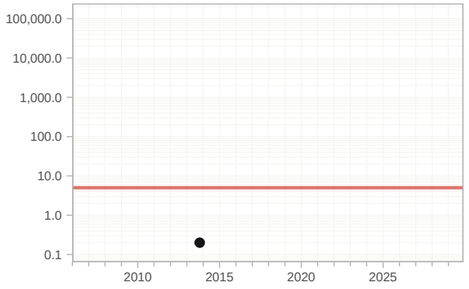
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

A−6 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

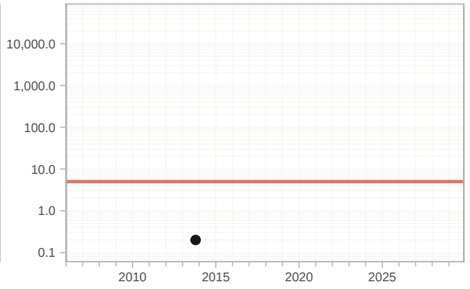
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

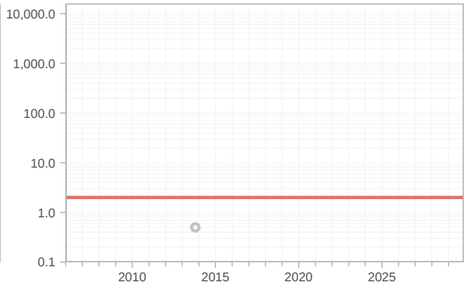
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

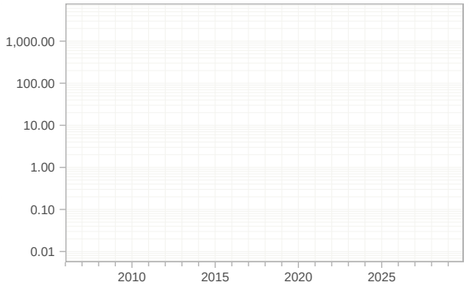
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



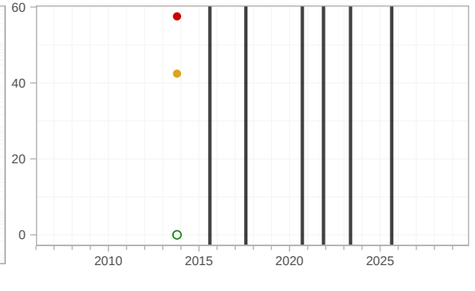
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethane + Ethene



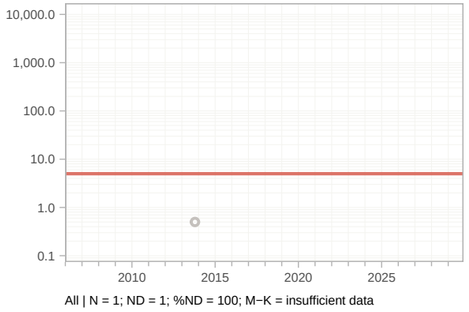
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

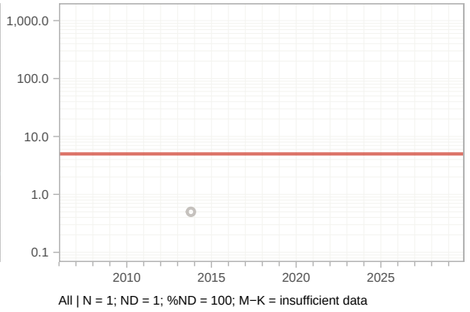
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

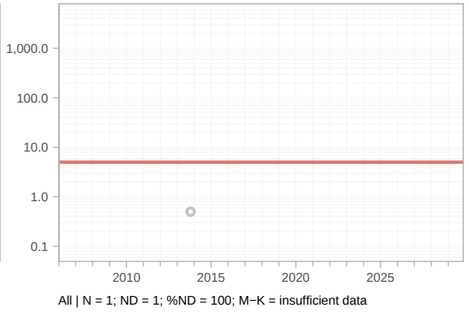
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

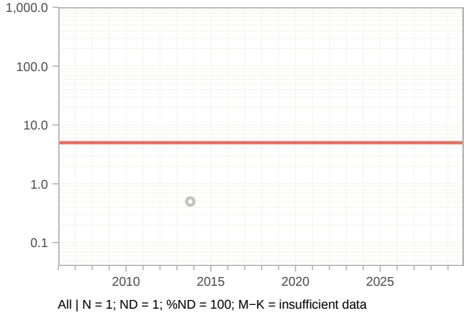
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

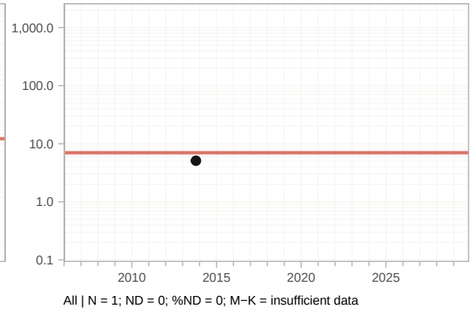
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

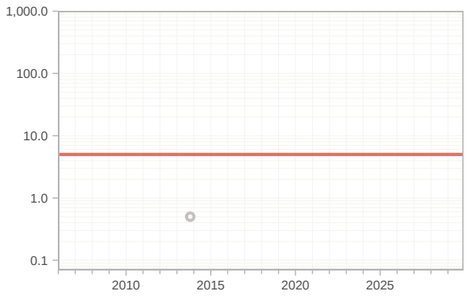
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

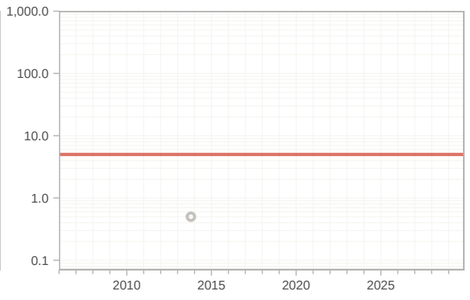
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

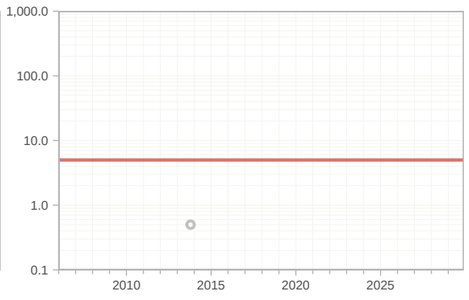
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

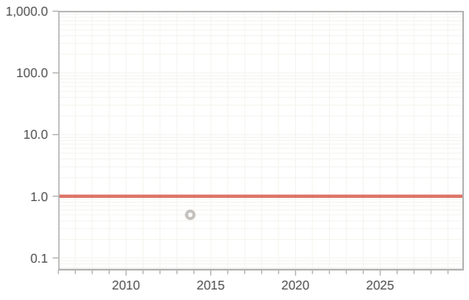
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

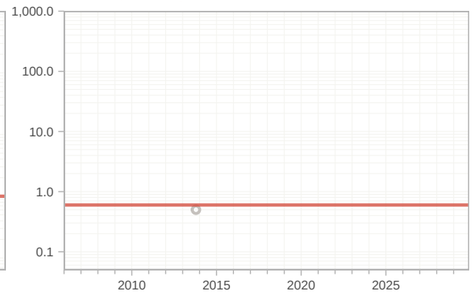
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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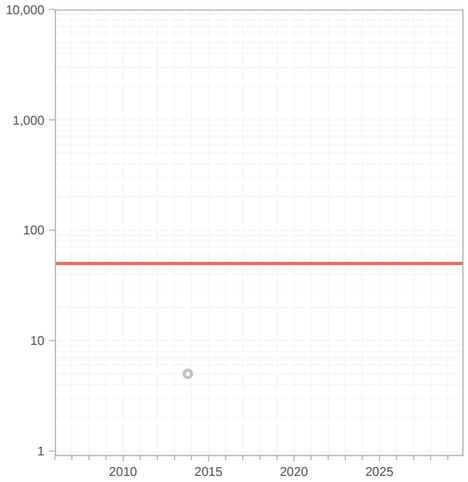
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

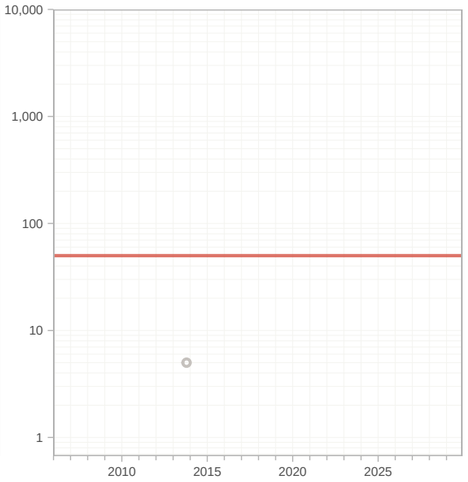
A−6 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



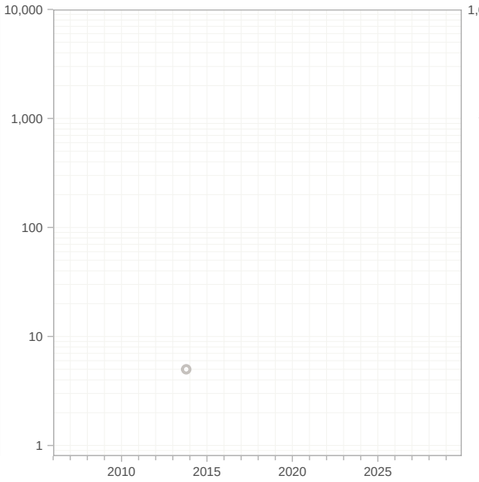
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



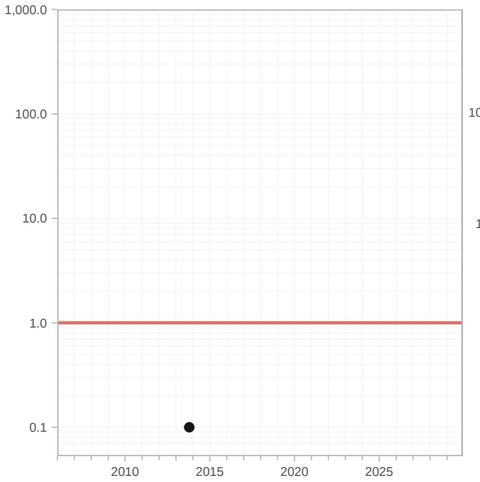
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



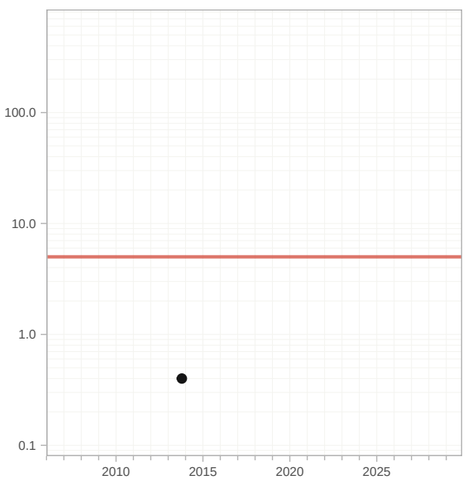
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)



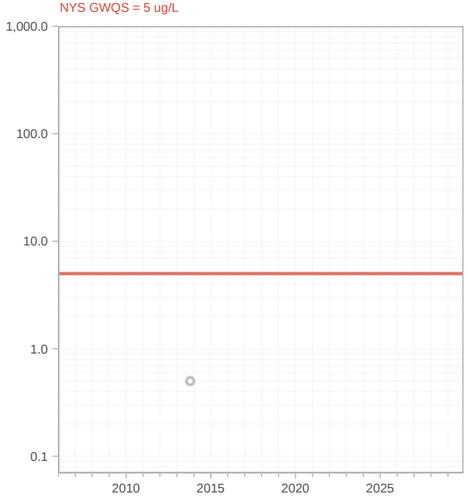
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)



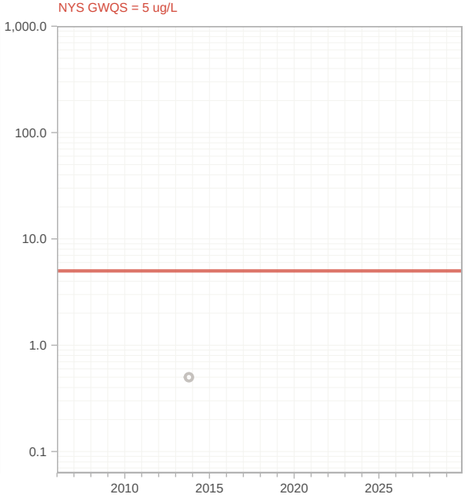
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)



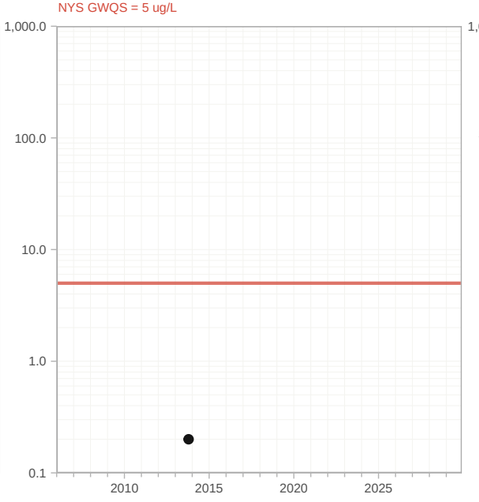
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



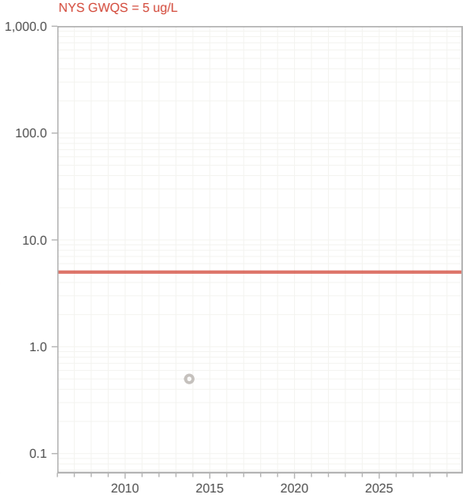
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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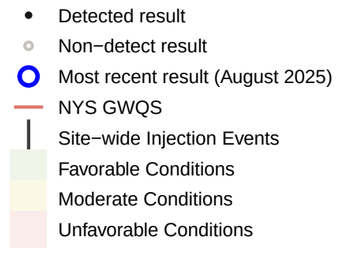
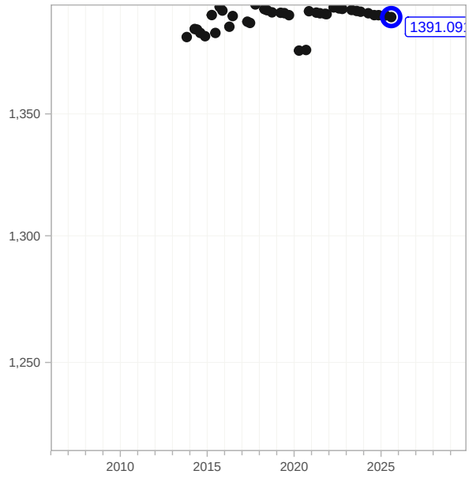


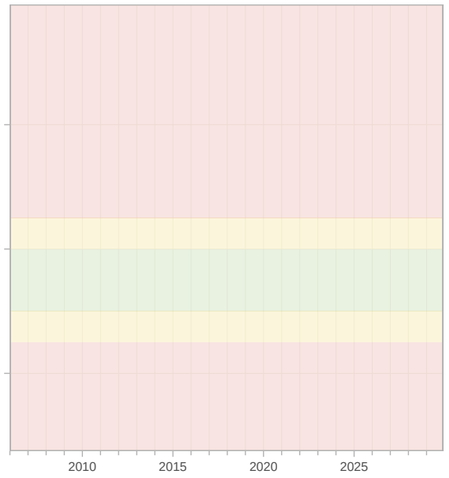
A−6 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



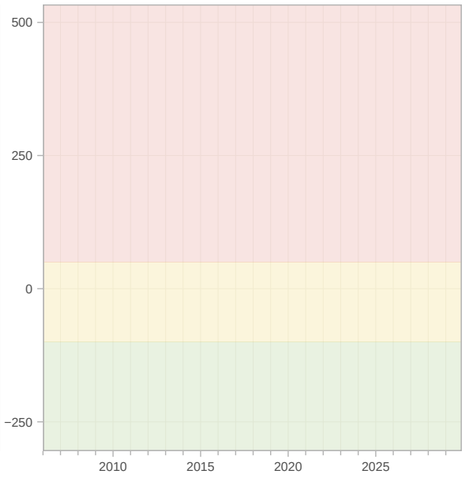
All | N = 38; ND = 0; %ND = 0; M−K = stable

pH



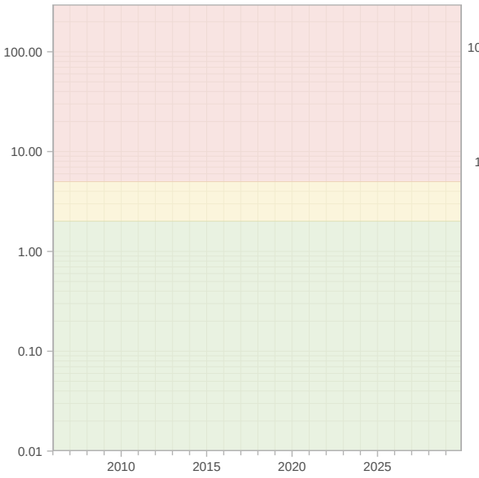
No Data

Oxidation/Reduction Potential



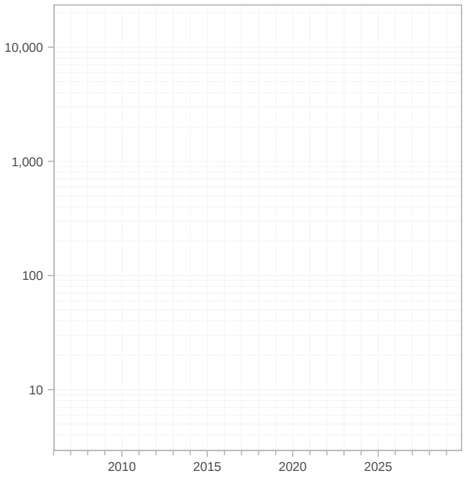
No Data

Dissolved Oxygen



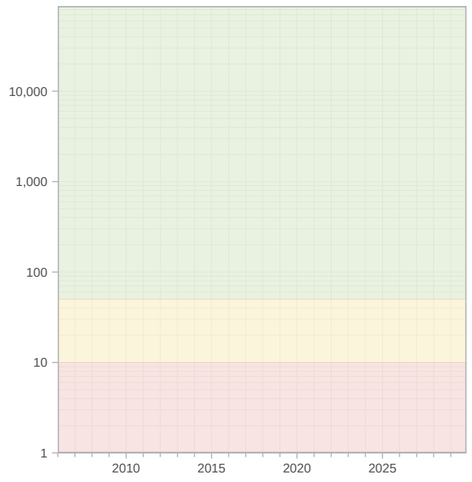
No Data

Specific Conductance



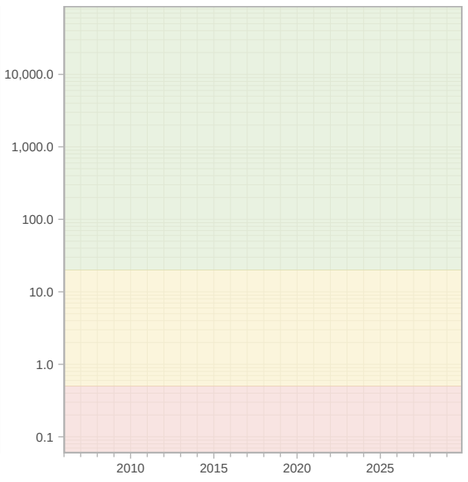
No Data

Sulfide



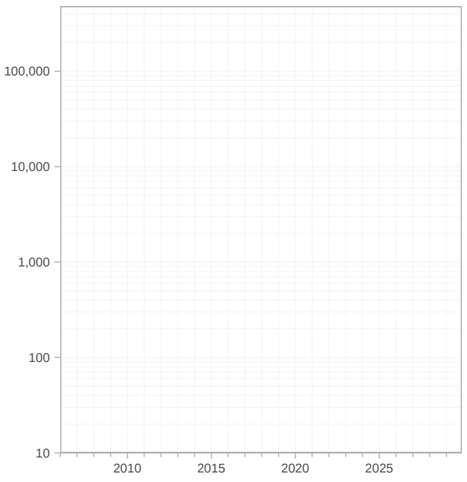
No Data

Methane



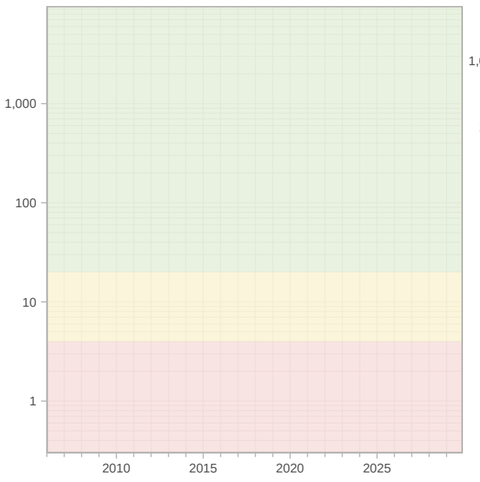
No Data

Iron − Ferrous



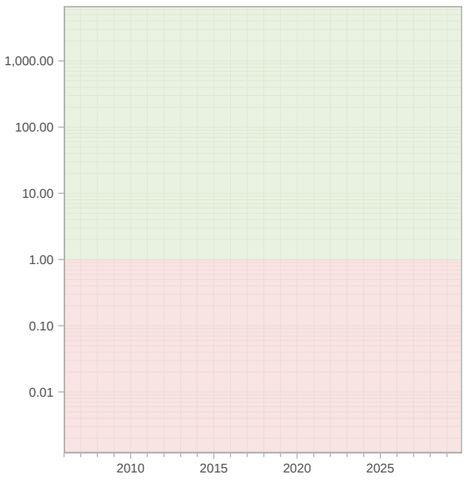
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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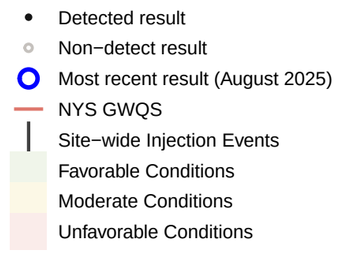
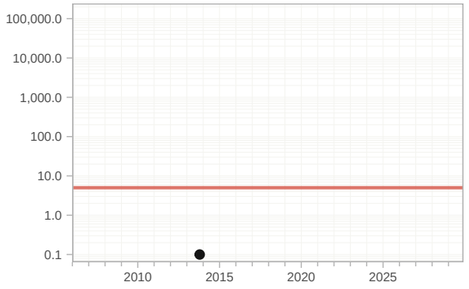


A−7 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

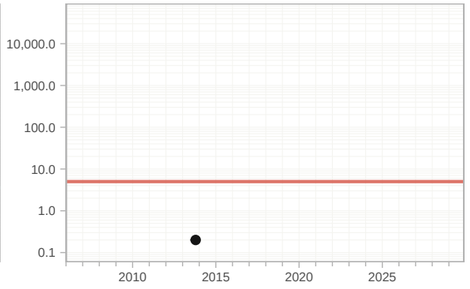
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

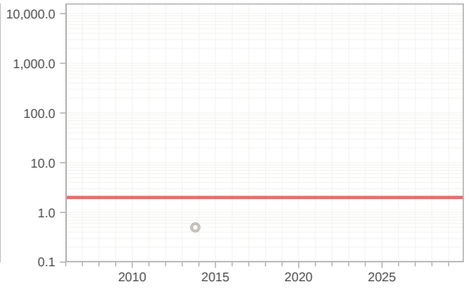
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

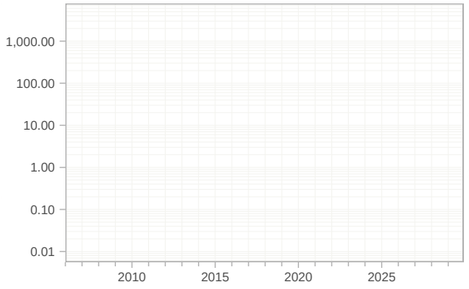
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



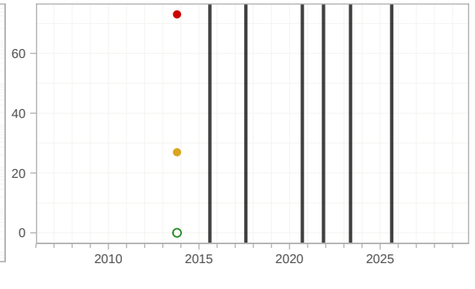
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethane + Ethene



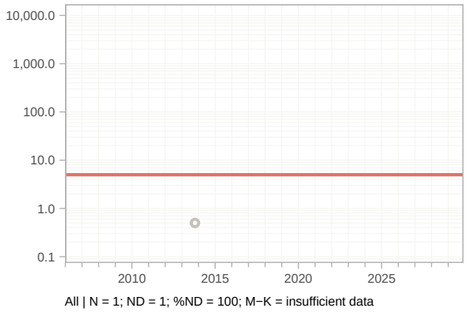
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

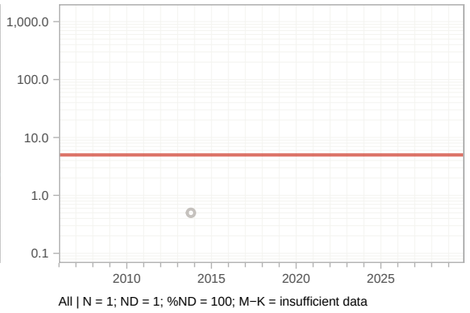
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

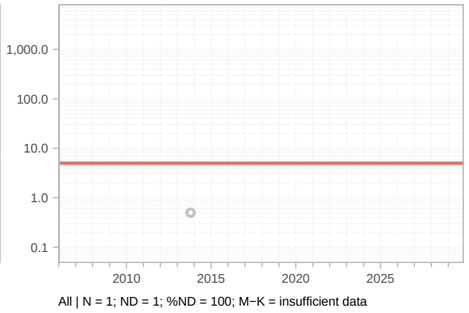
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

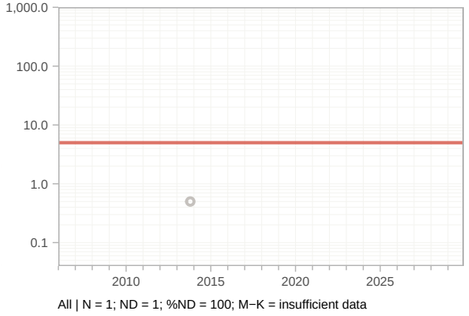
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

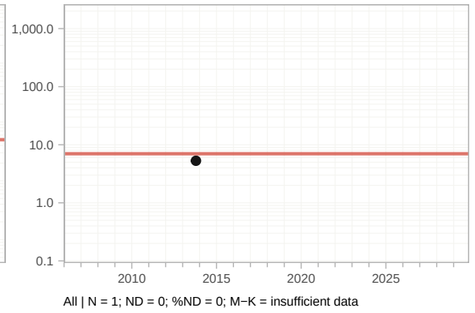
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

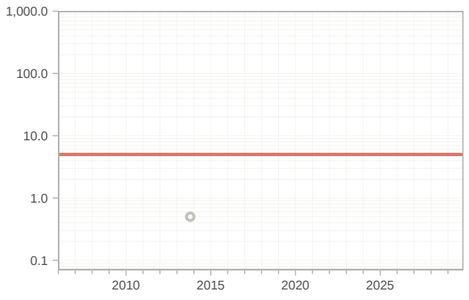
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

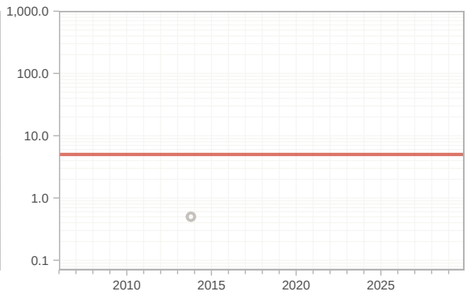
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

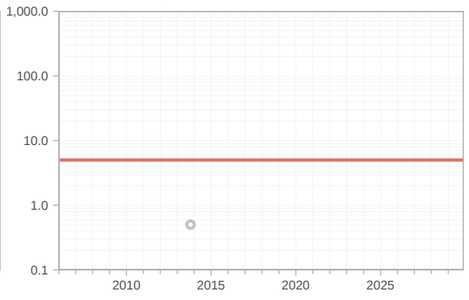
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

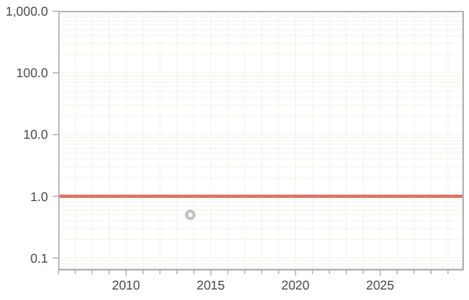
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

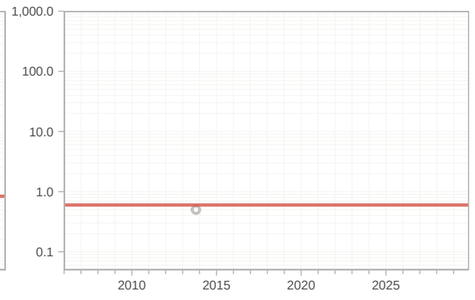
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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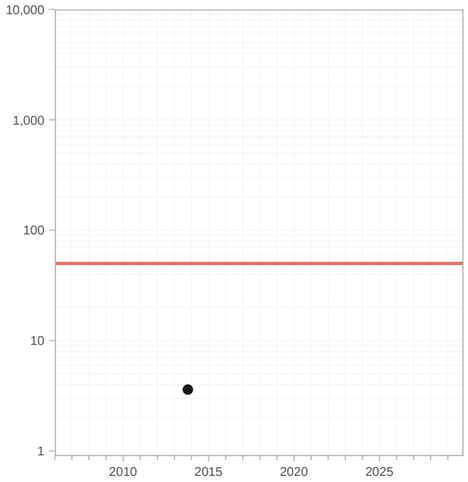
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

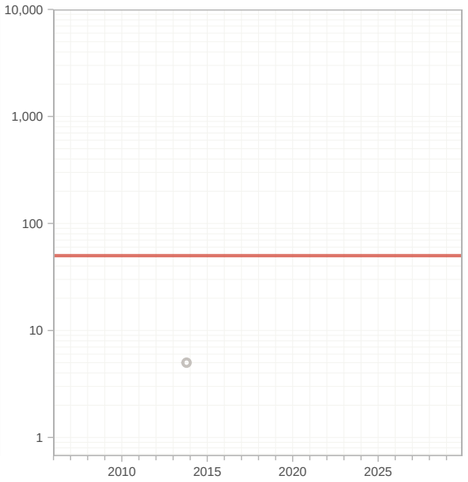
A−7 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



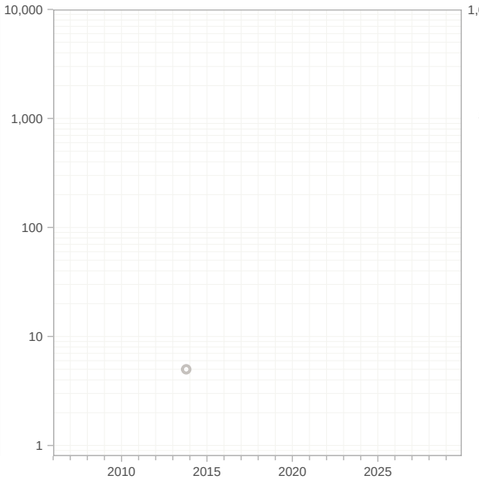
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



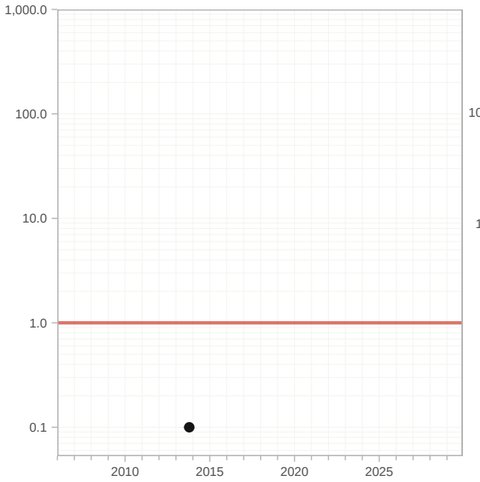
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



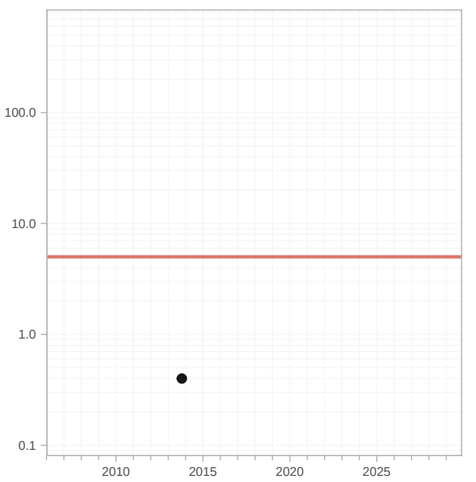
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)



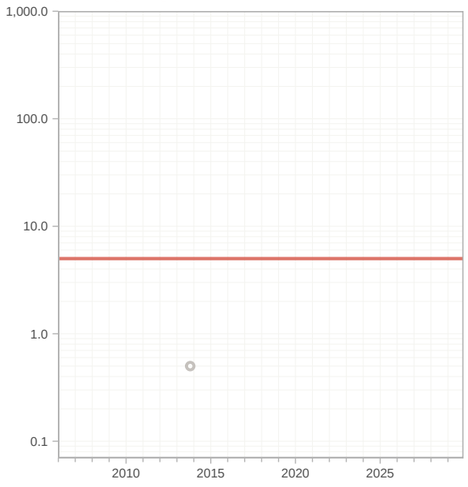
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)



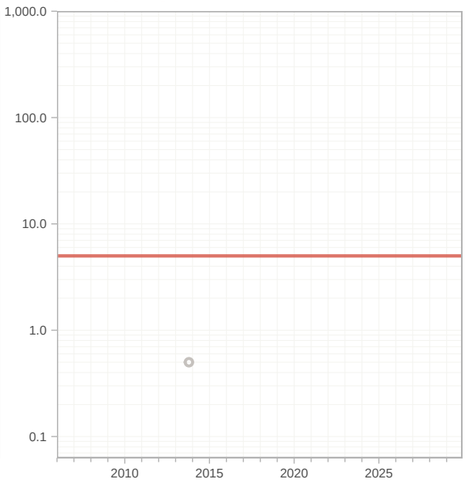
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)



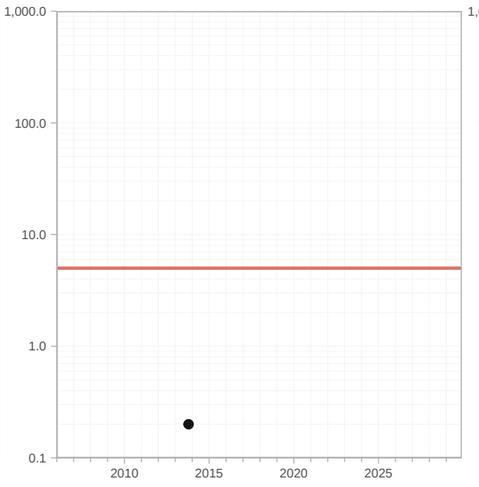
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



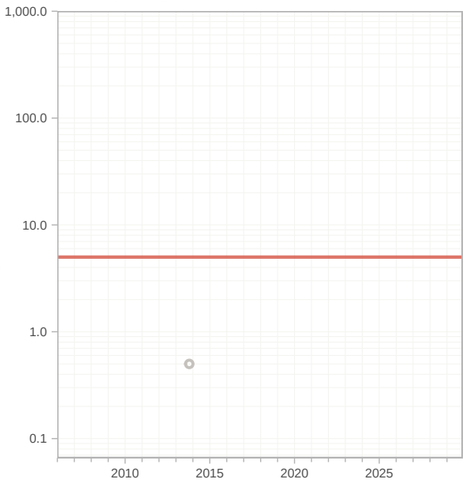
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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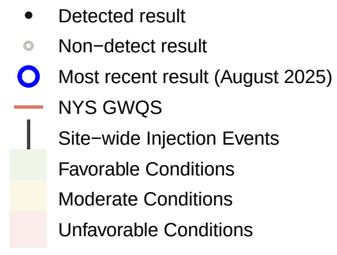
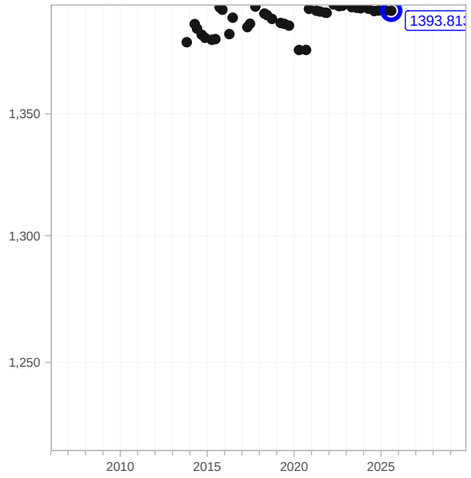


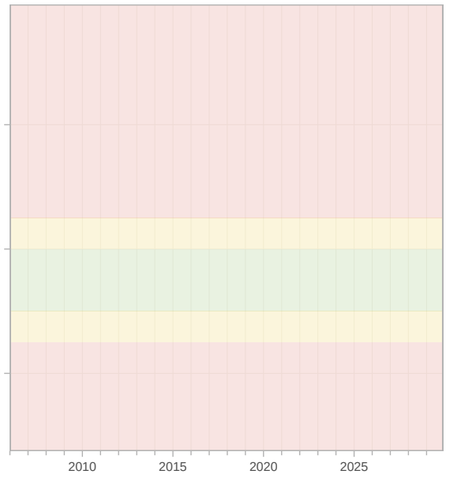
A−7 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



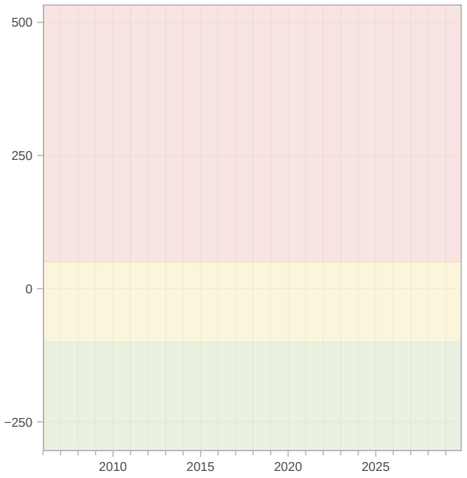
All | N = 38; ND = 0; %ND = 0; M−K = strong increasing

pH



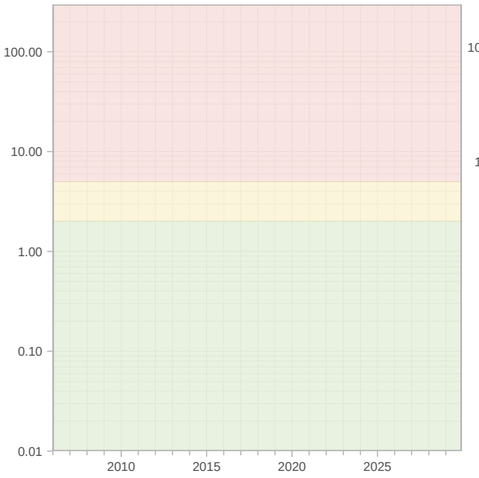
No Data

Oxidation/Reduction Potential



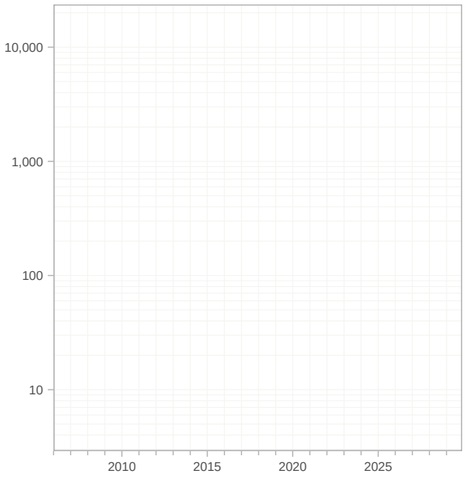
No Data

Dissolved Oxygen



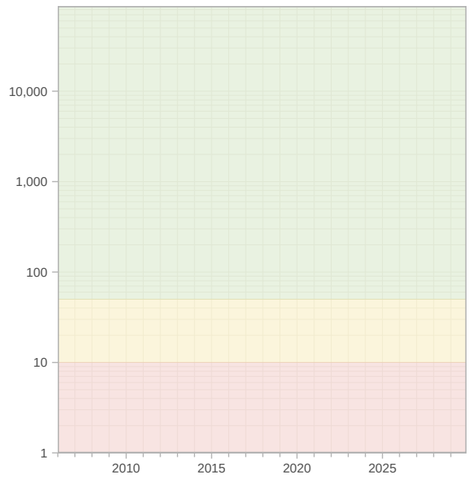
No Data

Specific Conductance



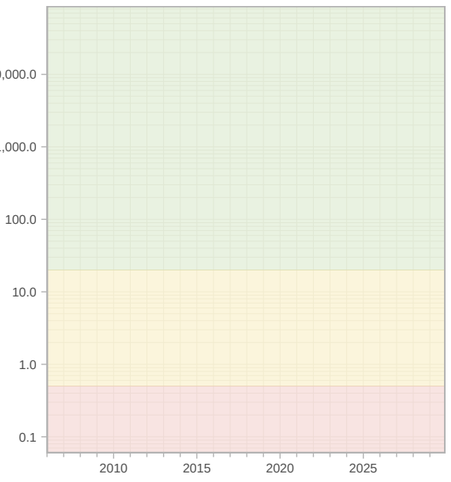
No Data

Sulfide



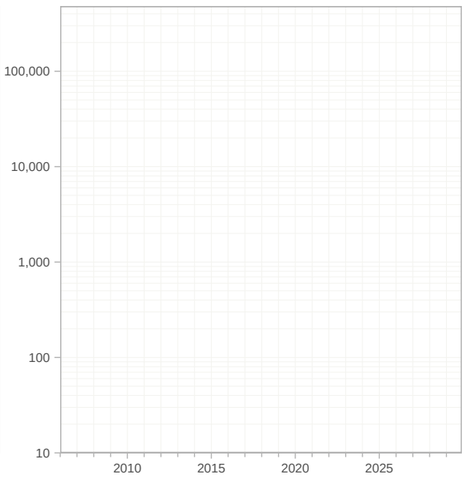
No Data

Methane



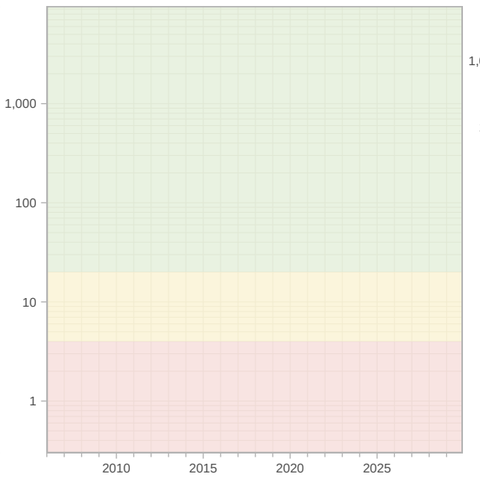
No Data

Iron − Ferrous



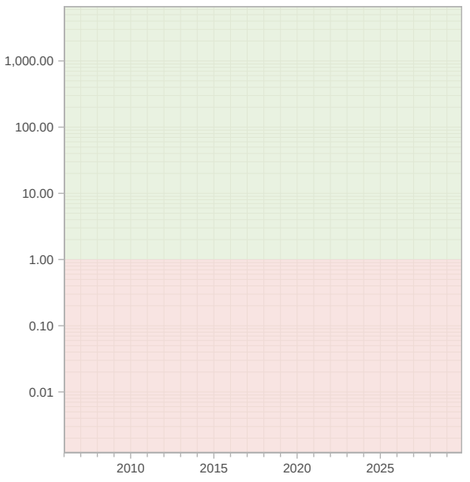
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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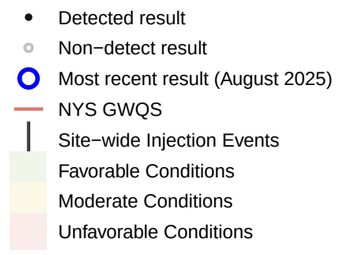
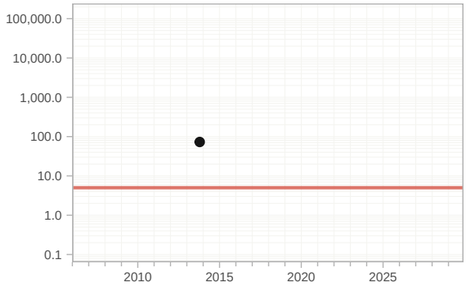


A−8 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

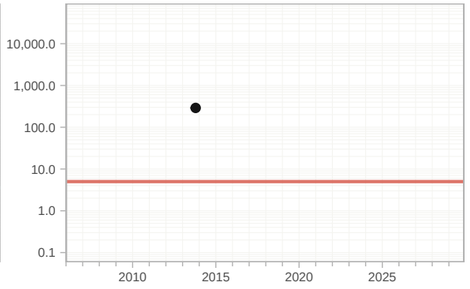
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

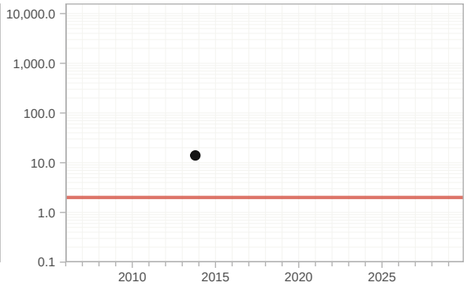
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

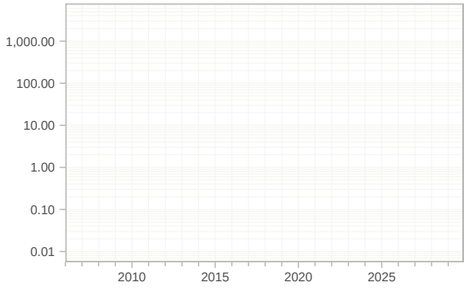
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



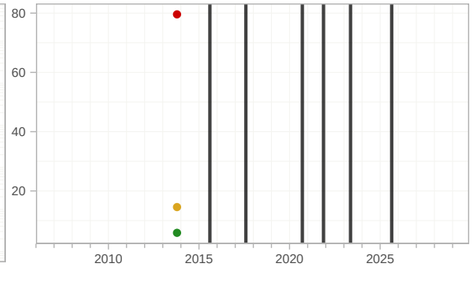
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethane + Ethene



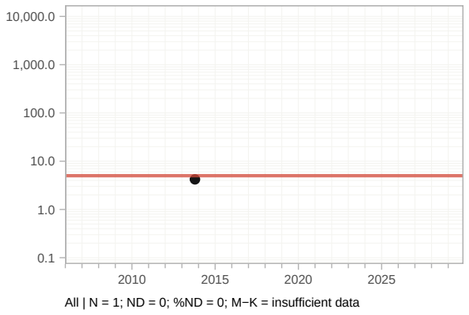
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

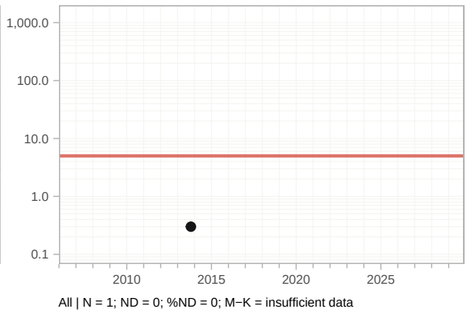
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

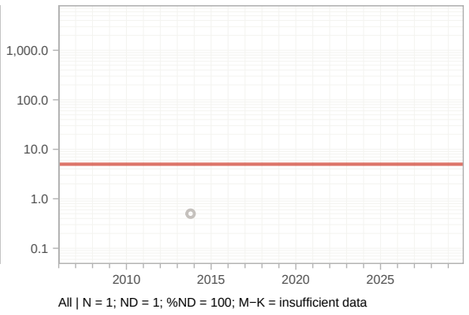
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

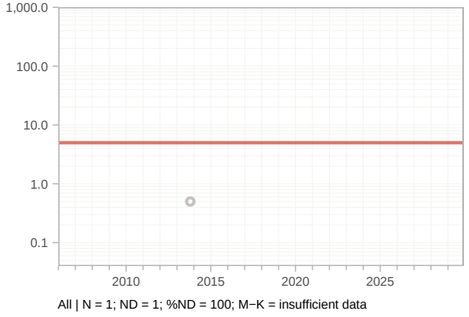
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

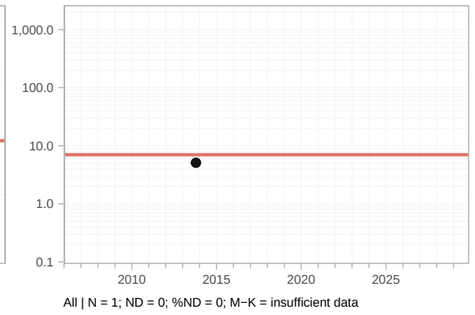
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

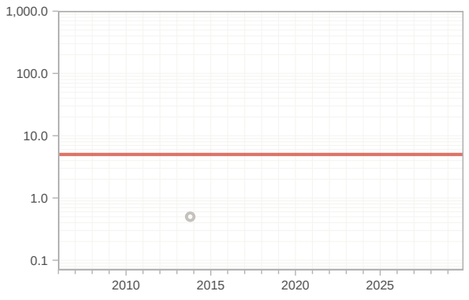
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

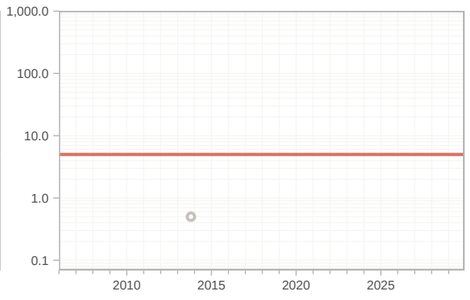
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

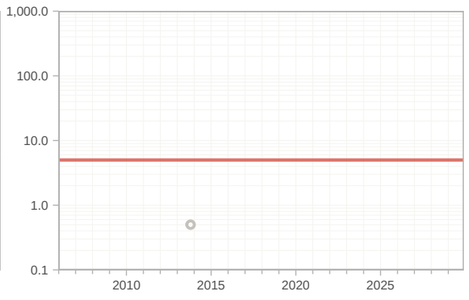
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

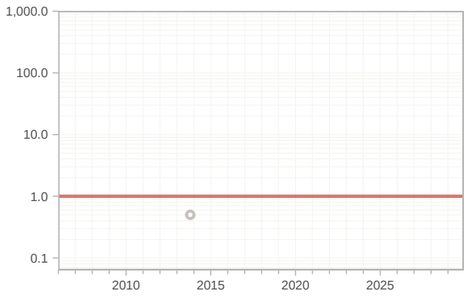
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

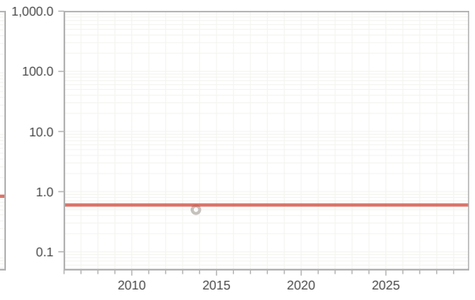
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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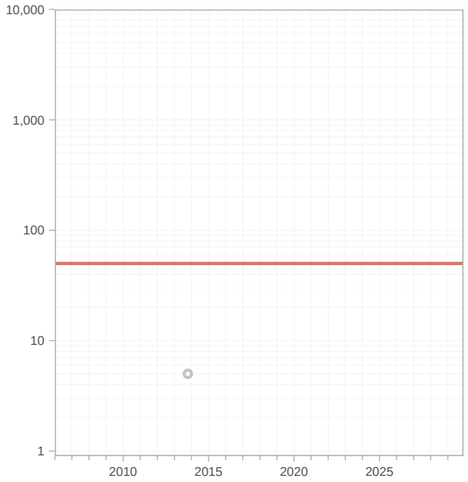
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

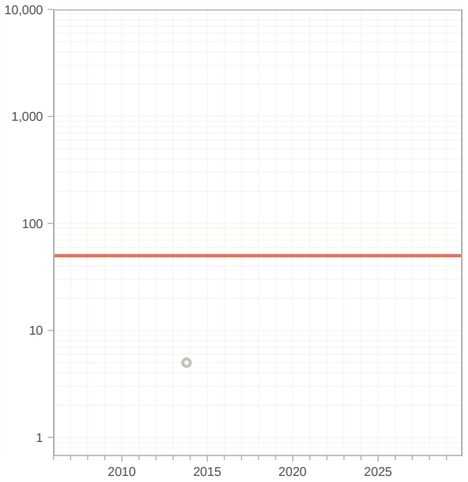
A−8 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



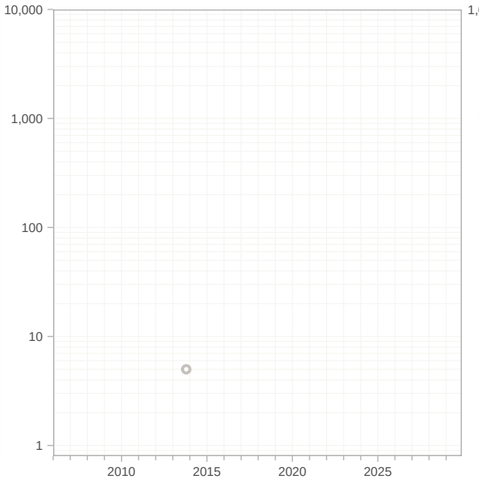
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



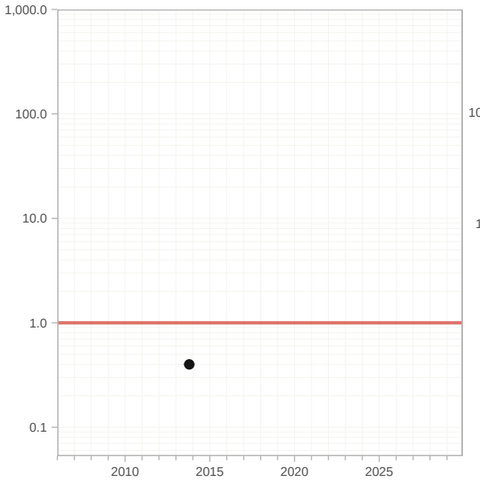
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



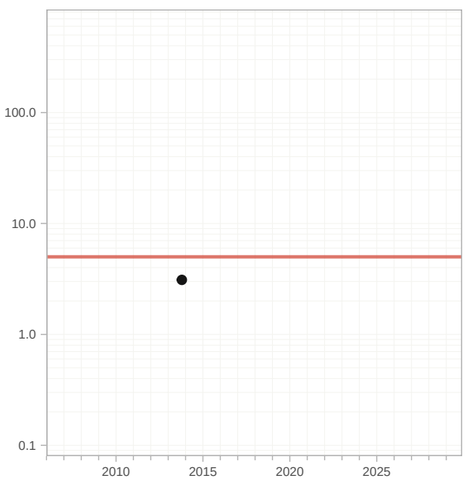
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)



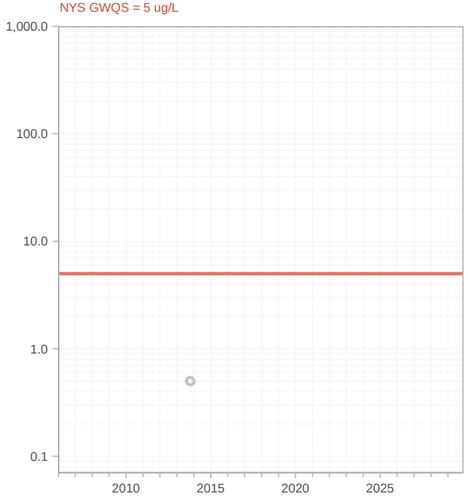
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)



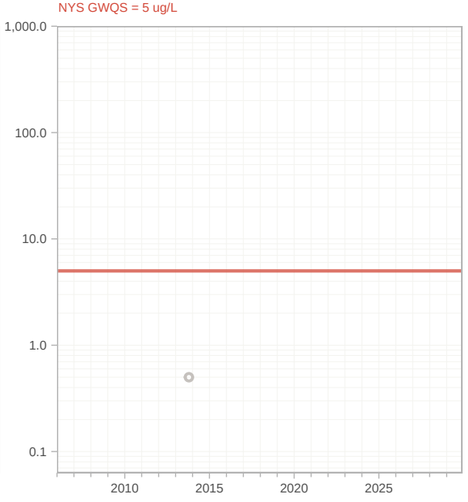
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)



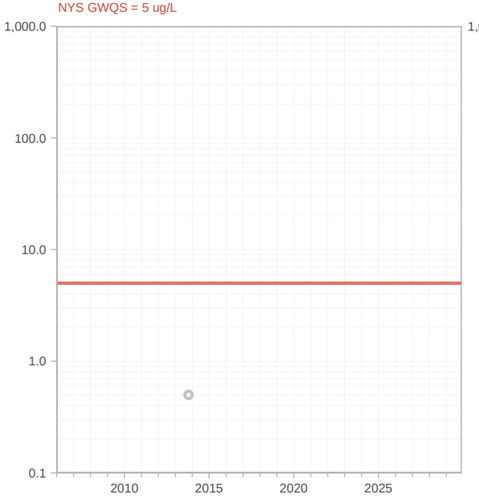
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



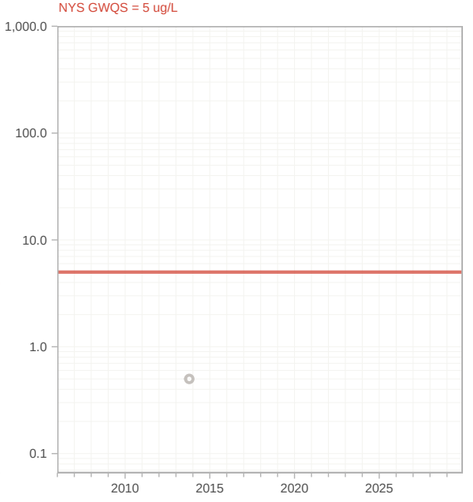
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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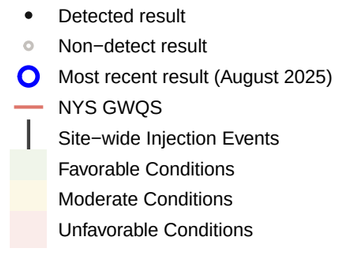
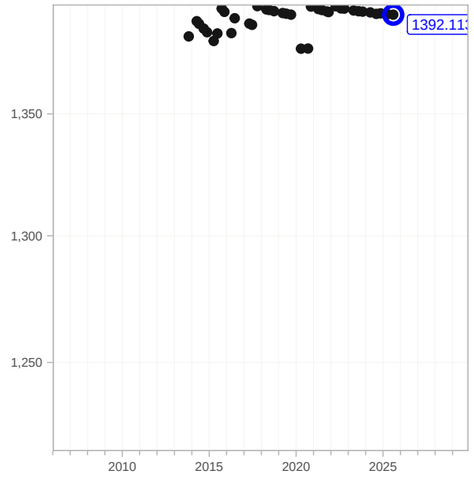


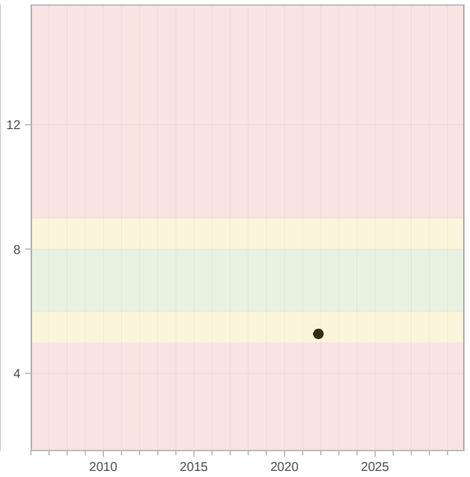
A−8 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



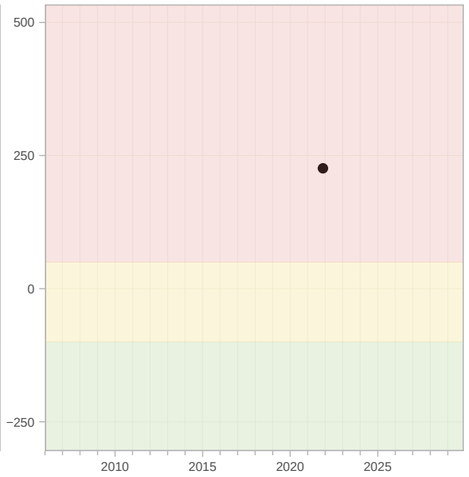
All | N = 38; ND = 0; %ND = 0; M−K = probably increasing

pH (SU)



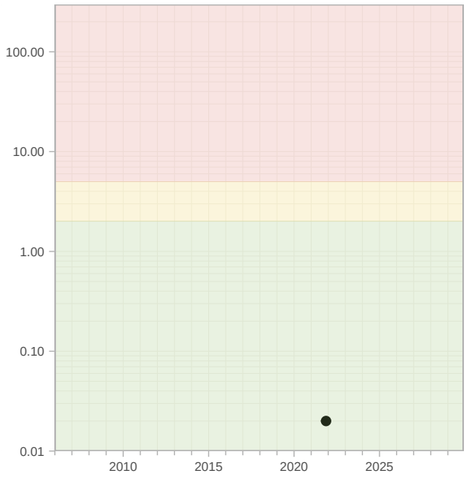
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



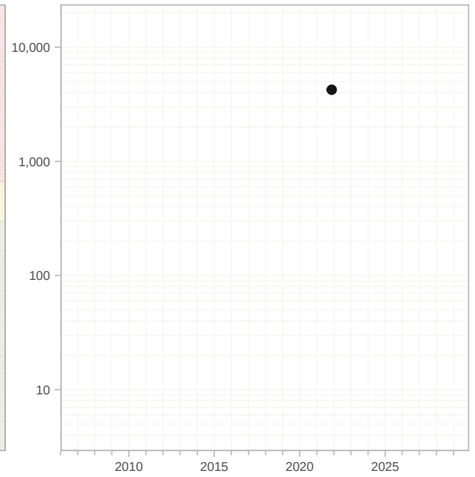
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



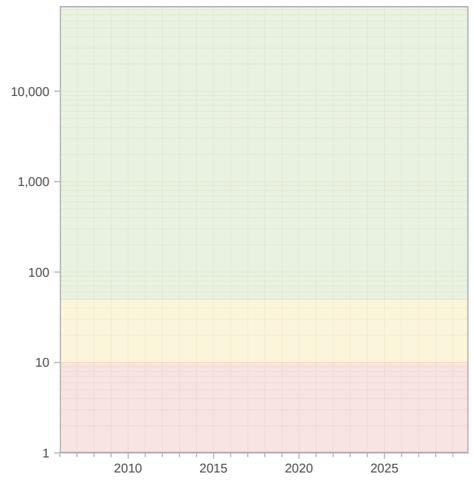
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



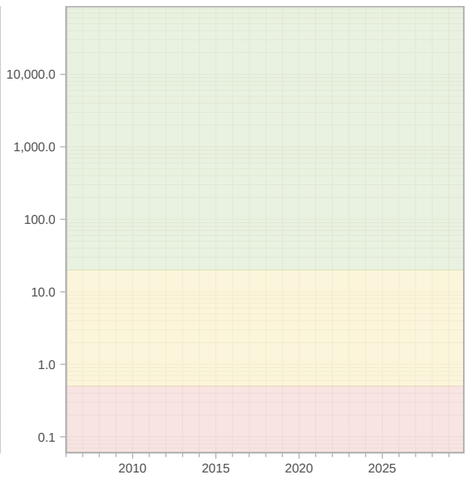
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



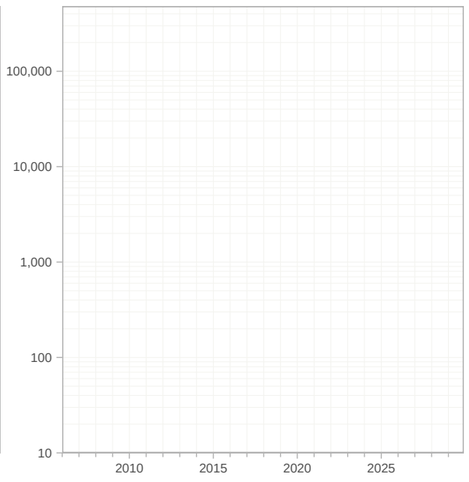
No Data

Methane



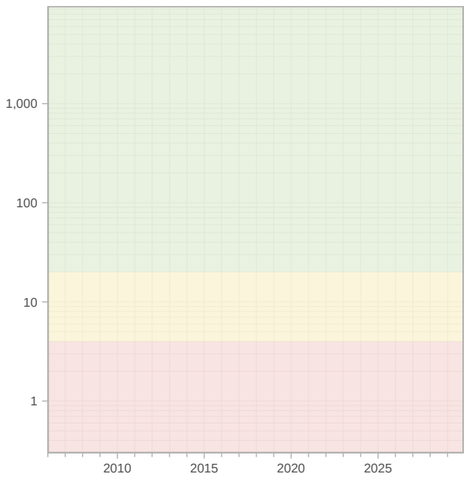
No Data

Iron − Ferrous



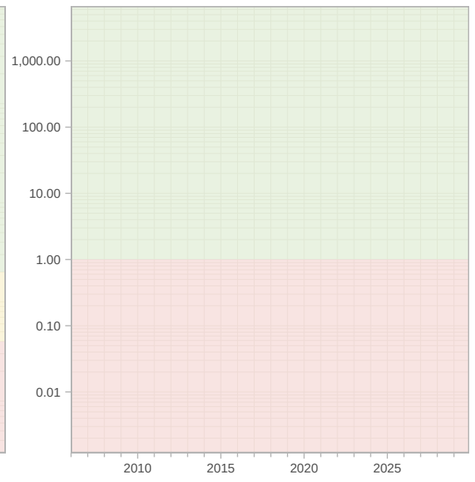
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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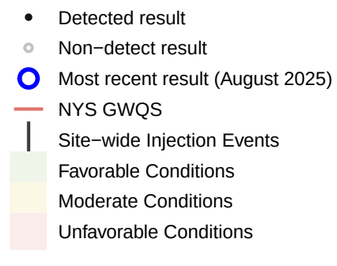
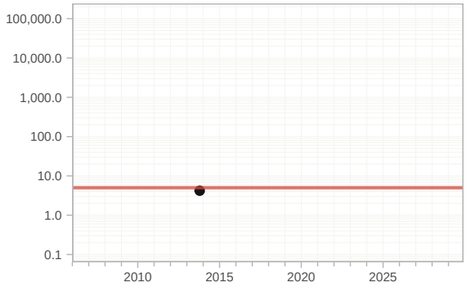


A−9 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

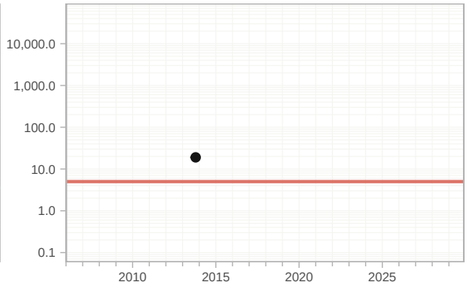
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

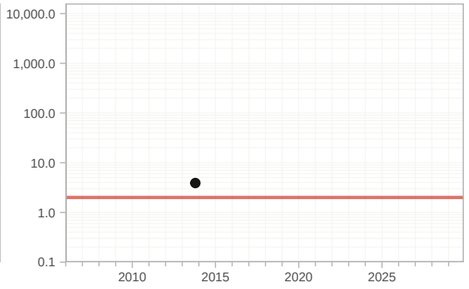
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

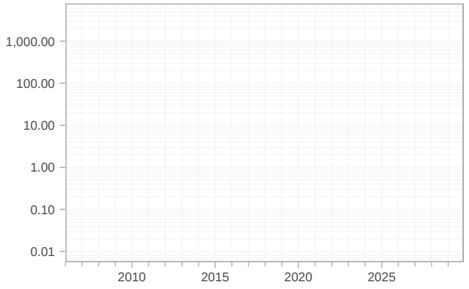
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



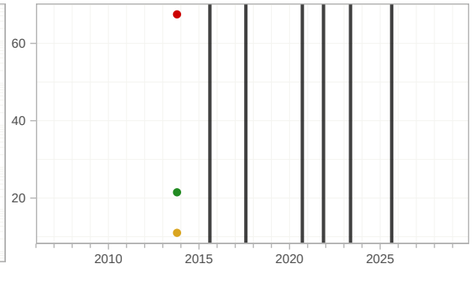
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethane + Ethene



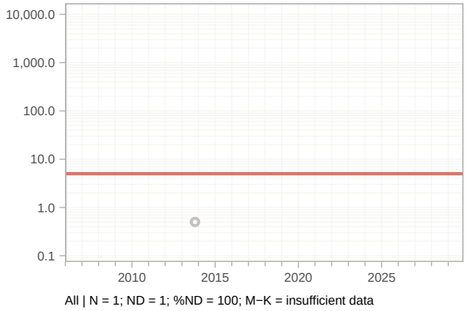
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

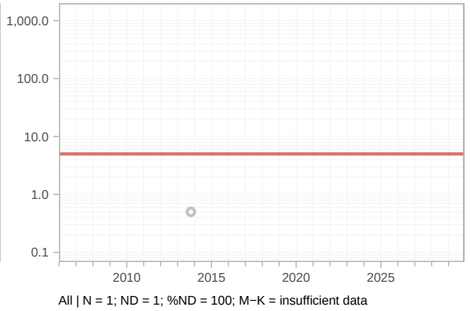
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

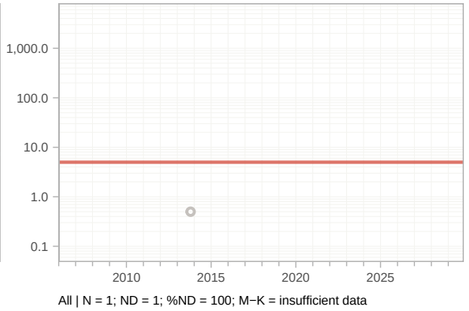
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

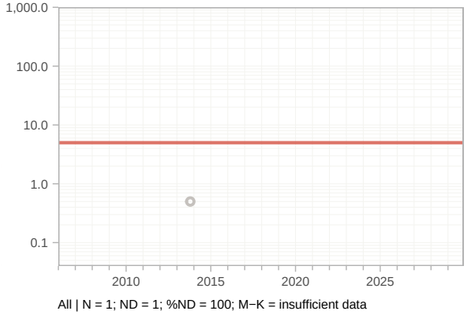
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

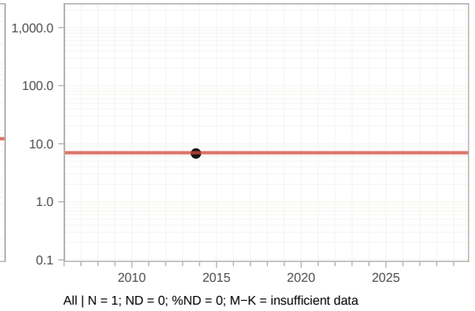
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

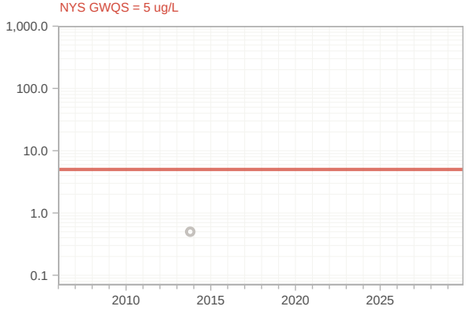
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

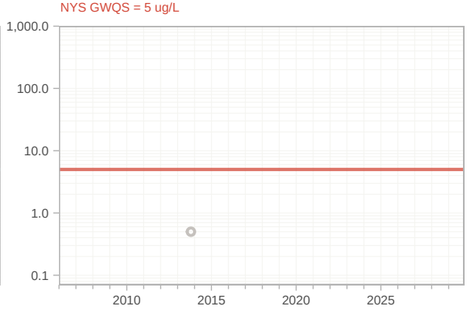
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

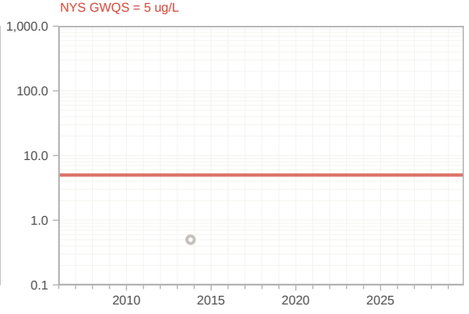
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

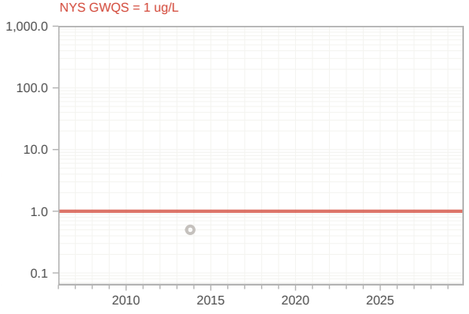
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

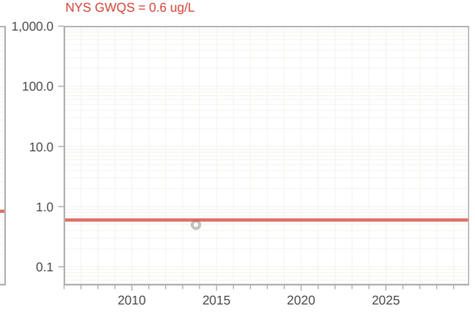
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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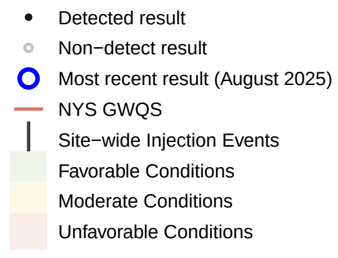
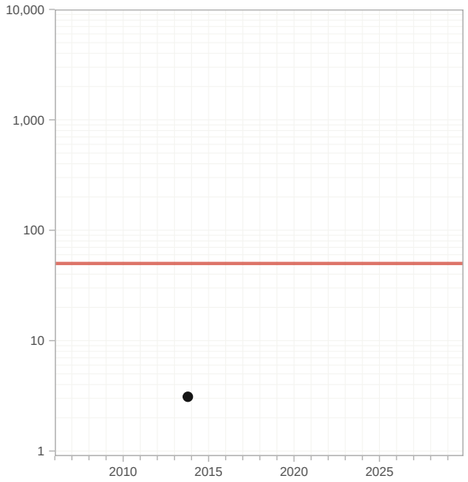


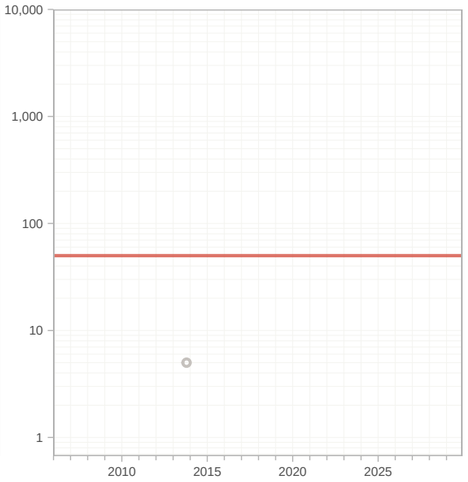
A−9 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



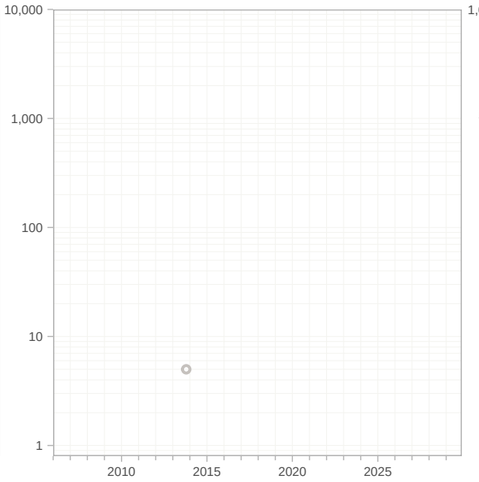
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



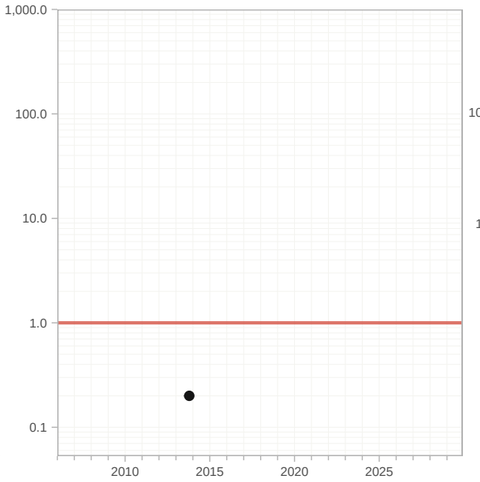
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



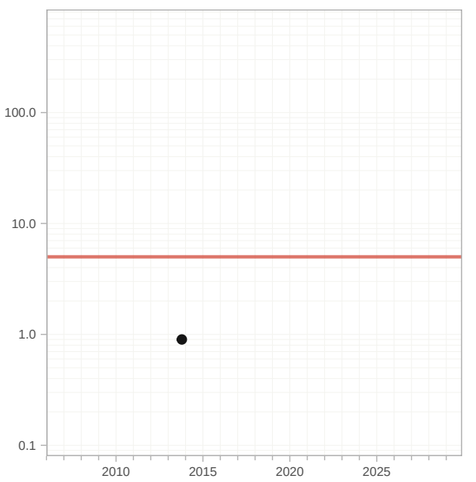
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)



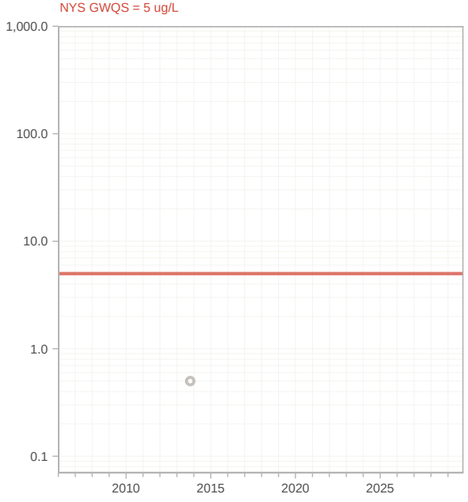
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Toluene (ug/L)



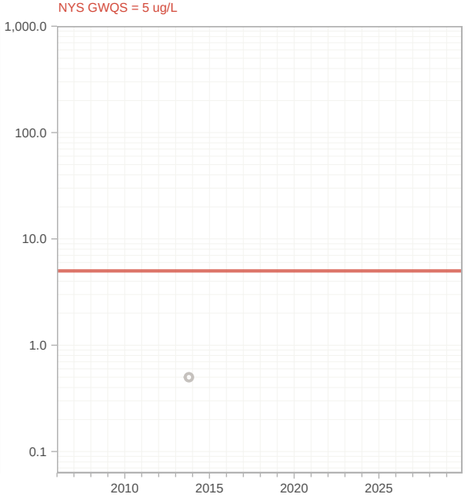
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)



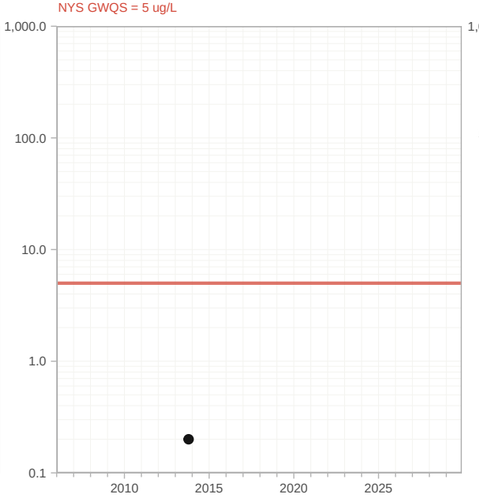
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



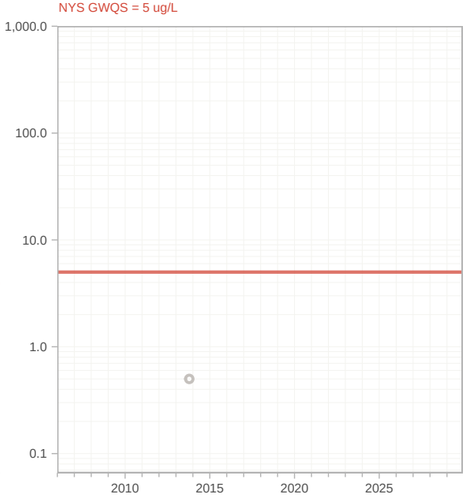
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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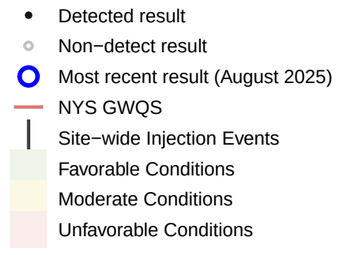
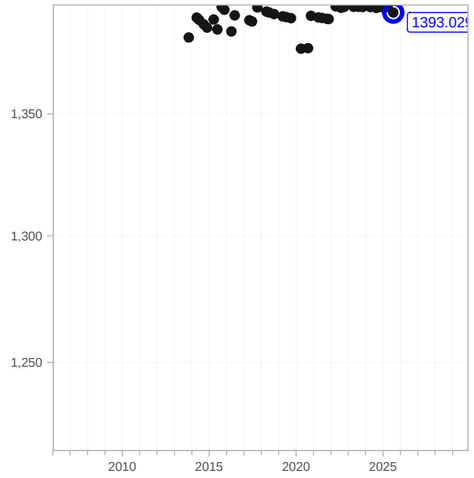


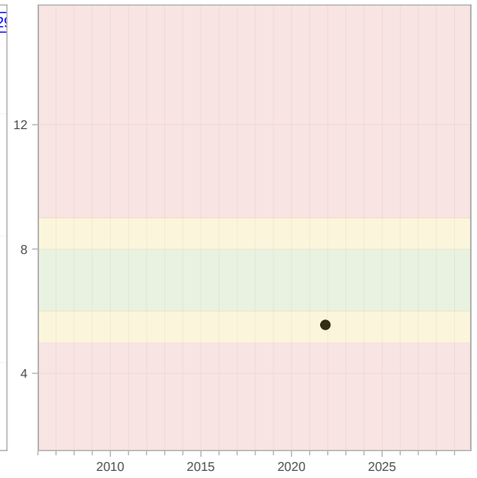
A−9 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



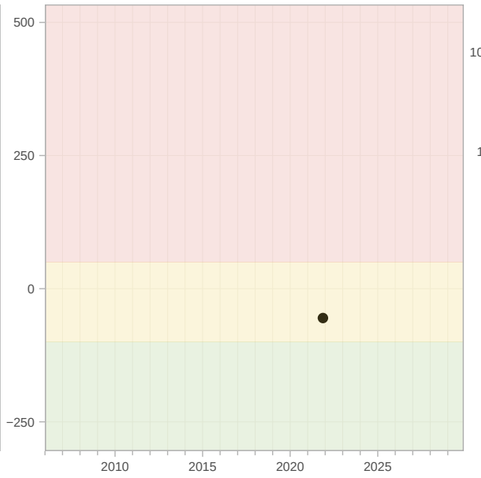
All | N = 38; ND = 0; %ND = 0; M−K = strong increasing

pH (SU)



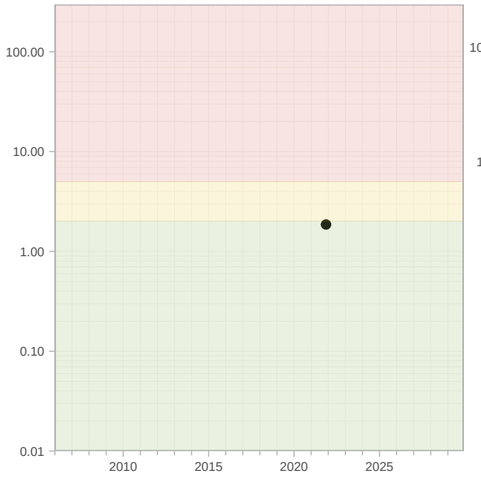
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



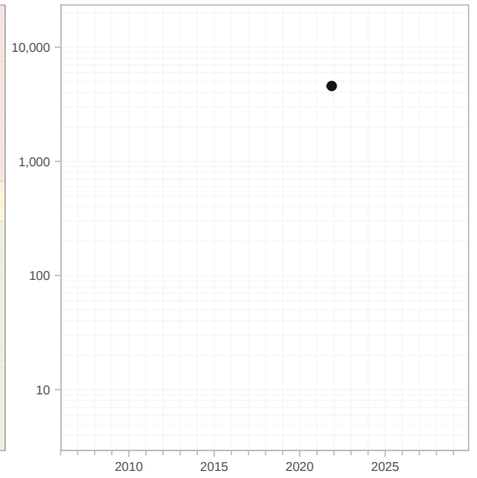
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



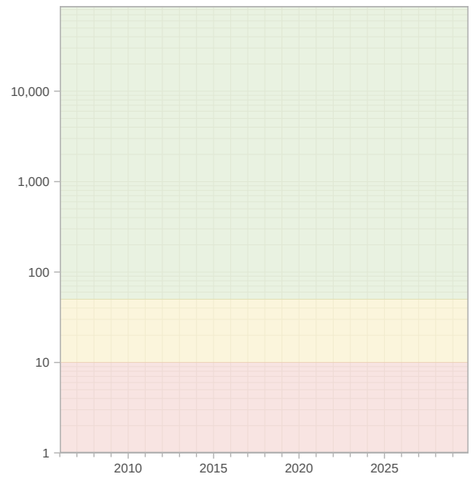
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



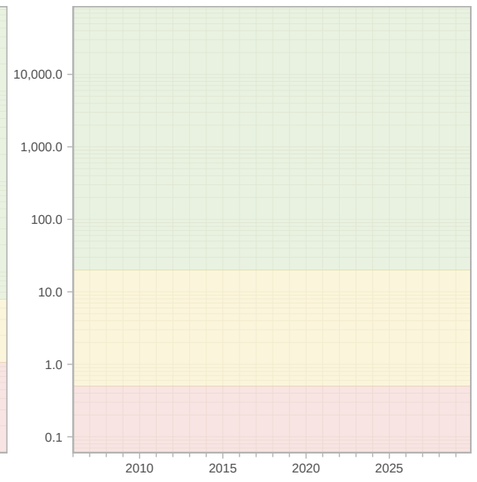
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



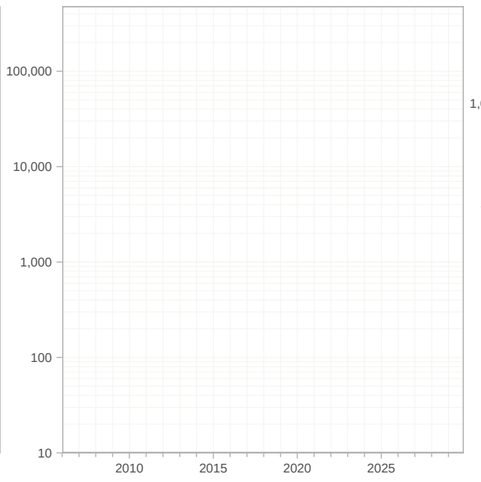
No Data

Methane



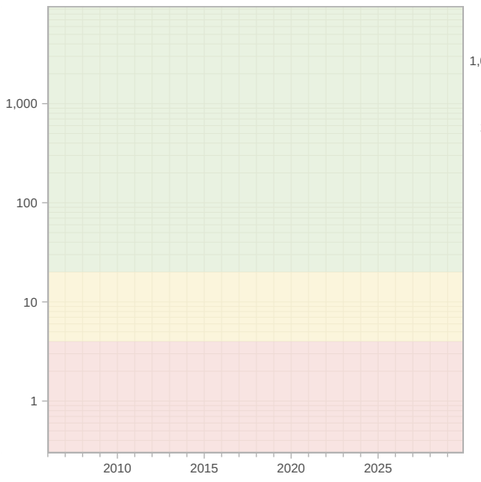
No Data

Iron − Ferrous



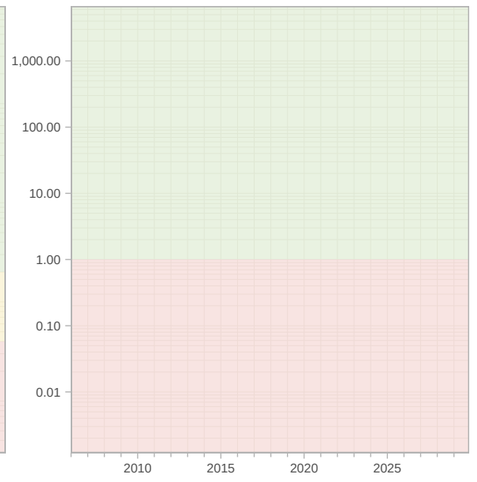
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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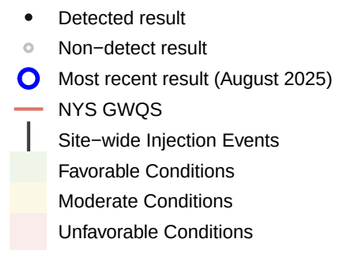
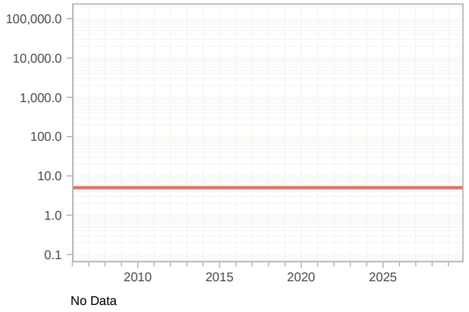


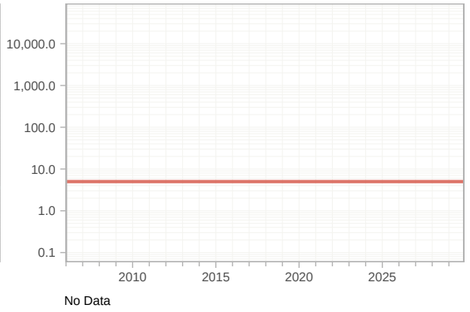
IB−1 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE)



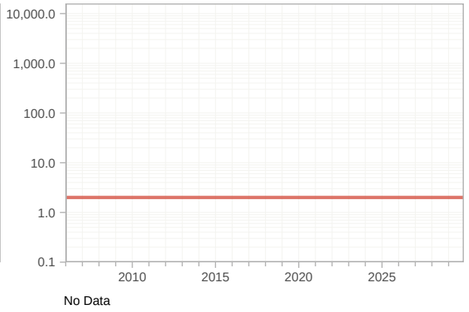
No Data

Dichloroethene (cis−1,2−)



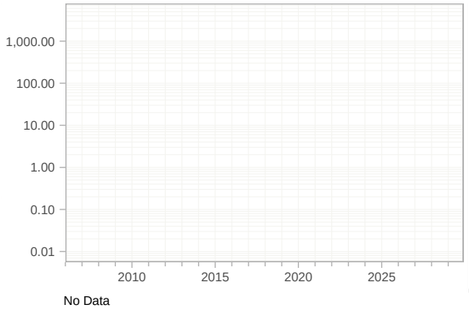
No Data

Vinyl chloride



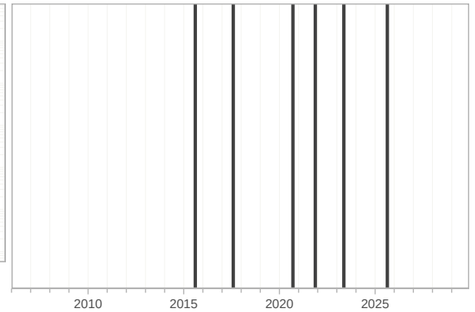
No Data

Ethane + Ethene

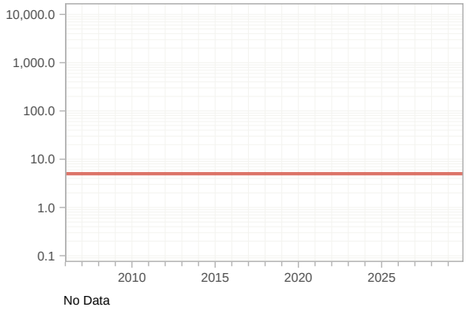


No Data

Molar Composition (%)

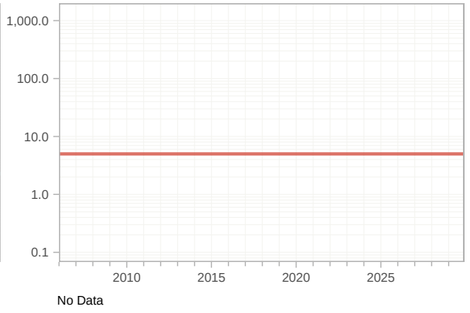


Dichloroethene (trans−1,2−)



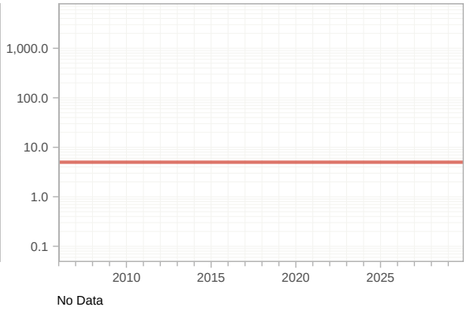
No Data

Dichloroethene (1,1−)



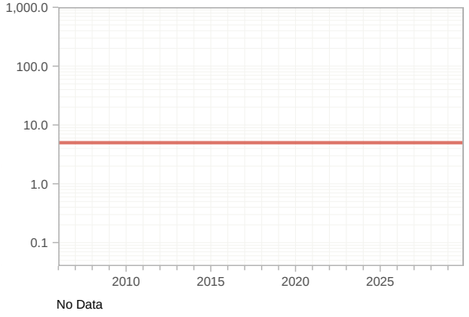
No Data

Tetrachloroethene (PCE)



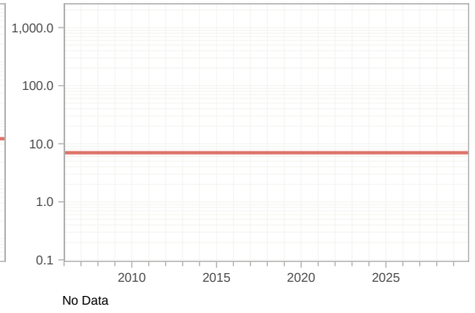
No Data

Carbon tetrachloride



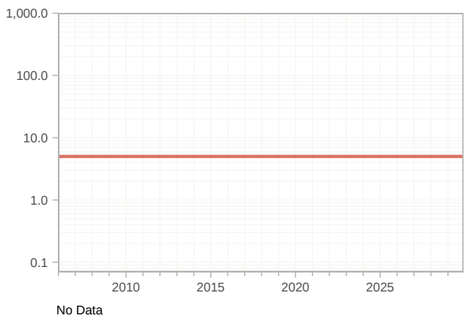
No Data

Chloroform (Trichloromethane)



No Data

Methylene Chloride (Dichloromethane)



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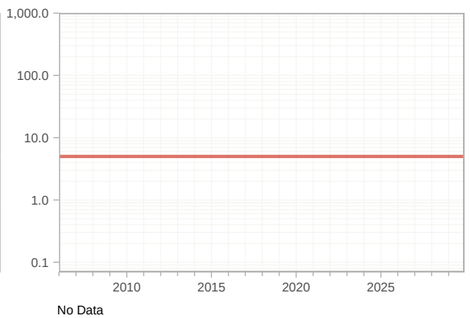
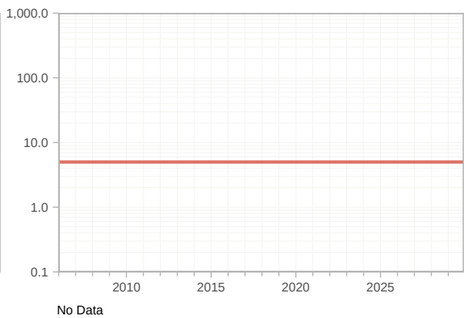
Chloromethane



No Data

Trichloroethane (1,1,1−)



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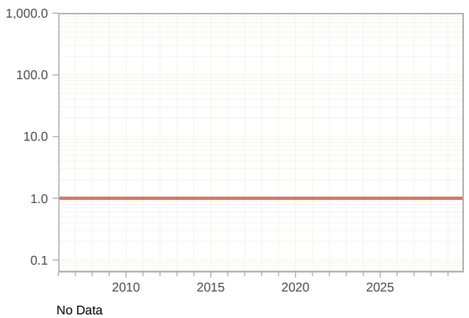
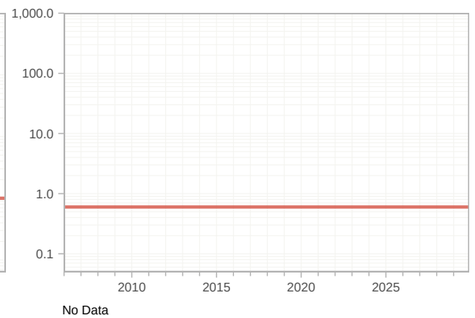
Trichloroethane (1,1,2−)



No Data

Dichloroethane (1,2−)



No Data

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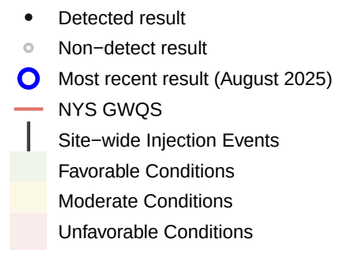
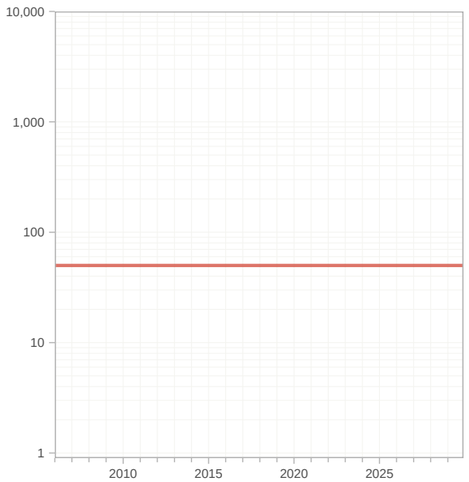


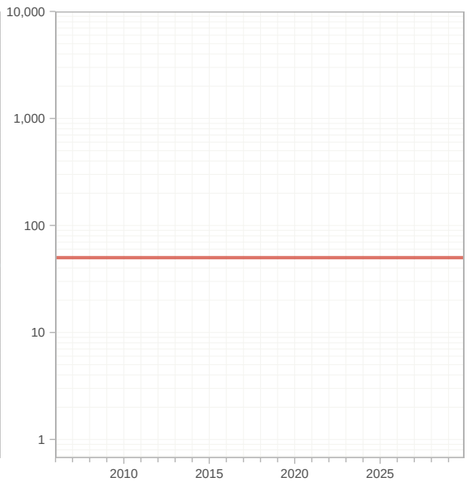
IB−1 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone



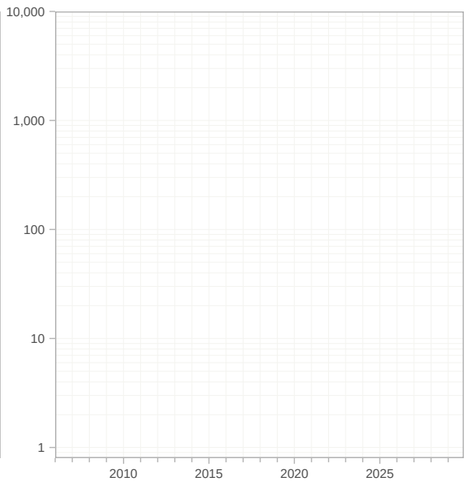
No Data

Butanone (2−) (MEK)



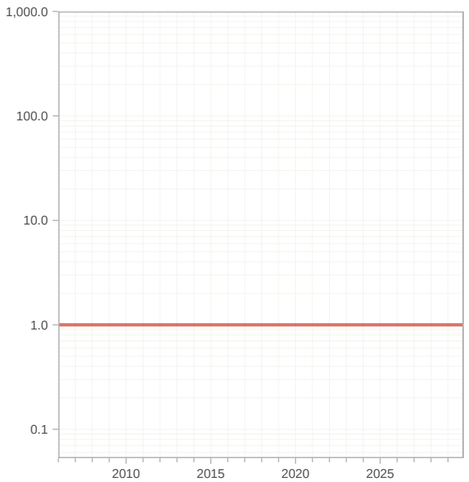
No Data

Methyl−2−pentanone (4−) (MIBK)



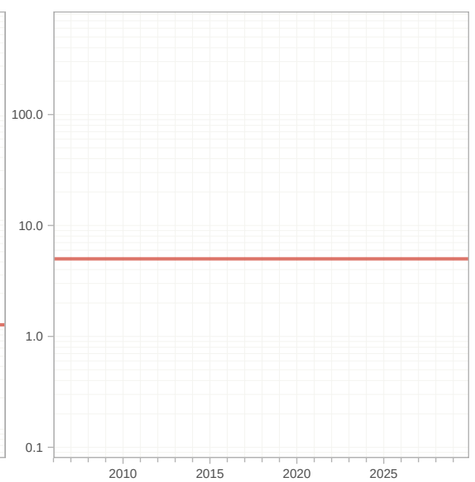
No Data

Benzene



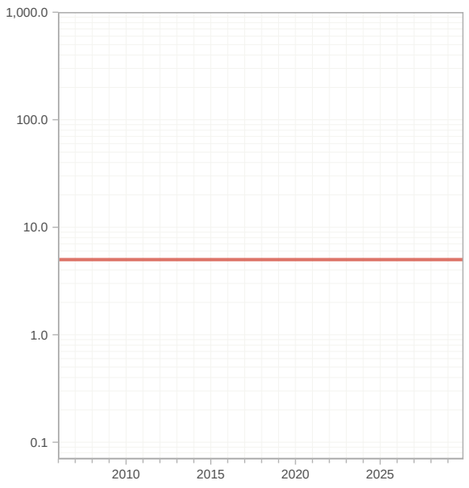
No Data

Toluene



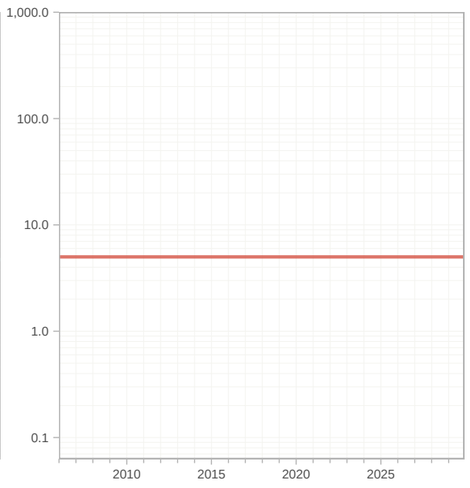
No Data

Ethylbenzene



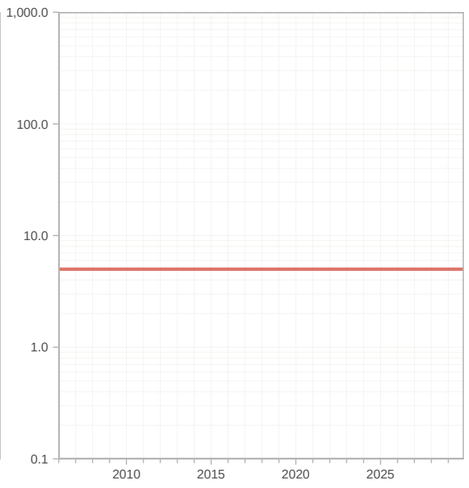
No Data

Isopropylbenzene (Cumene)



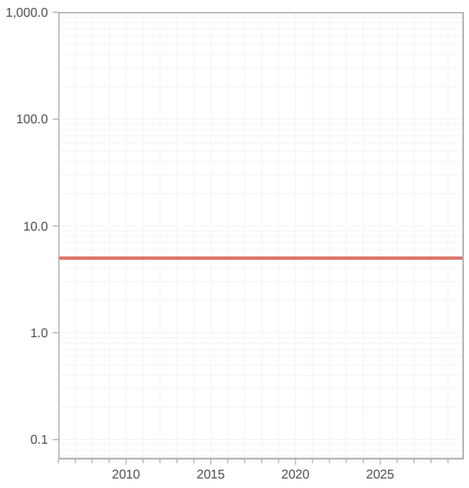
No Data

Xylene (m,p−)



No Data

Xylene (o−)



No Data

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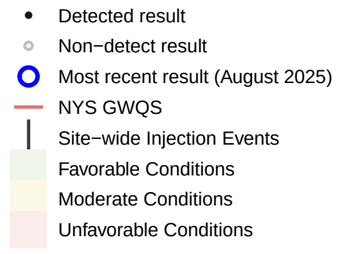
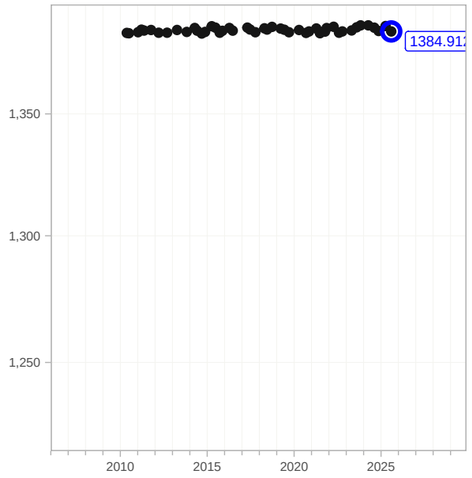


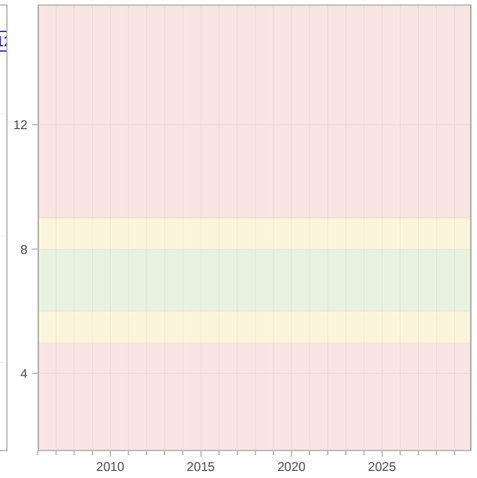
IB−1 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



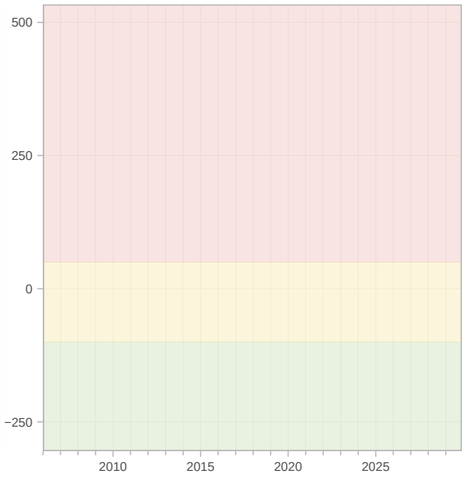
All | N = 47; ND = 0; %ND = 0; M−K = increasing

pH



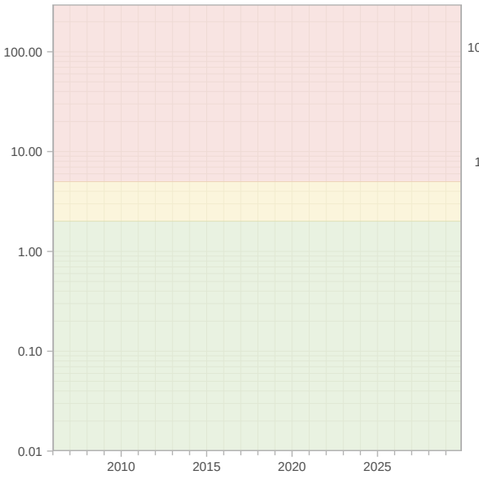
No Data

Oxidation/Reduction Potential



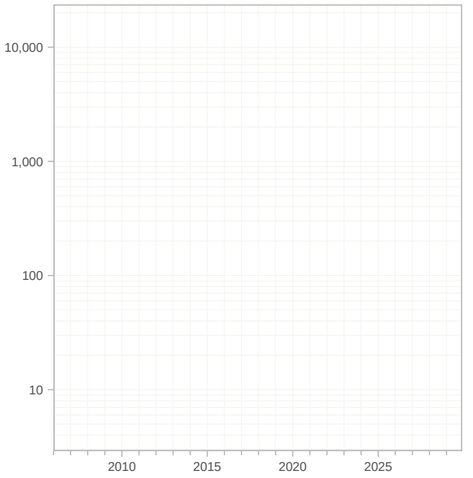
No Data

Dissolved Oxygen



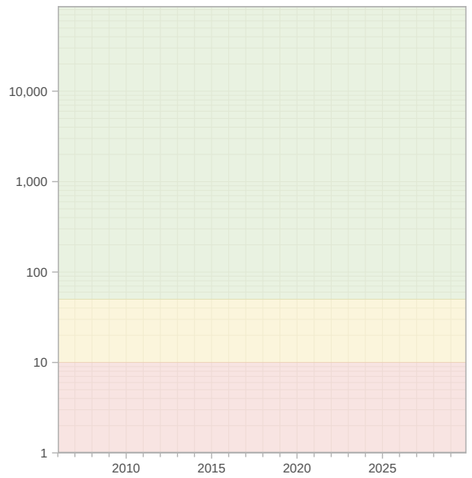
No Data

Specific Conductance



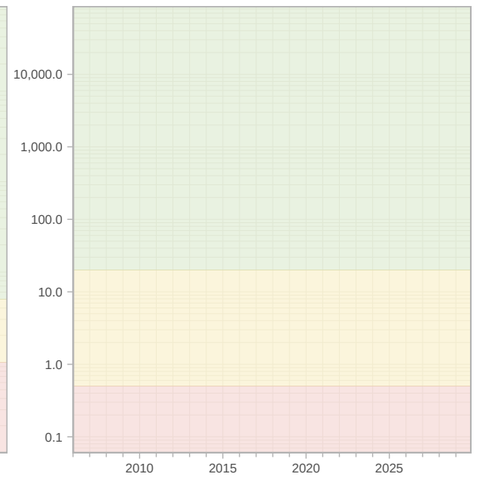
No Data

Sulfide



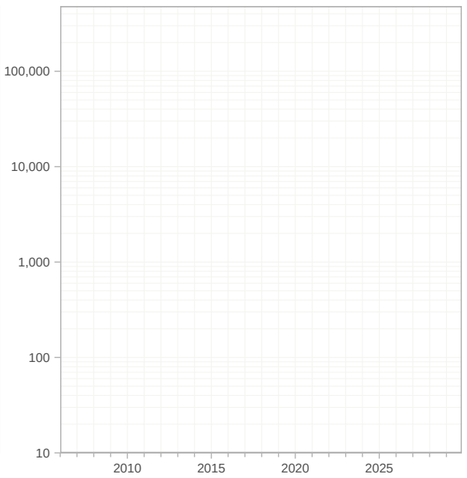
No Data

Methane



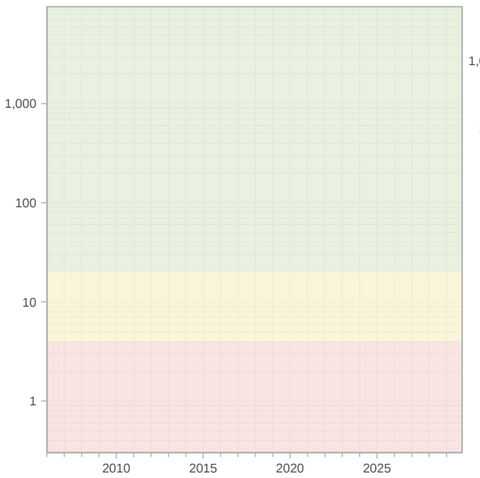
No Data

Iron − Ferrous



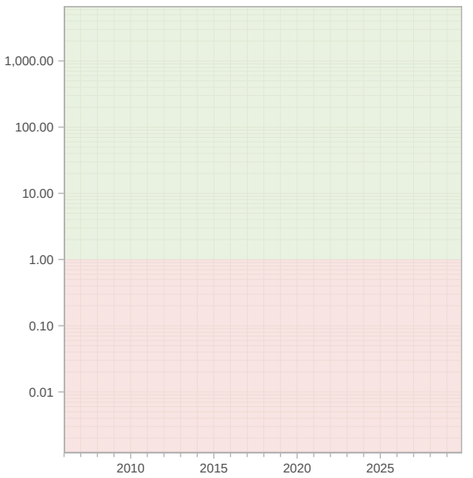
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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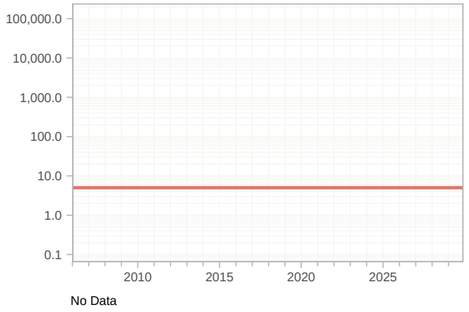
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

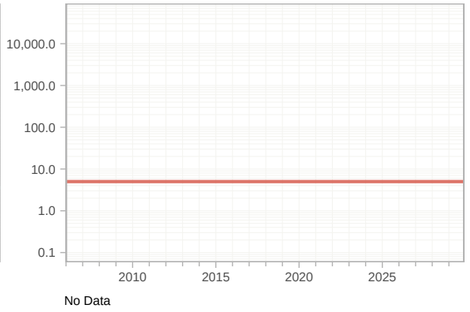
IB−2 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE)



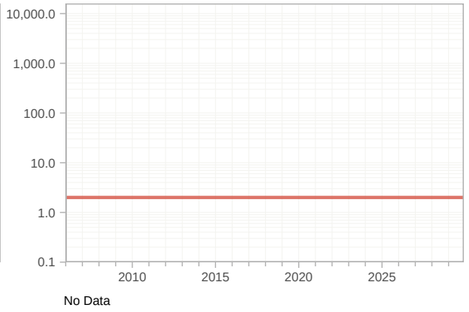
No Data

Dichloroethene (cis−1,2−)



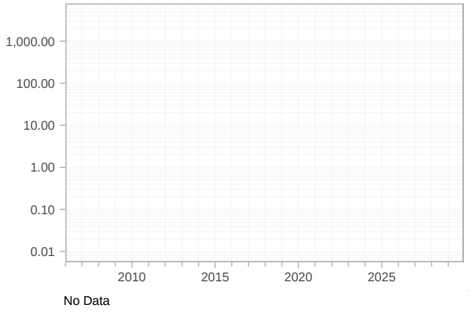
No Data

Vinyl chloride



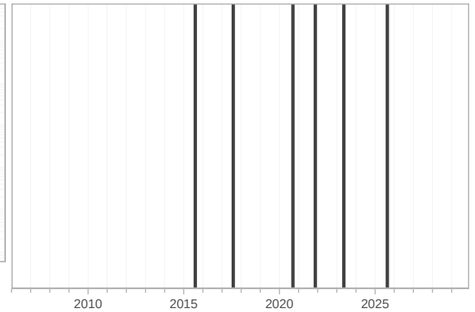
No Data

Ethane + Ethene

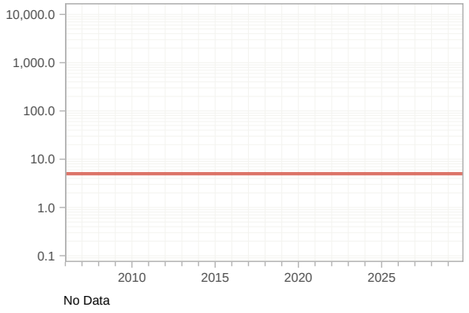


No Data

Molar Composition (%)

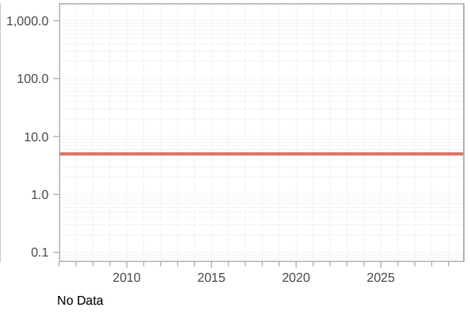


Dichloroethene (trans−1,2−)



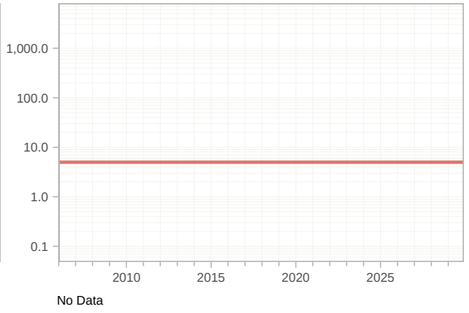
No Data

Dichloroethene (1,1−)



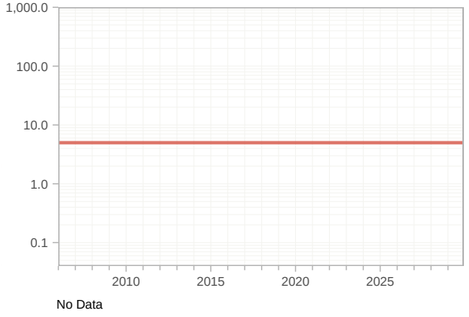
No Data

Tetrachloroethene (PCE)



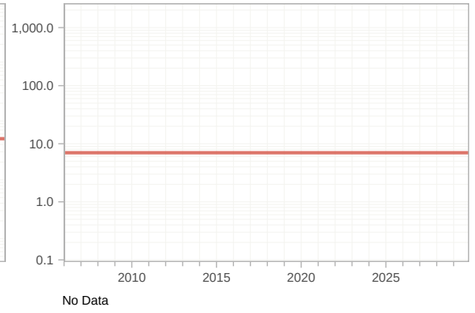
No Data

Carbon tetrachloride



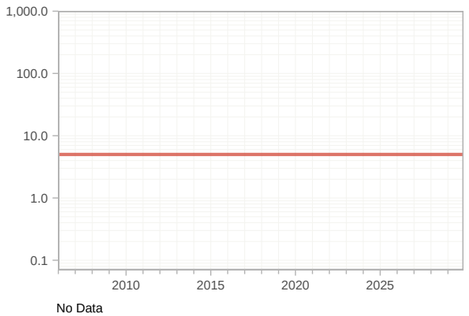
No Data

Chloroform (Trichloromethane)



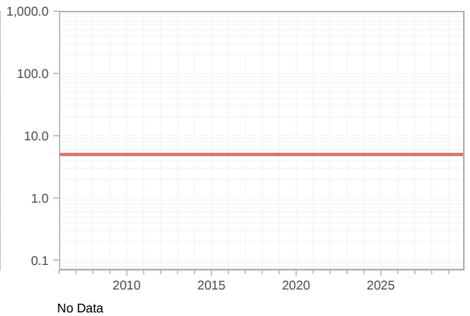
No Data

Methylene Chloride (Dichloromethane)



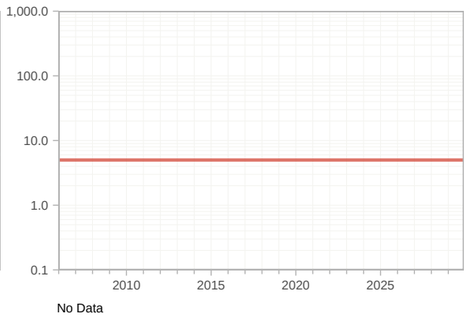
No Data

Chloromethane



No Data

Trichloroethane (1,1,1−)



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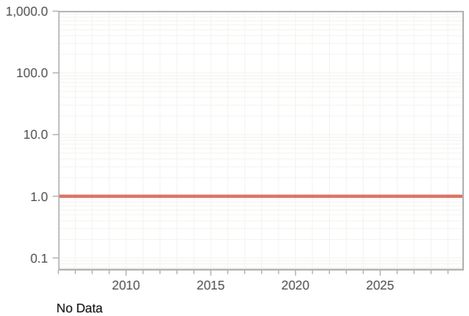
Trichloroethane (1,1,2−)



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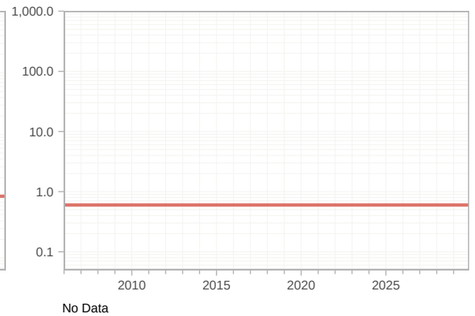
Dichloroethane (1,2−)



No Data

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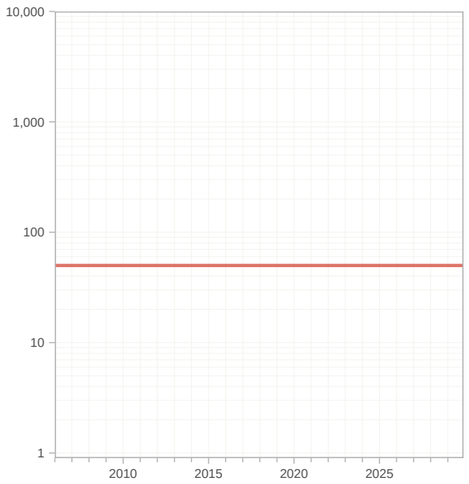
Detected result
Non−detect result
Most recent result (August 2025)
NYS GWQS
Site−wide Injection Events
Favorable Conditions
Moderate Conditions
Unfavorable Conditions

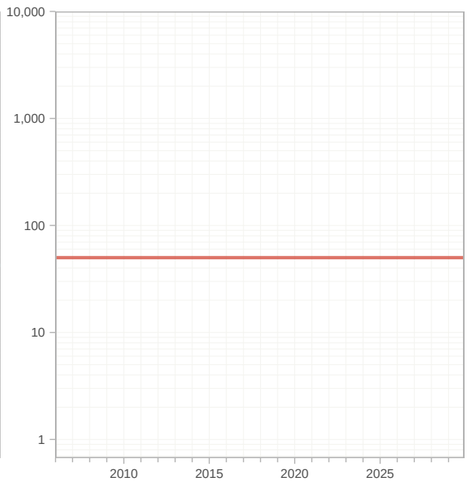
IB−2 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone



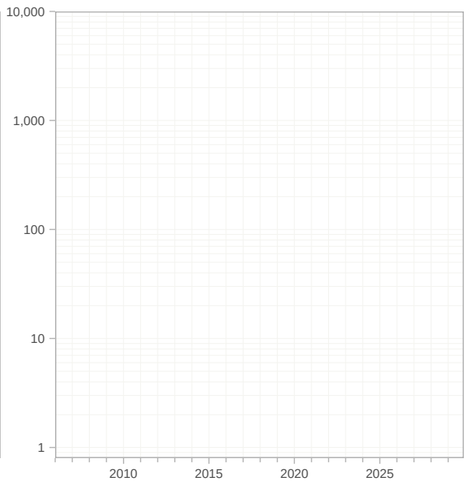
No Data

Butanone (2−) (MEK)



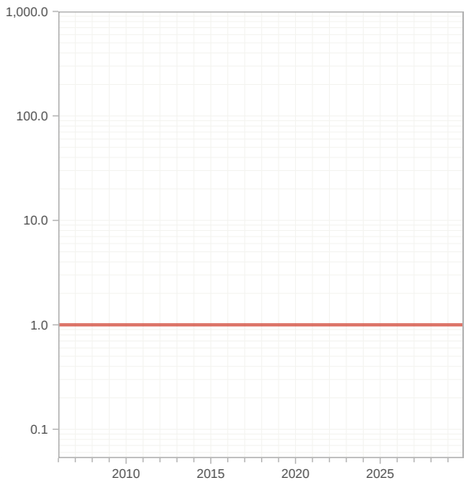
No Data

Methyl−2−pentanone (4−) (MIBK)



No Data

Benzene



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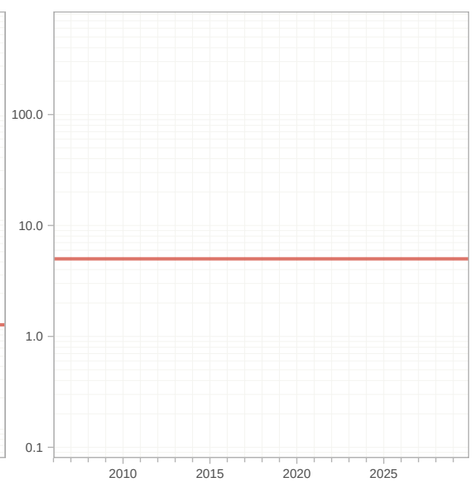
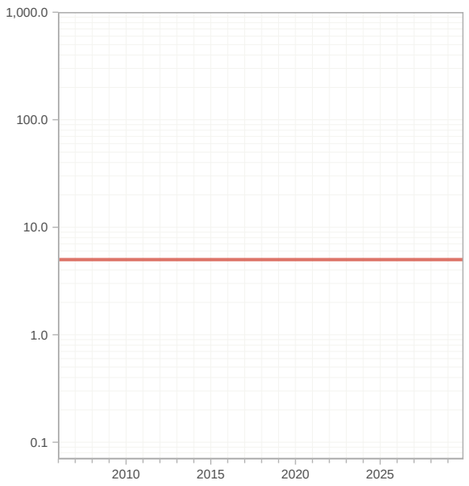
Toluene



No Data

Ethylbenzene



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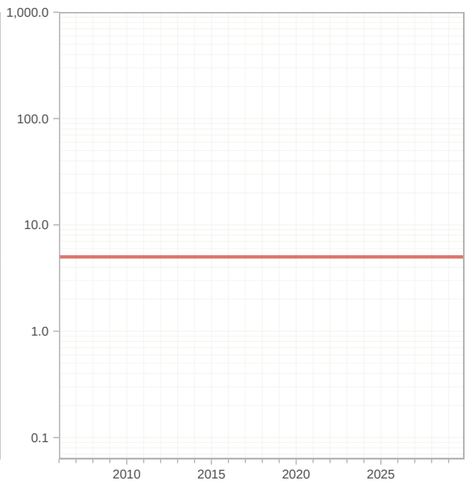
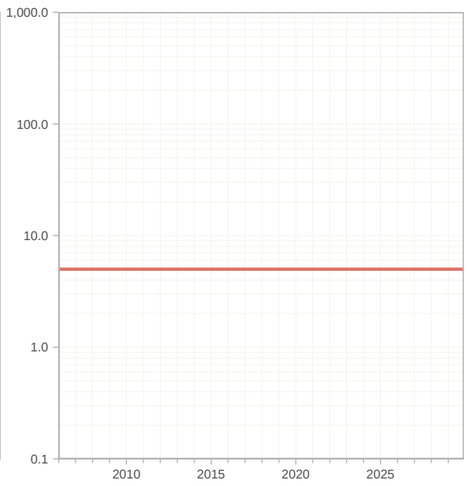
Isopropylbenzene (Cumene)



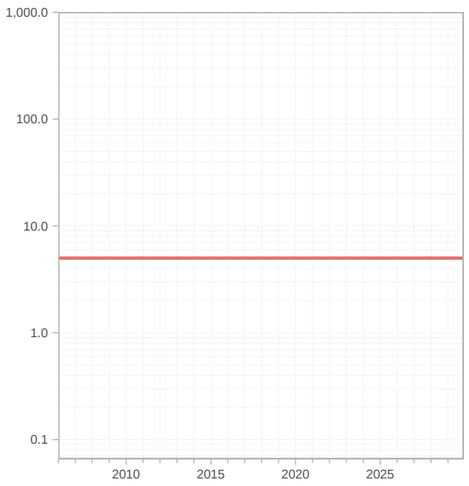
No Data

Xylene (m,p−)



No Data

Xylene (o−)



No Data

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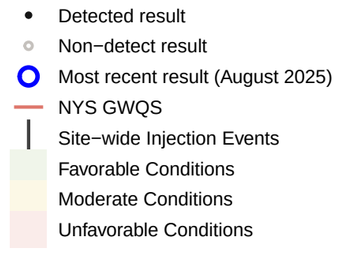
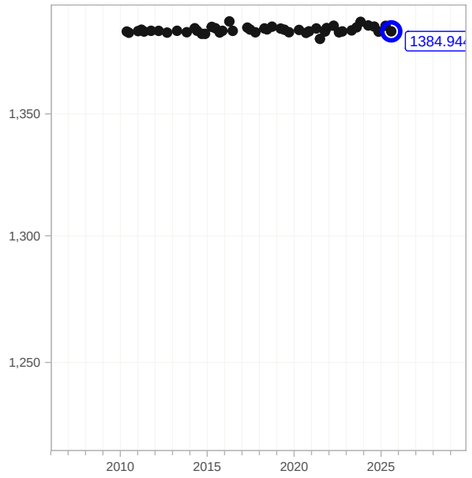


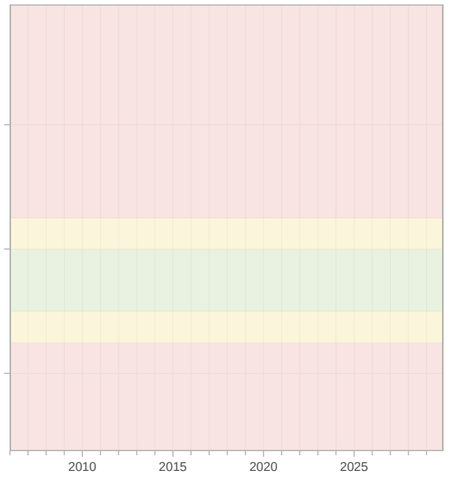
IB−2 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



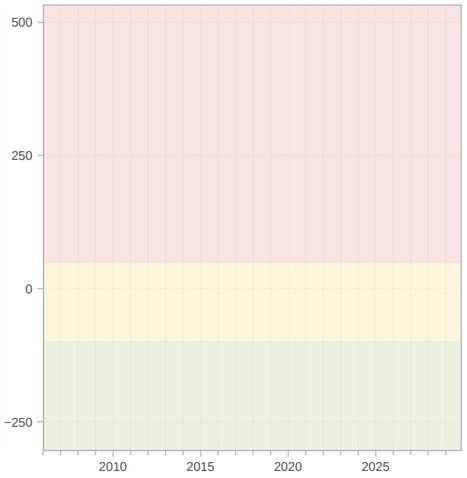
All | N = 47; ND = 0; %ND = 0; M−K = increasing

pH



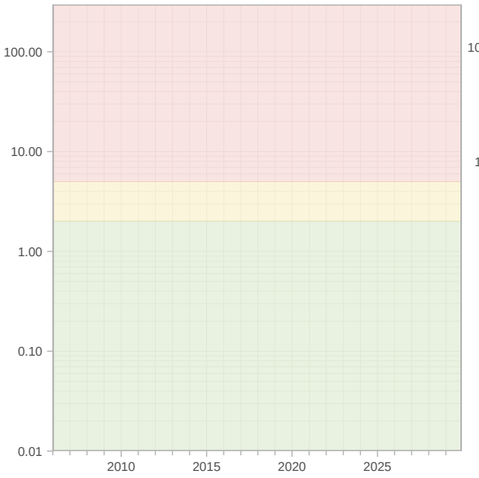
No Data

Oxidation/Reduction Potential



No Data

Dissolved Oxygen



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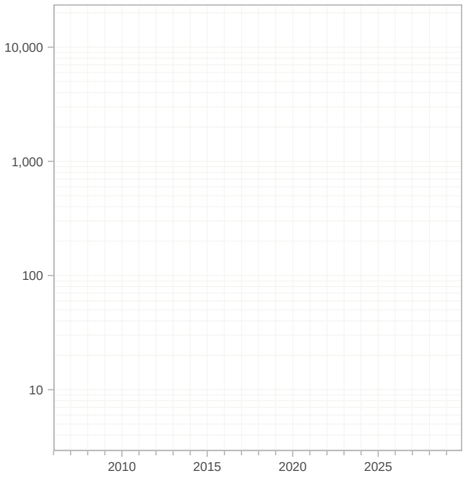
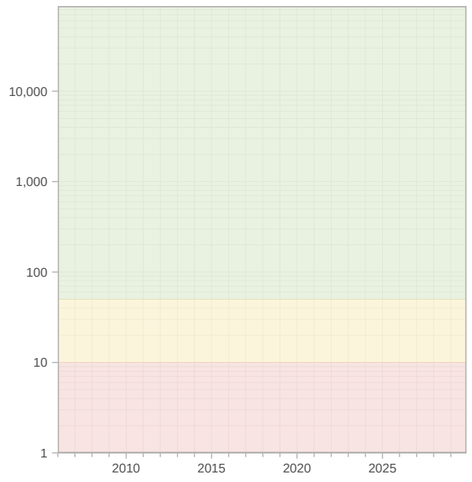
Specific Conductance



No Data

Sulfide



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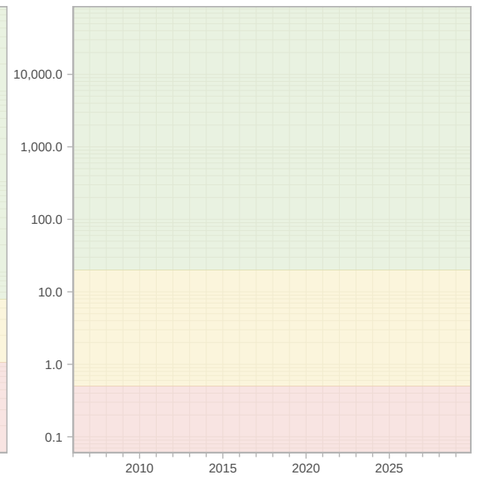
Methane



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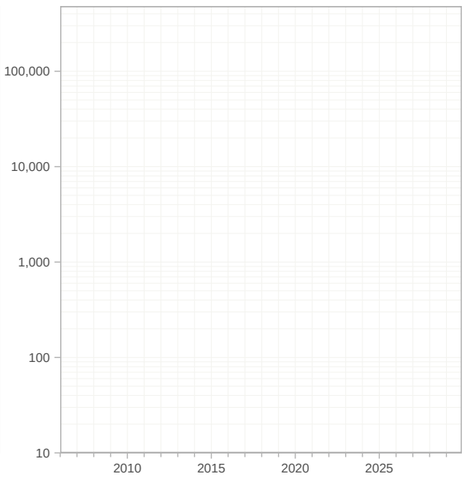
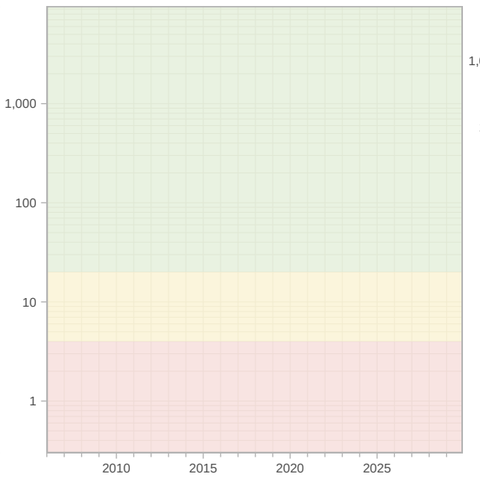
Iron − Ferrous



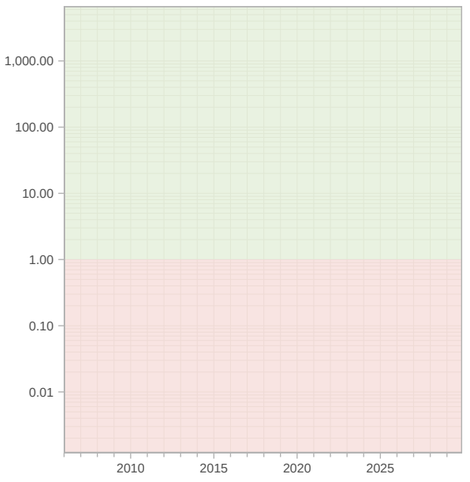
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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- Detected result
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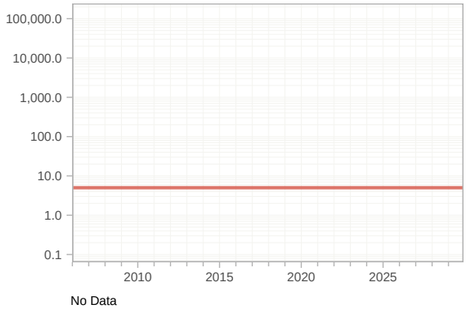
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

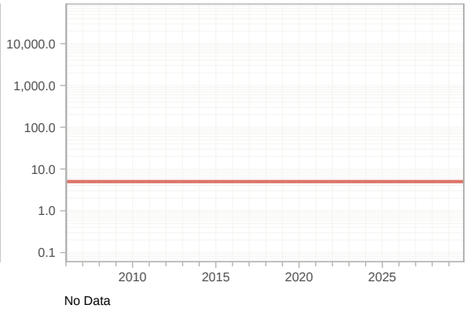
IB−3 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE)



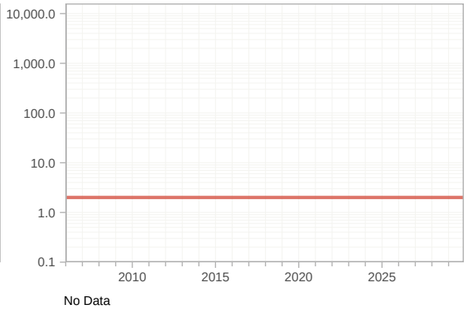
No Data

Dichloroethene (cis−1,2−)



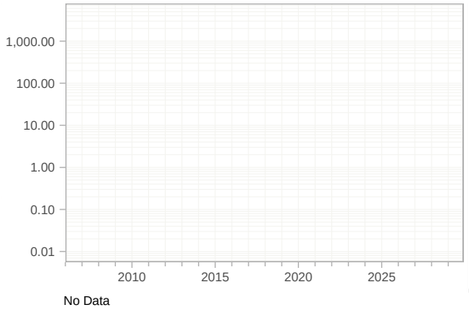
No Data

Vinyl chloride



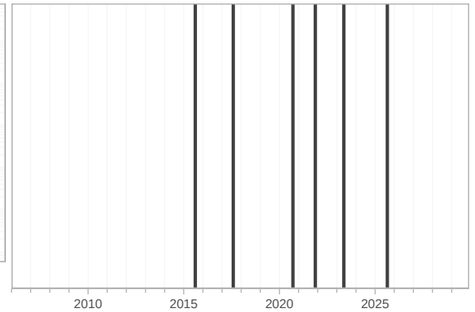
No Data

Ethane + Ethene

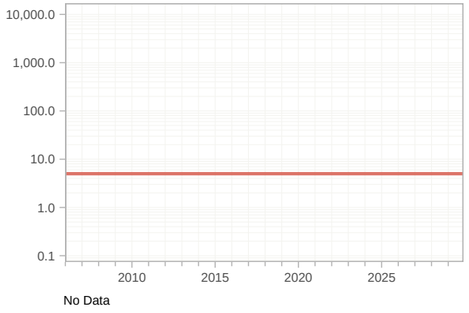


No Data

Molar Composition (%)

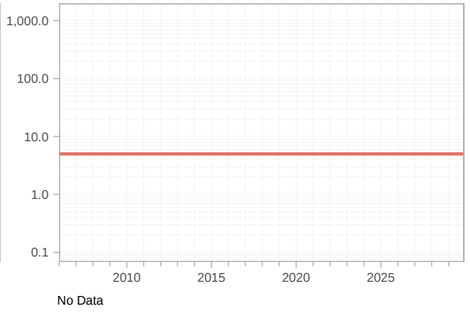


Dichloroethene (trans−1,2−)



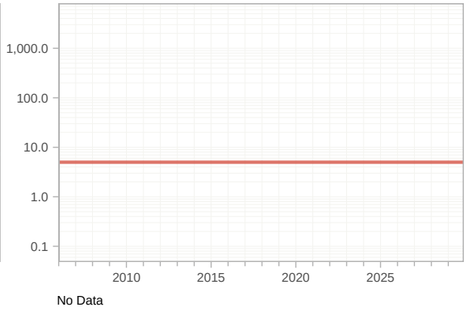
No Data

Dichloroethene (1,1−)



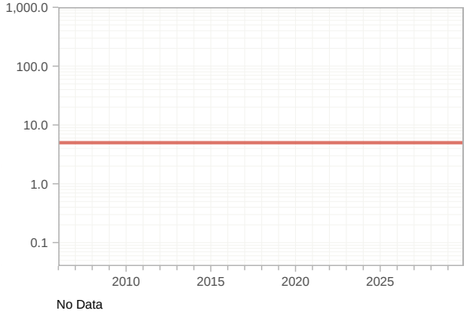
No Data

Tetrachloroethene (PCE)



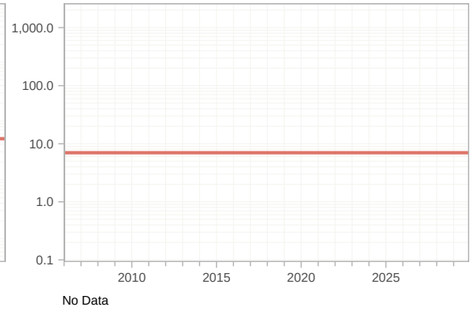
No Data

Carbon tetrachloride



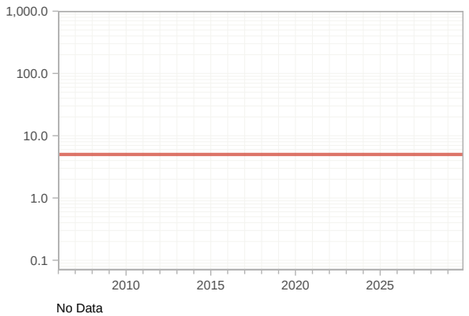
No Data

Chloroform (Trichloromethane)



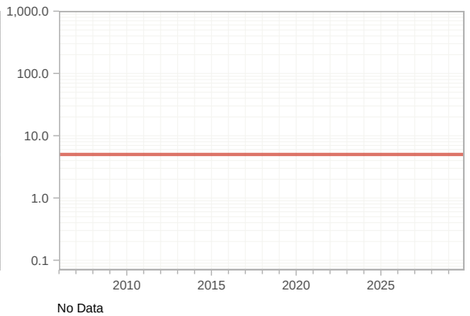
No Data

Methylene Chloride (Dichloromethane)



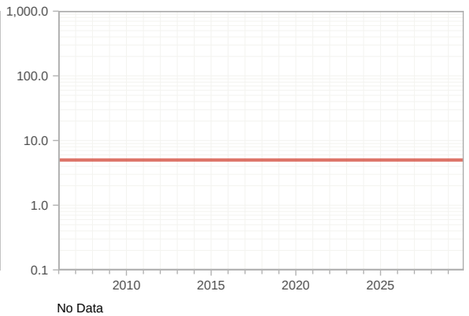
No Data

Chloromethane



No Data

Trichloroethane (1,1,1−)



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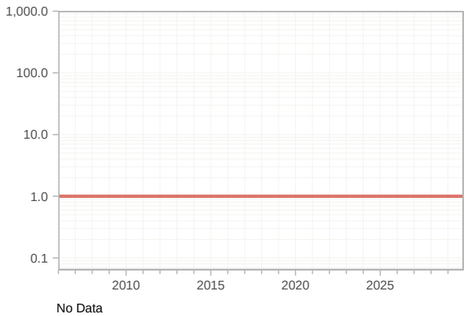
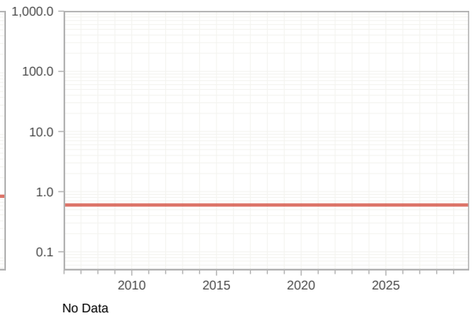
Trichloroethane (1,1,2−)



No Data

Dichloroethane (1,2−)



No Data

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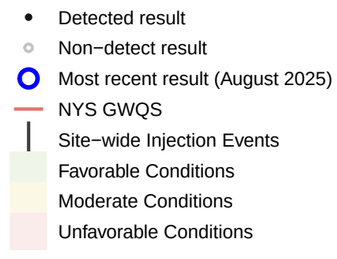

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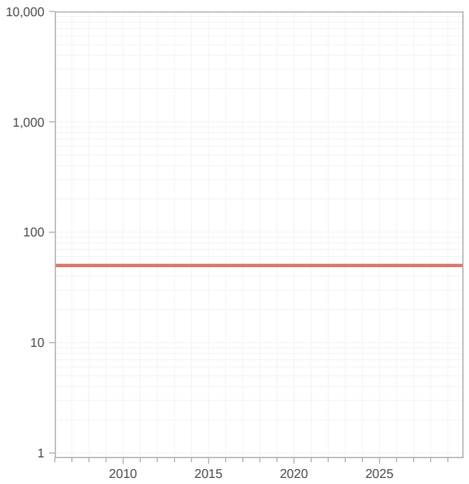
Acetone



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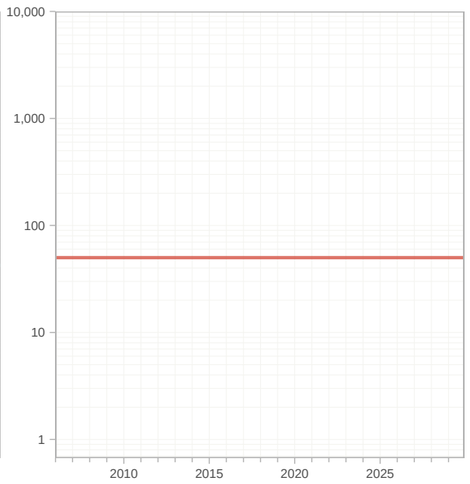
Butanone (2−) (MEK)



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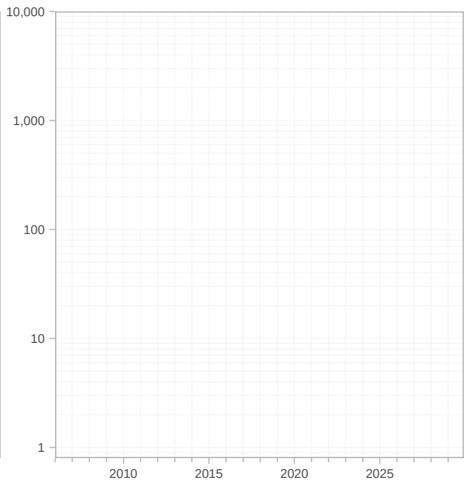
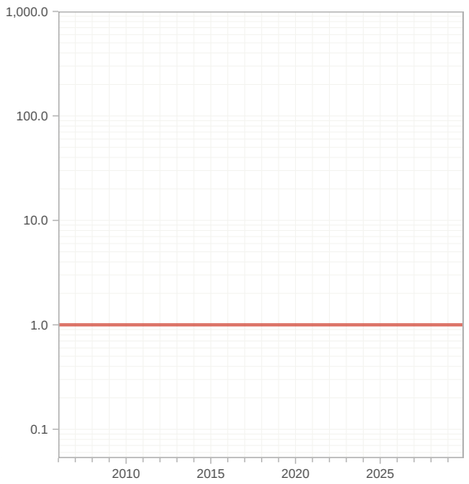
Methyl−2−pentanone (4−) (MIBK)



No Data

Benzene



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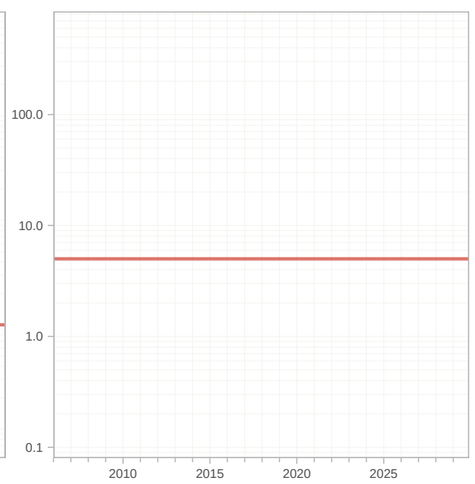
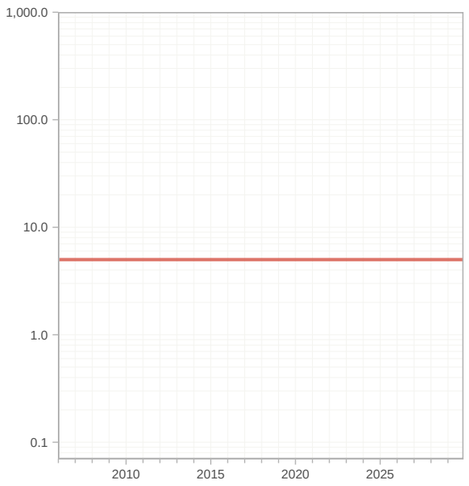
Toluene



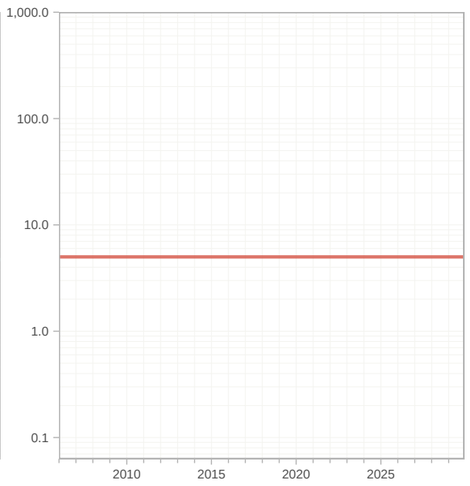
No Data

Ethylbenzene



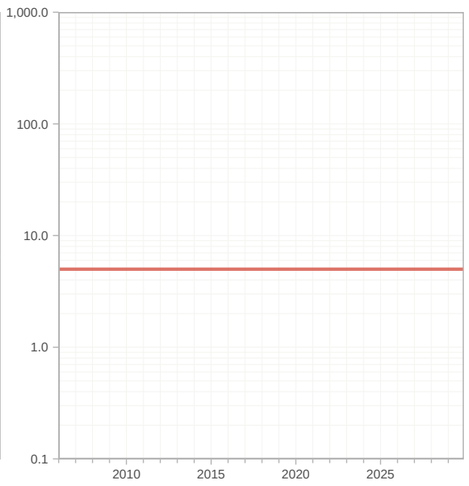
No Data

Isopropylbenzene (Cumene)



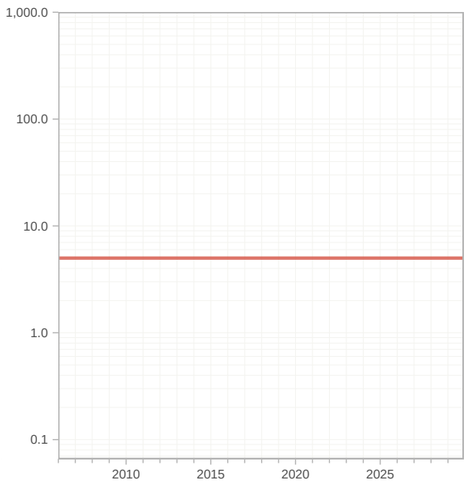
No Data

Xylene (m,p−)



No Data

Xylene (o−)



No Data

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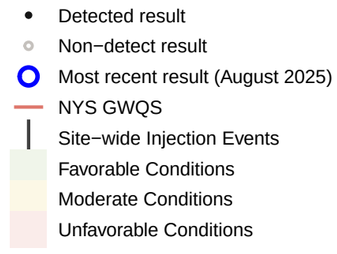

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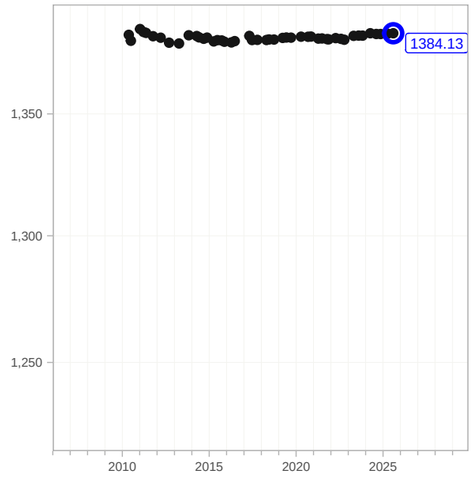
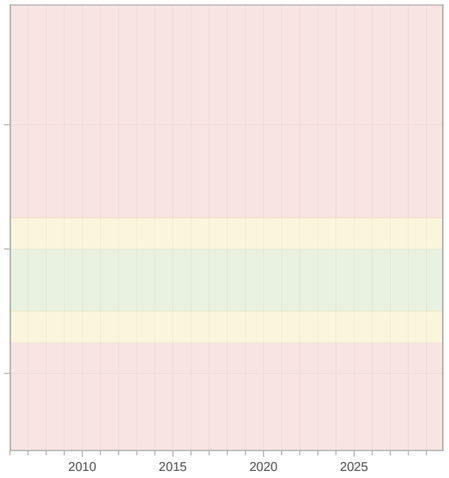
Groundwater Elevation (ft amsl)



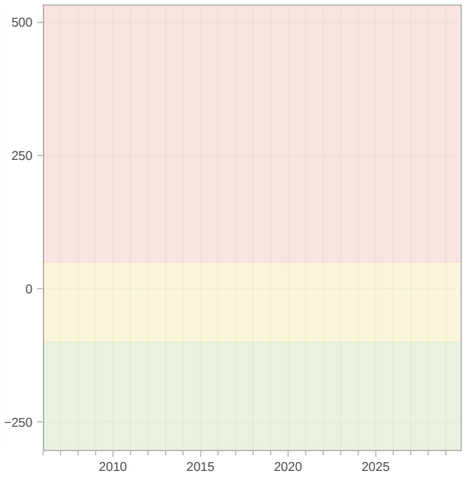
All | N = 47; ND = 0; %ND = 0; M−K = probably increasing

pH



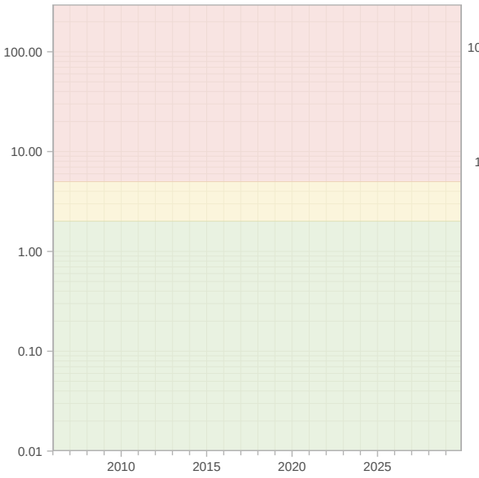
No Data

Oxidation/Reduction Potential



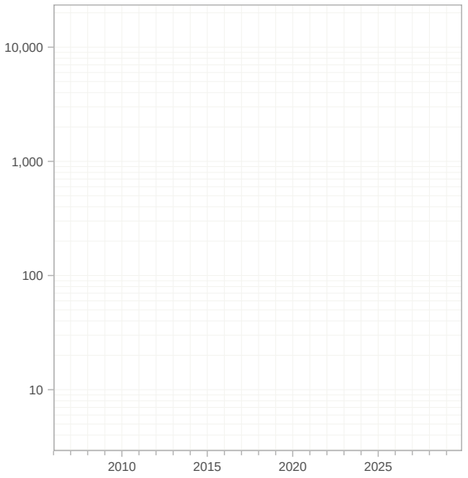
No Data

Dissolved Oxygen



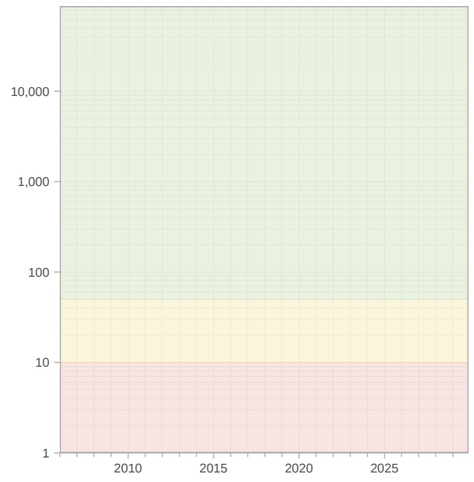
No Data

Specific Conductance



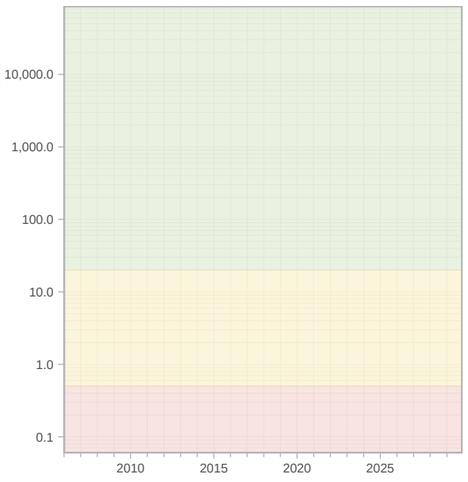
No Data

Sulfide



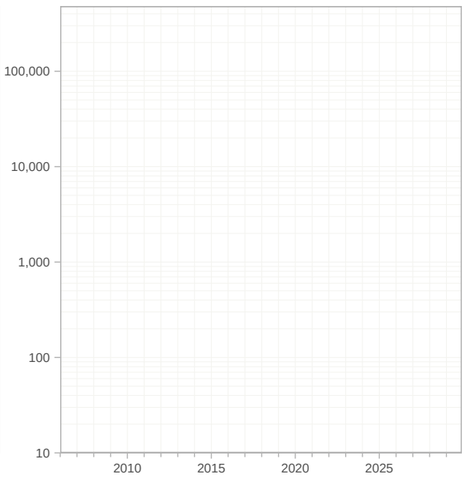
No Data

Methane



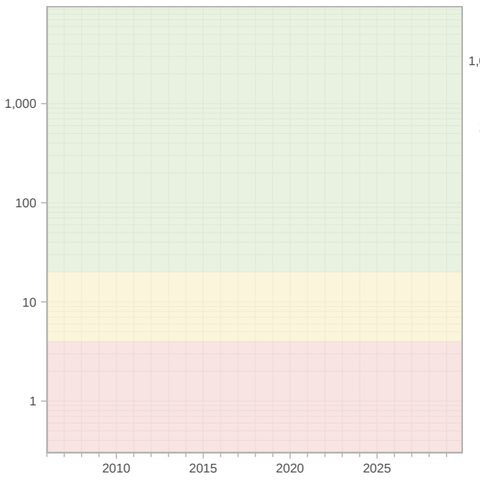
No Data

Iron − Ferrous



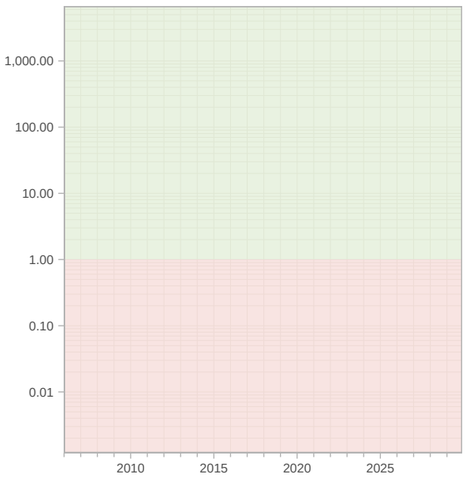
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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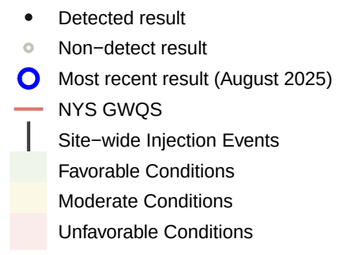

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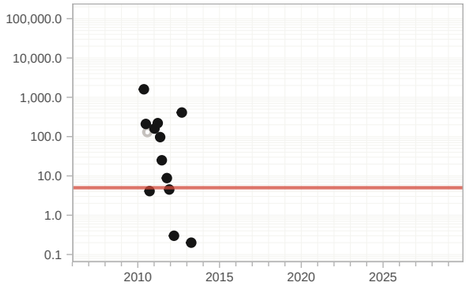
Trichloroethene (TCE) (ug/L)

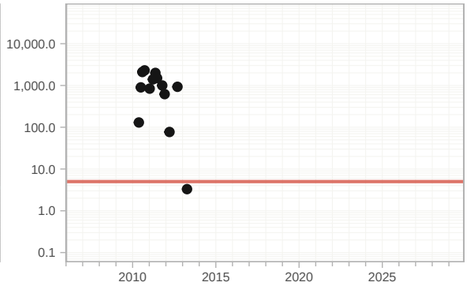
NYS GWQS = 5 ug/L



All | N = 13; ND = 1; %ND = 7.7; M−K = probably decreasing

Dichloroethene (cis−1,2−) (ug/L)

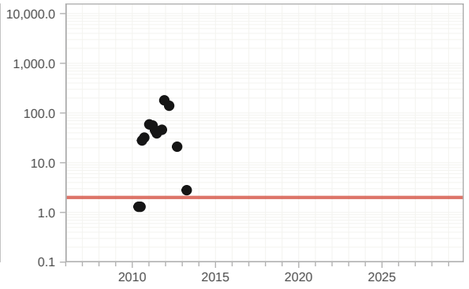
NYS GWQS = 5 ug/L



All | N = 13; ND = 0; %ND = 0; M−K = stable

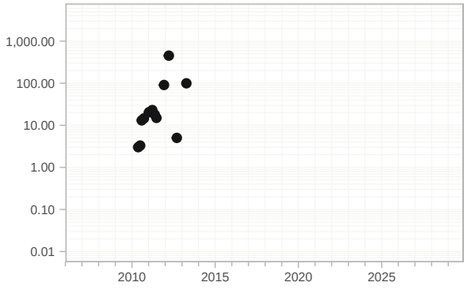
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



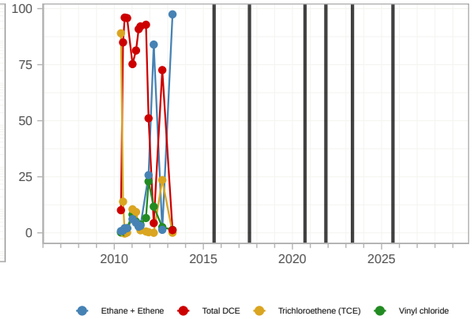
All | N = 13; ND = 0; %ND = 0; M−K = no trend

Ethane + Ethene (ug/L)



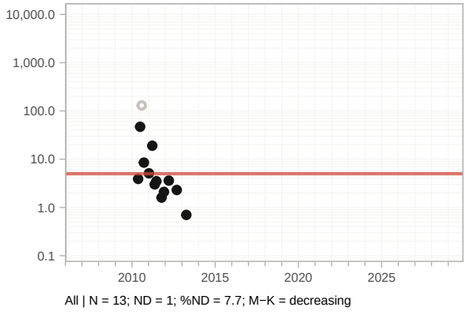
All | N = 12; ND = 0; %ND = 0; M−K = increasing

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

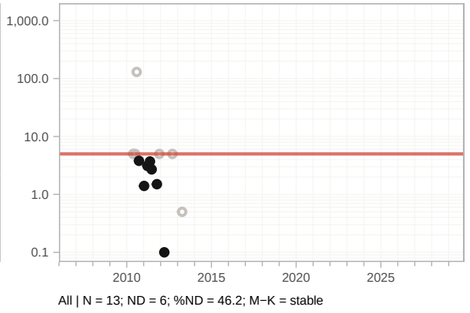
NYS GWQS = 5 ug/L



All | N = 13; ND = 1; %ND = 7.7; M−K = decreasing

Dichloroethene (1,1−) (ug/L)

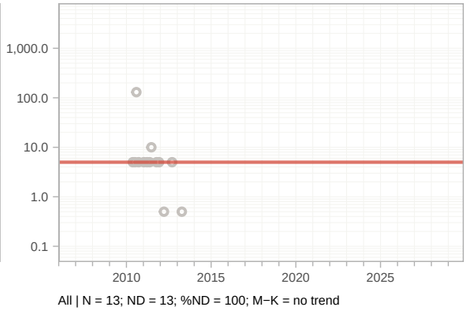
NYS GWQS = 5 ug/L



All | N = 13; ND = 6; %ND = 46.2; M−K = stable

Tetrachloroethene (PCE) (ug/L)

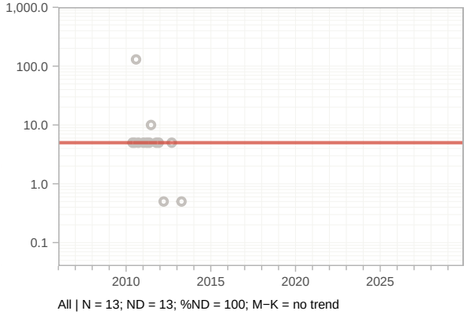
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

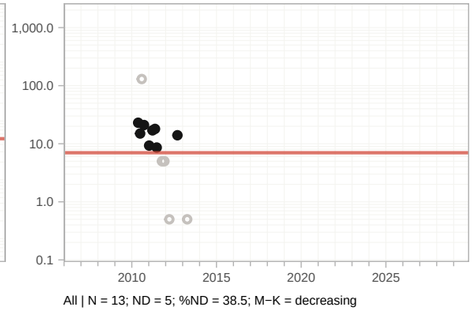
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

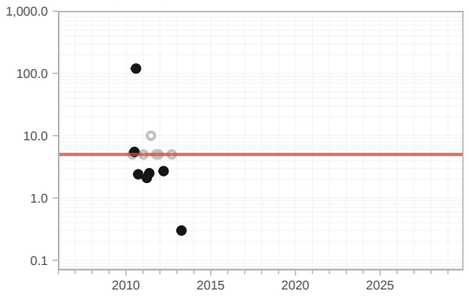
NYS GWQS = 7 ug/L



All | N = 13; ND = 5; %ND = 38.5; M−K = decreasing

Methylene Chloride (Dichloromethane) (ug/L

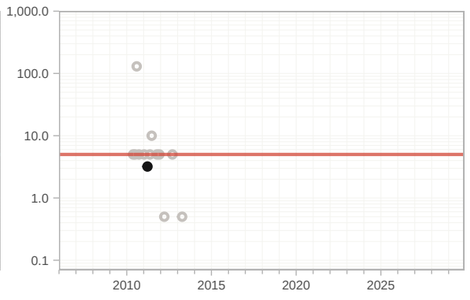
NYS GWQS = 5 ug/L



All | N = 13; ND = 6; %ND = 46.2; M−K = no trend

Chloromethane (ug/L)

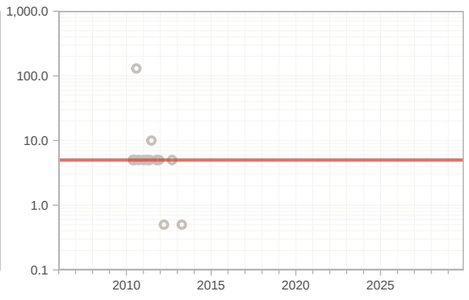
NYS GWQS = 5 ug/L



All | N = 13; ND = 12; %ND = 92.3; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

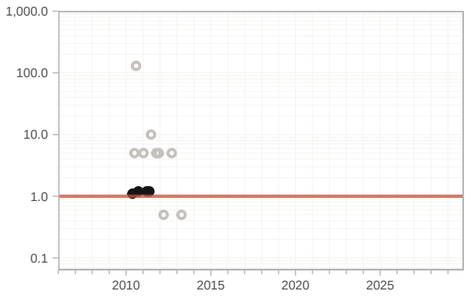
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

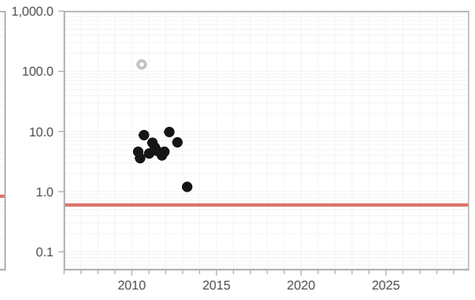
NYS GWQS = 1 ug/L



All | N = 13; ND = 9; %ND = 69.2; M−K = stable

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 13; ND = 1; %ND = 7.7; M−K = stable

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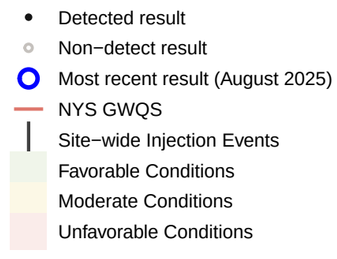
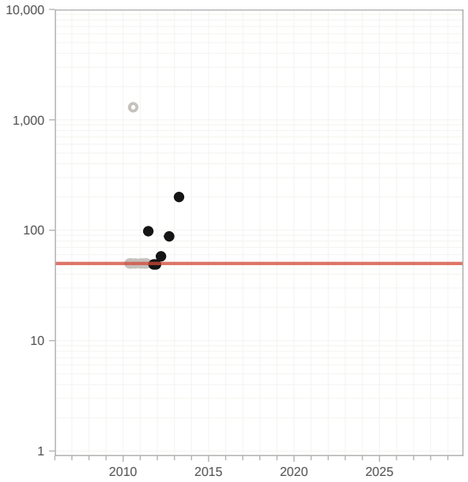


IB−4 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

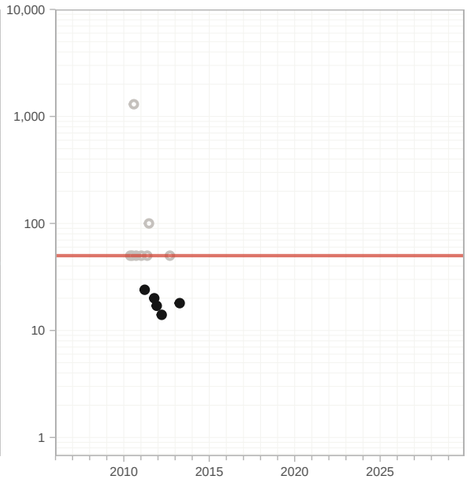
NYS GWQS = 50 ug/L



All | N = 13; ND = 7; %ND = 53.8; M−K = increasing

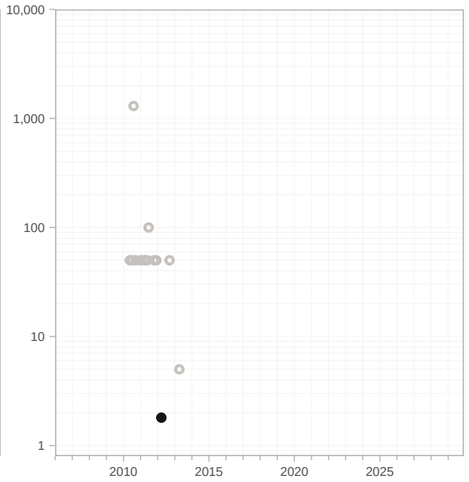
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 13; ND = 8; %ND = 61.5; M−K = stable

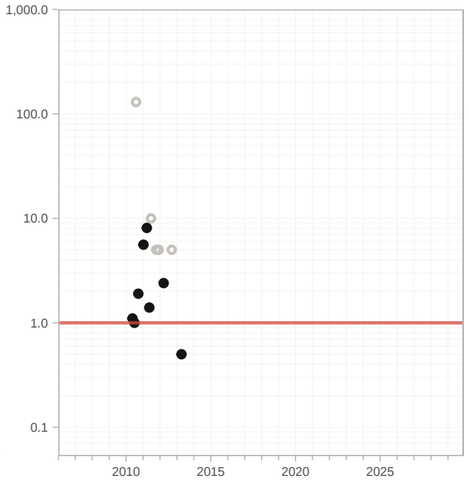
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 13; ND = 12; %ND = 92.3; M−K = no trend

Benzene (ug/L)

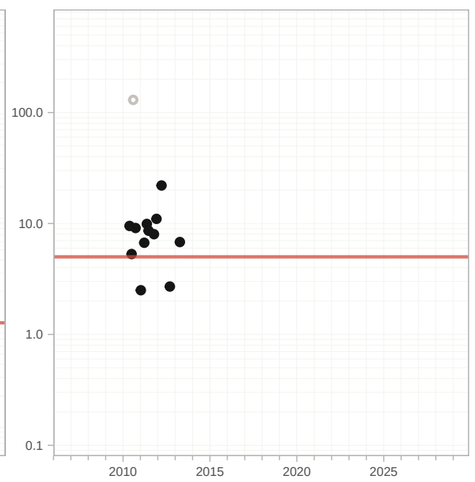
NYS GWQS = 1 ug/L



All | N = 13; ND = 5; %ND = 38.5; M−K = no trend

Toluene (ug/L)

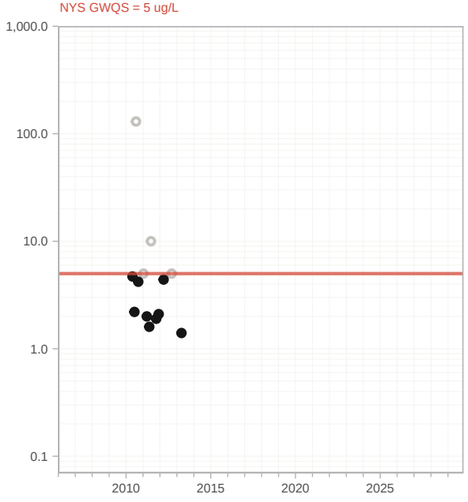
NYS GWQS = 5 ug/L



All | N = 13; ND = 1; %ND = 7.7; M−K = stable

Ethylbenzene (ug/L)

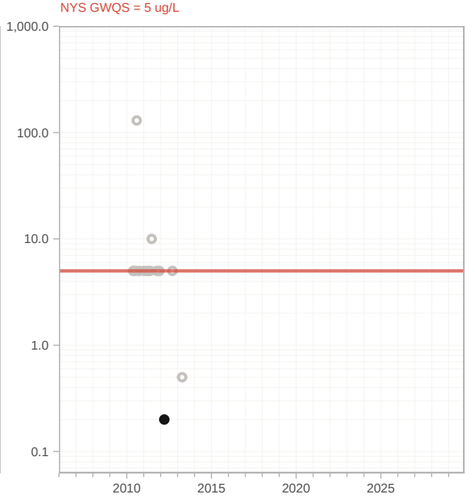
NYS GWQS = 5 ug/L



All | N = 13; ND = 4; %ND = 30.8; M−K = stable

Isopropylbenzene (Cumene) (ug/L)

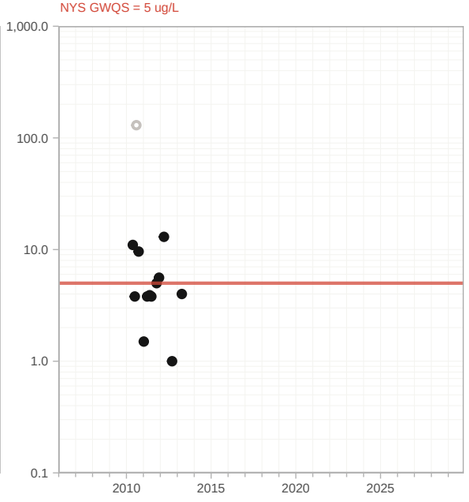
NYS GWQS = 5 ug/L



All | N = 13; ND = 12; %ND = 92.3; M−K = no trend

Xylene (m,p−) (ug/L)

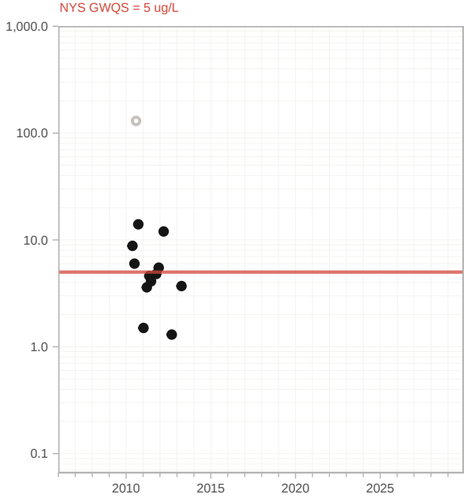
NYS GWQS = 5 ug/L



All | N = 13; ND = 1; %ND = 7.7; M−K = stable

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 13; ND = 1; %ND = 7.7; M−K = stable

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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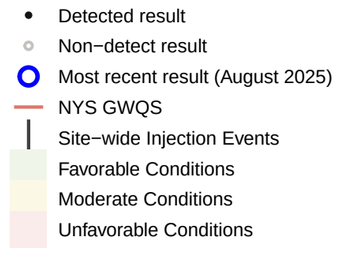
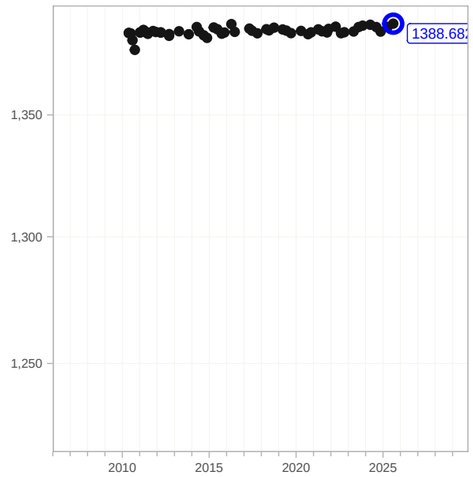


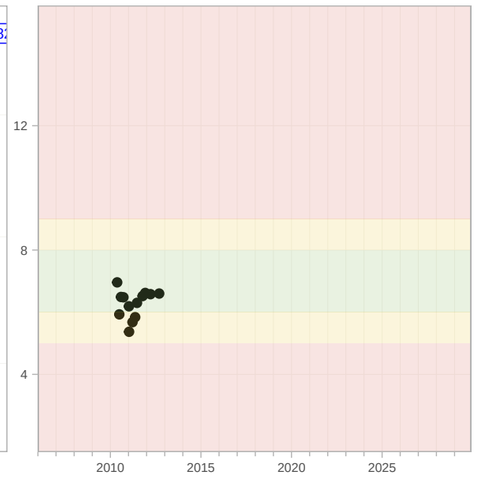
IB−4 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



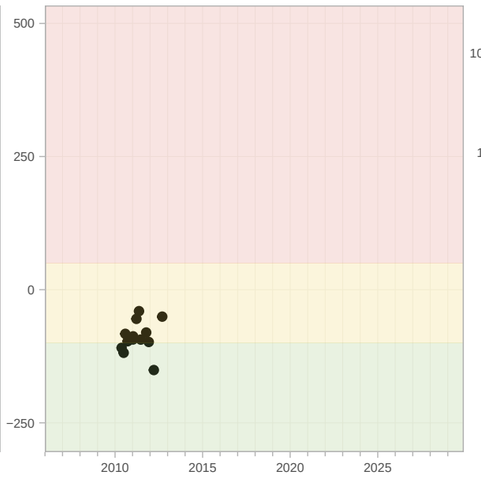
All | N = 57; ND = 0; %ND = 0; M−K = strong increasing

pH (SU)



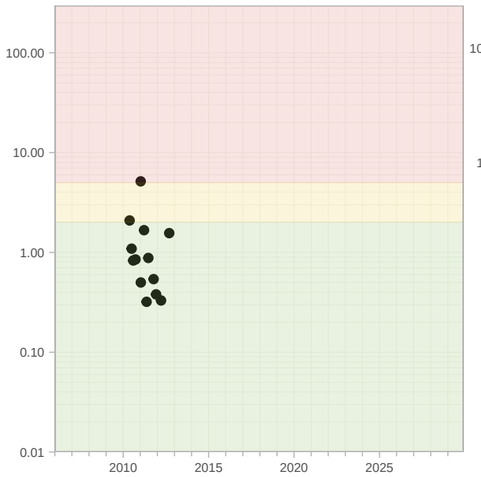
All | N = 13; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



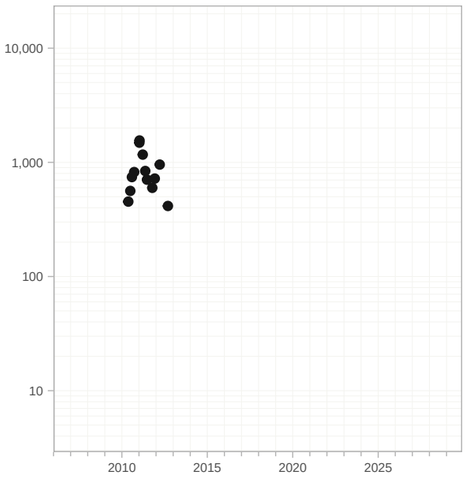
All | N = 13; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



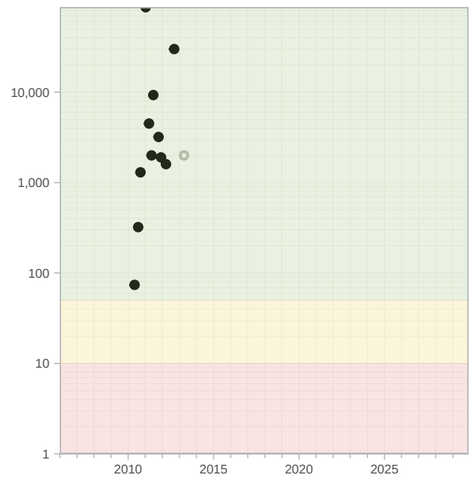
All | N = 13; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



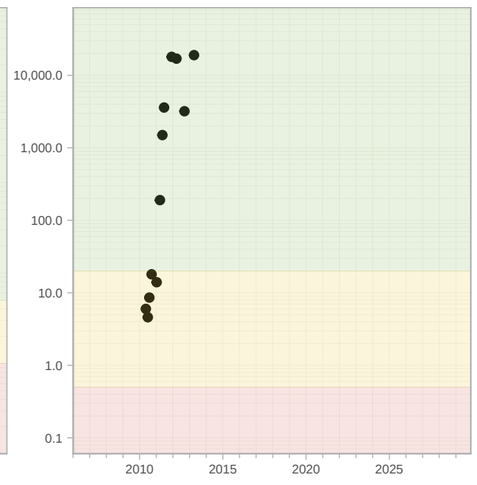
All | N = 13; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



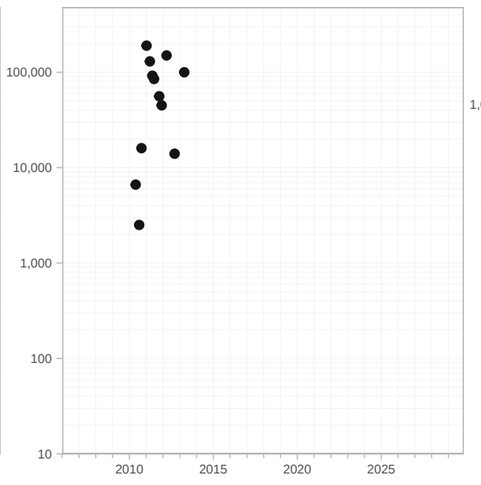
All | N = 12; ND = 1; %ND = 8.3; M−K = no trend

Methane (ug/L)



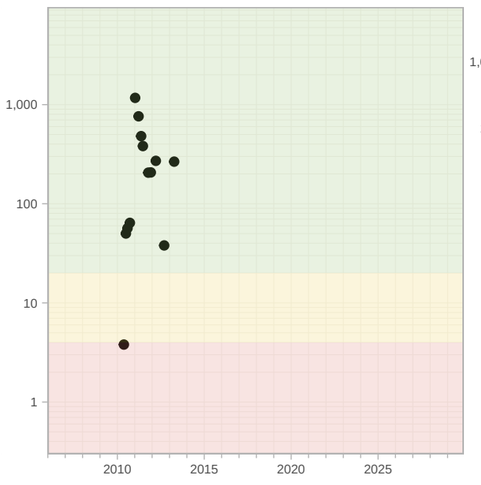
All | N = 12; ND = 0; %ND = 0; M−K = strong increasing

Iron − Ferrous (ug/L)



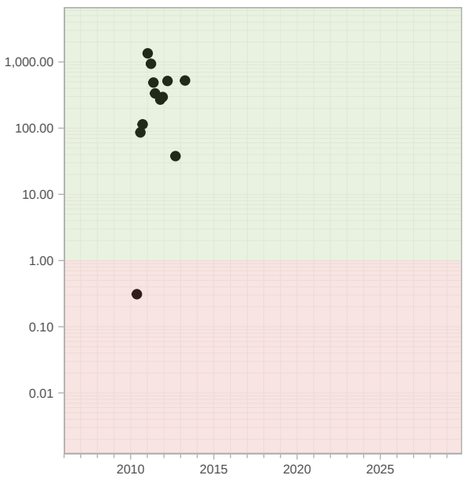
All | N = 12; ND = 0; %ND = 0; M−K = stable

Total Organic Carbon (mg/L)



All | N = 13; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 12; ND = 0; %ND = 0; M−K = stable

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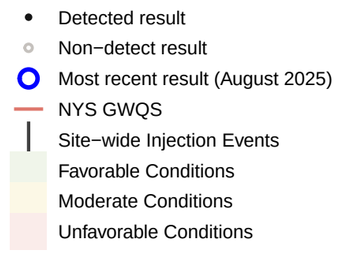

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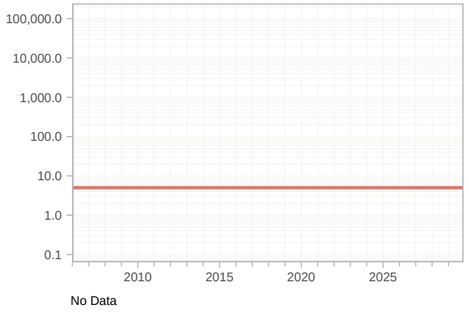
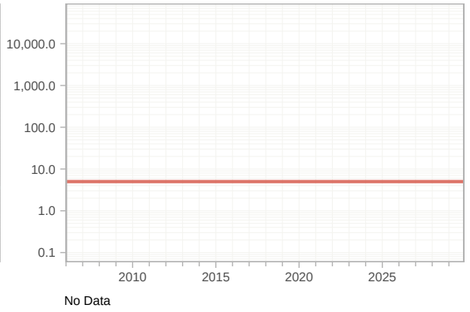
Trichloroethene (TCE)



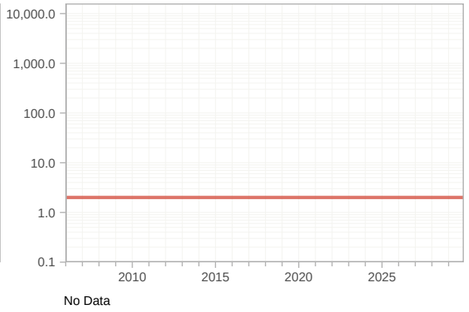
No Data

Dichloroethene (cis−1,2−)



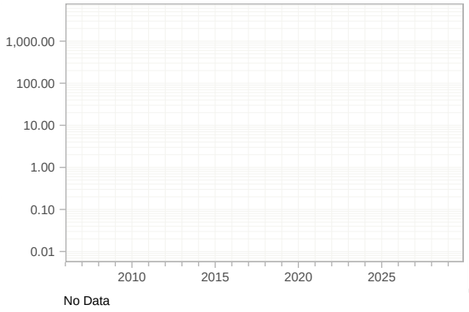
No Data

Vinyl chloride



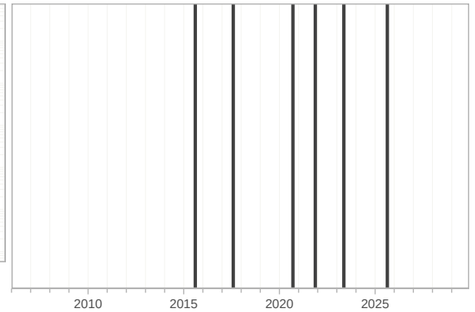
No Data

Ethane + Ethene

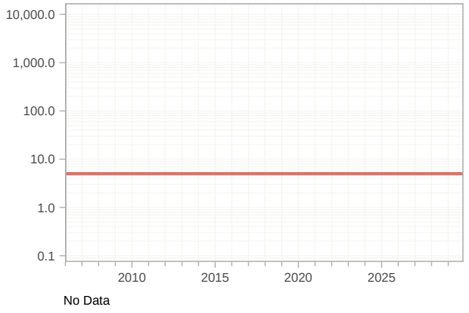


No Data

Molar Composition (%)

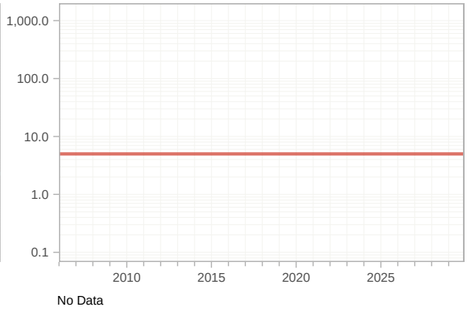


Dichloroethene (trans−1,2−)



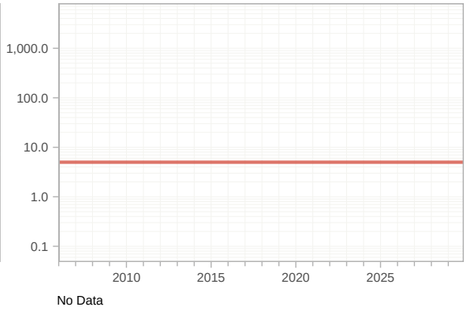
No Data

Dichloroethene (1,1−)



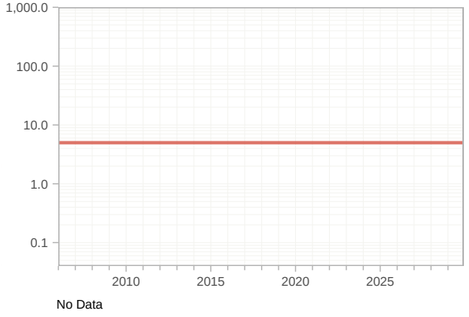
No Data

Tetrachloroethene (PCE)



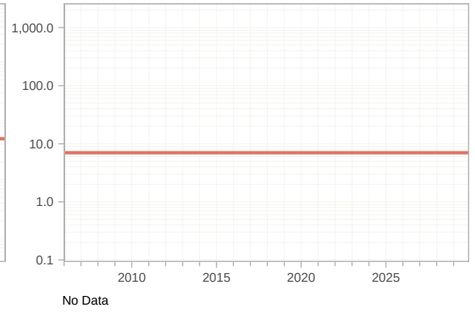
No Data

Carbon tetrachloride



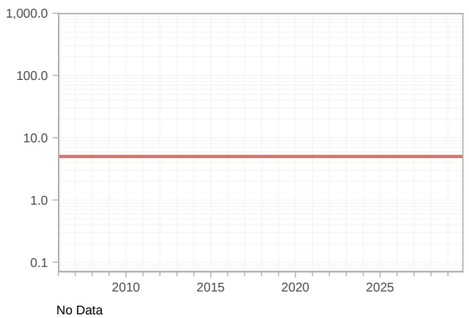
No Data

Chloroform (Trichloromethane)



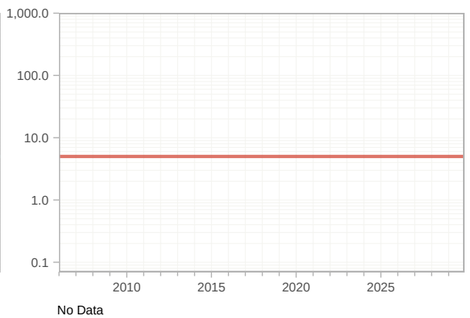
No Data

Methylene Chloride (Dichloromethane)



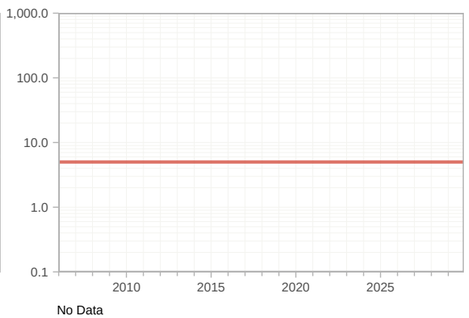
No Data

Chloromethane



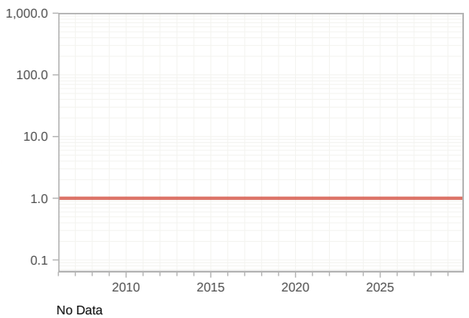
No Data

Trichloroethane (1,1,1−)



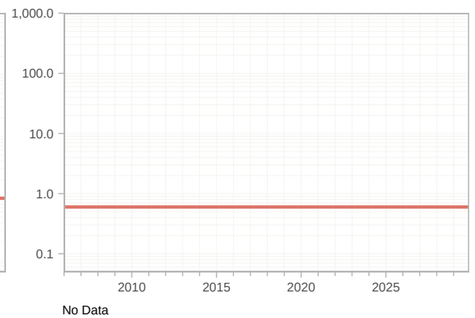
No Data

Trichloroethane (1,1,2−)



No Data

Dichloroethane (1,2−)



No Data

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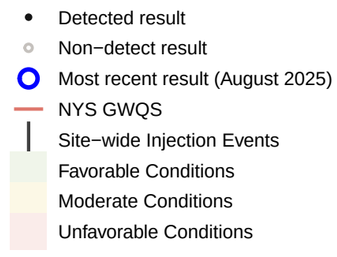
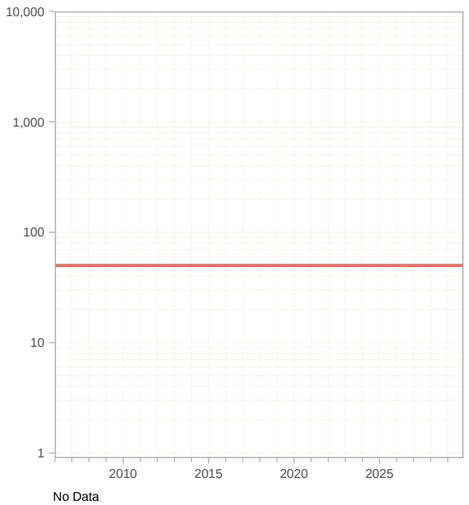


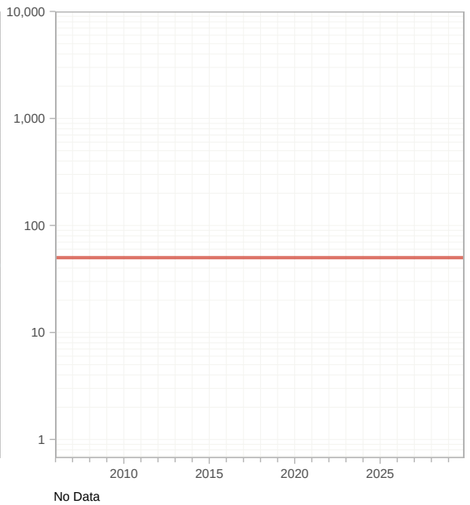
IB−5 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone



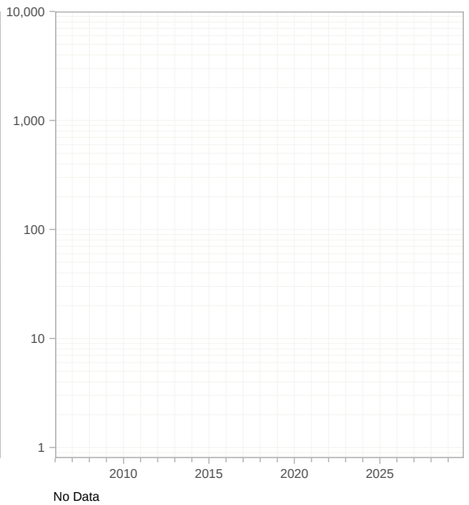
No Data

Butanone (2−) (MEK)



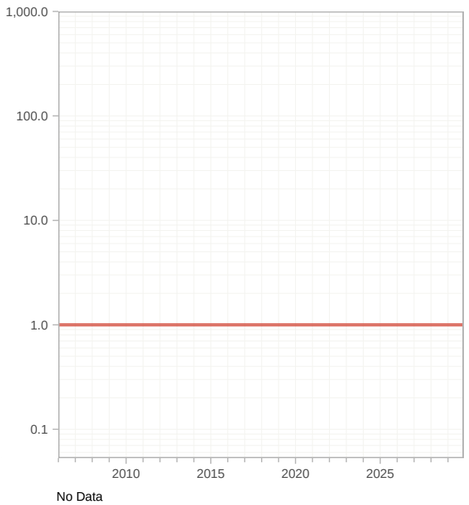
No Data

Methyl−2−pentanone (4−) (MIBK)



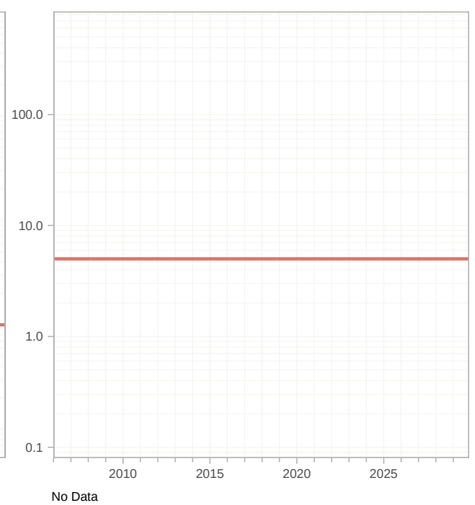
No Data

Benzene



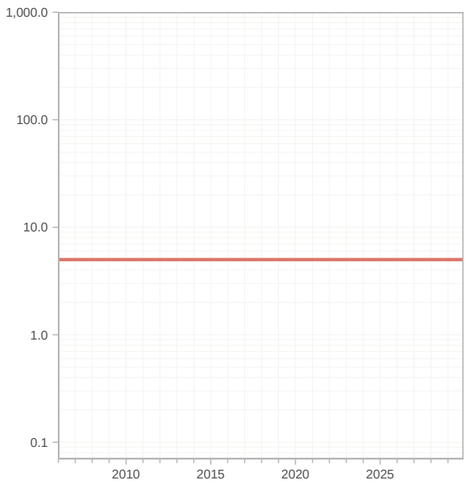
No Data

Toluene



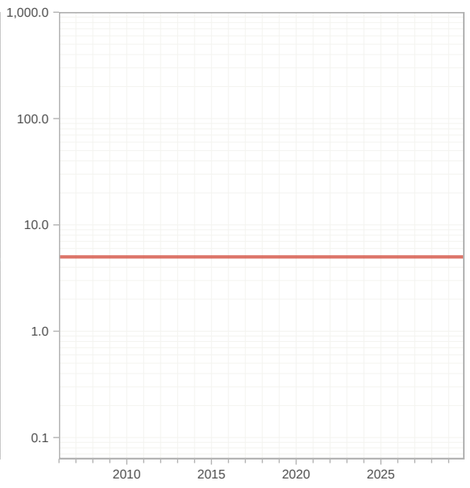
No Data

Ethylbenzene



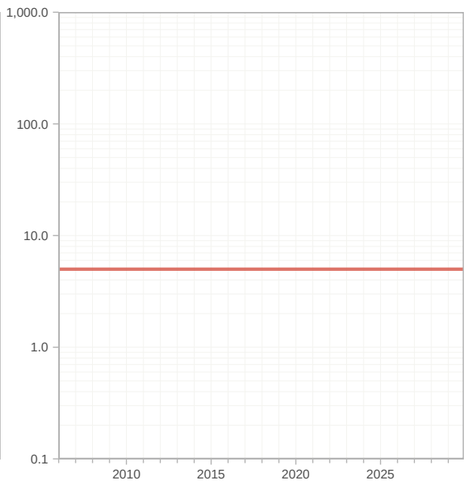
No Data

Isopropylbenzene (Cumene)



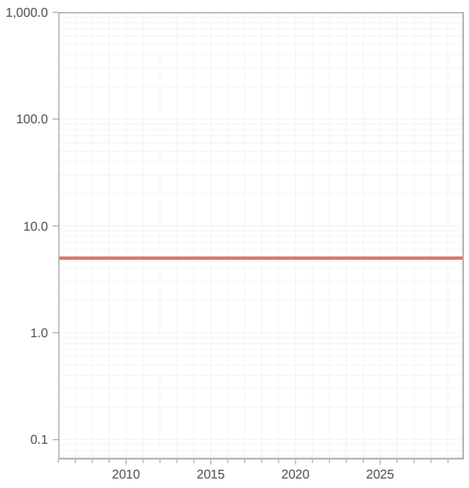
No Data

Xylene (m,p−)



No Data

Xylene (o−)



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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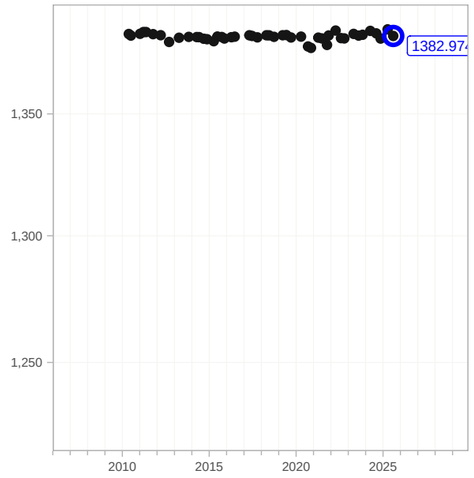
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

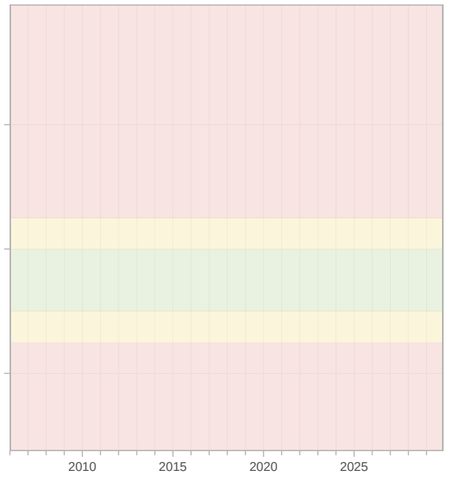
IB−5 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



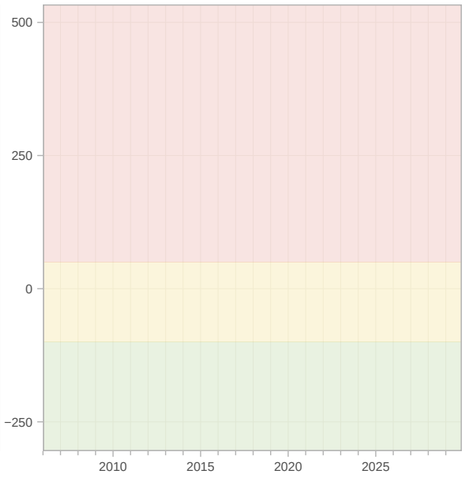
All | N = 47; ND = 0; %ND = 0; M−K = stable

pH



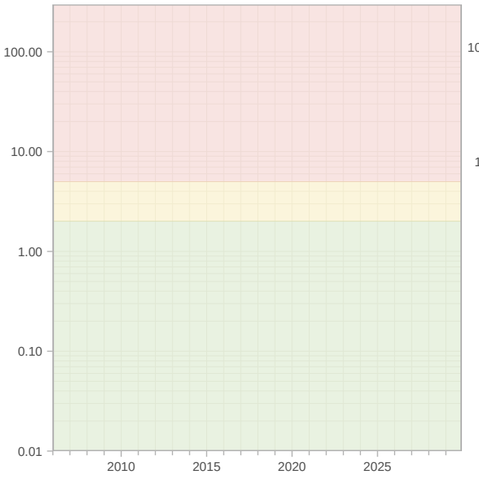
No Data

Oxidation/Reduction Potential



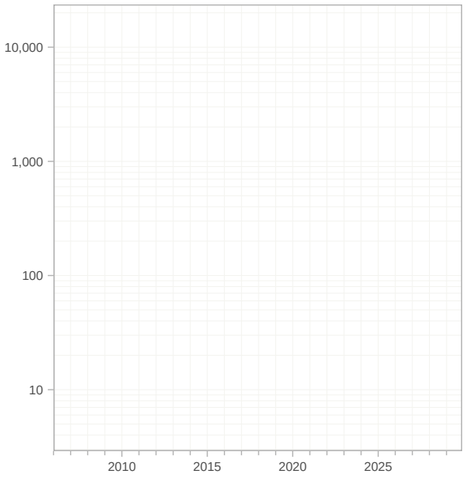
No Data

Dissolved Oxygen



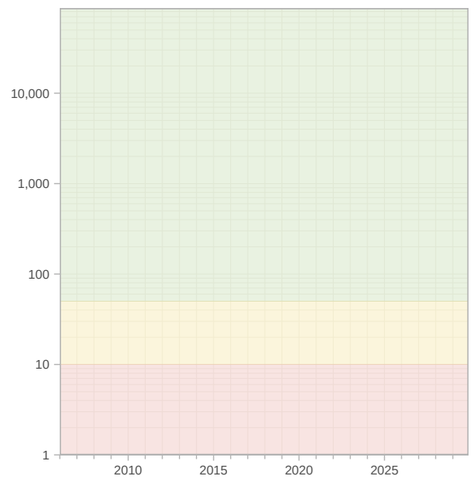
No Data

Specific Conductance



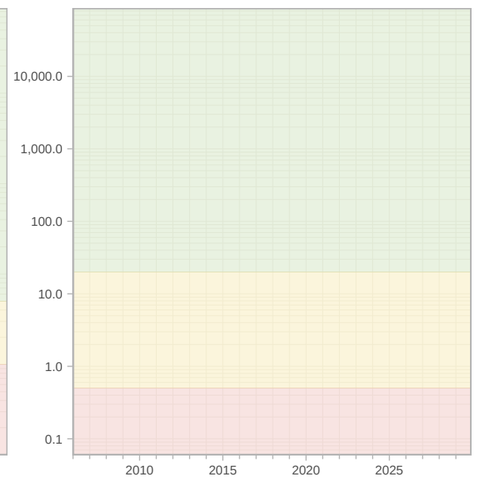
No Data

Sulfide



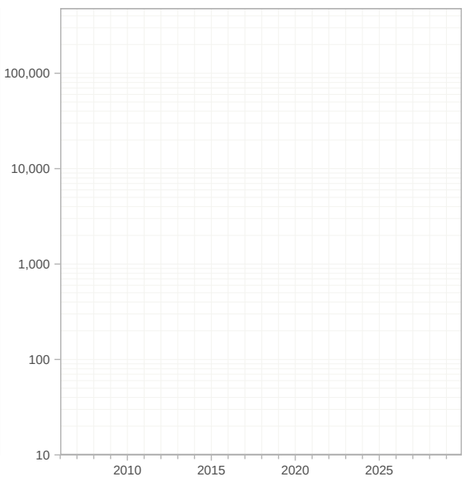
No Data

Methane



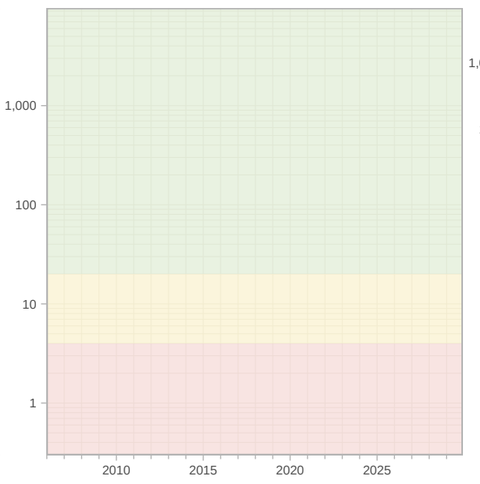
No Data

Iron − Ferrous



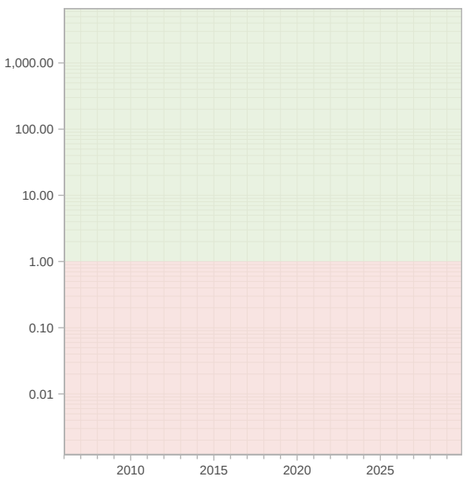
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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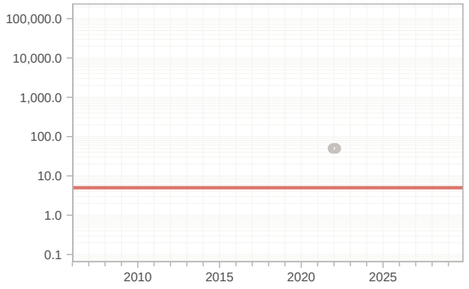
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

IB−6 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE) (ug/L)

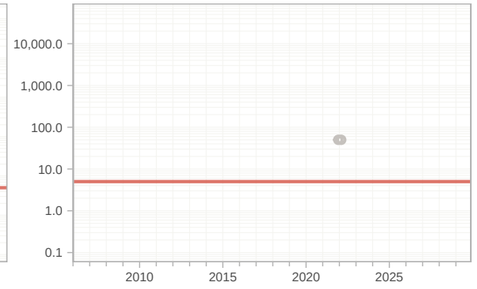
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

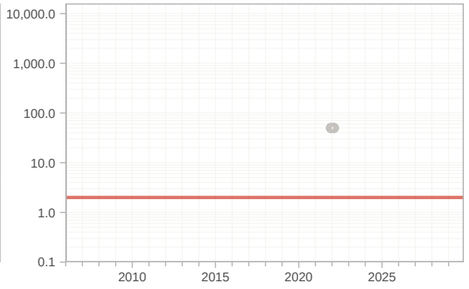
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

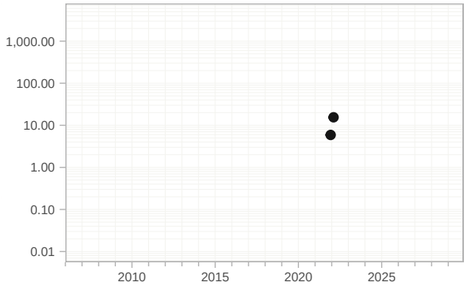
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



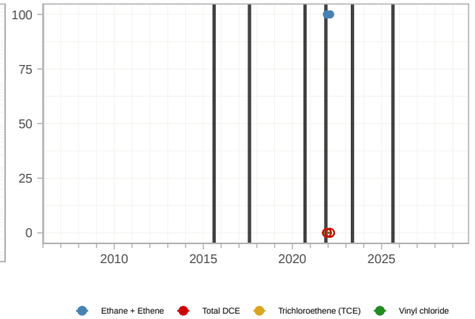
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Ethane + Ethene (ug/L)



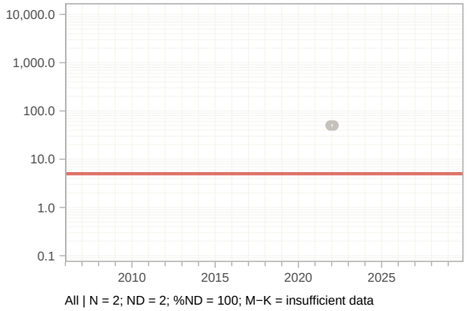
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

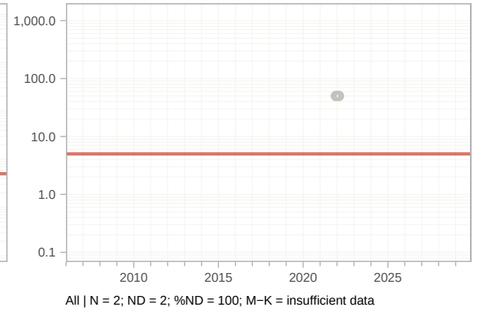
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

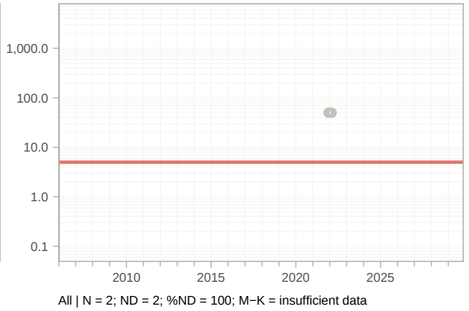
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

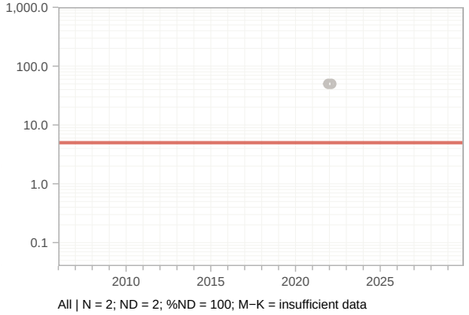
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

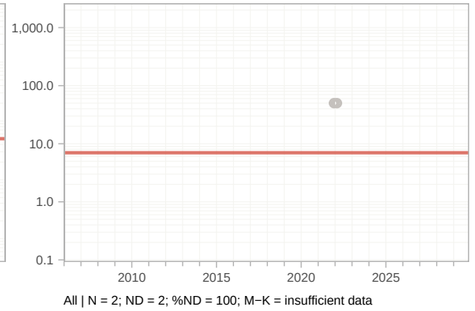
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

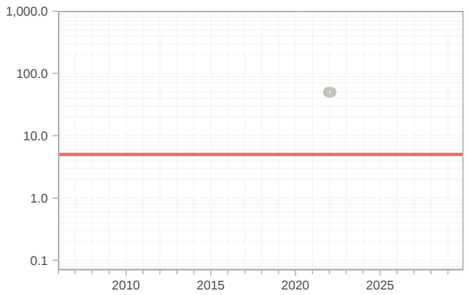
NYS GWQS = 7 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

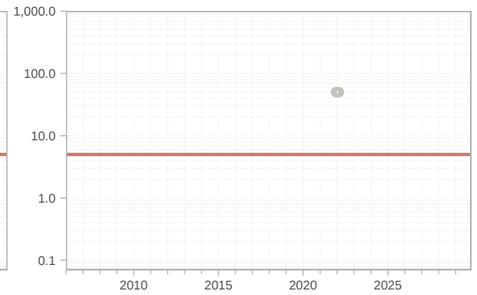
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

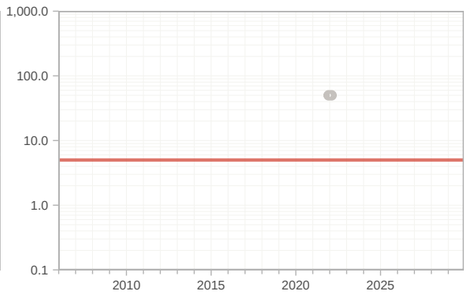
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

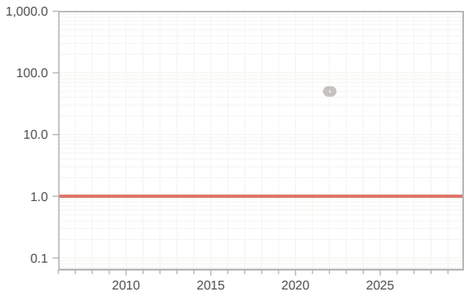
NYS GWQS = 5 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

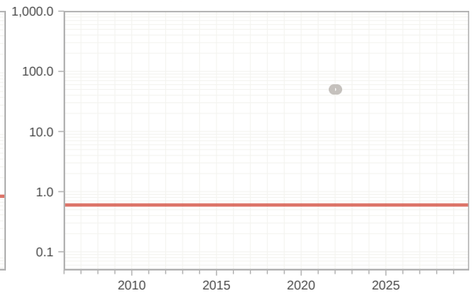
NYS GWQS = 1 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

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- Detected result
- Non−detect result
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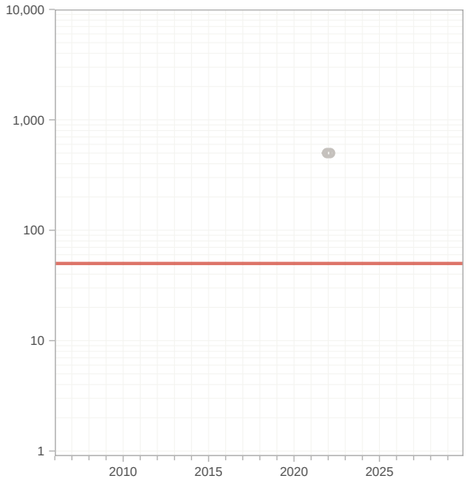
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

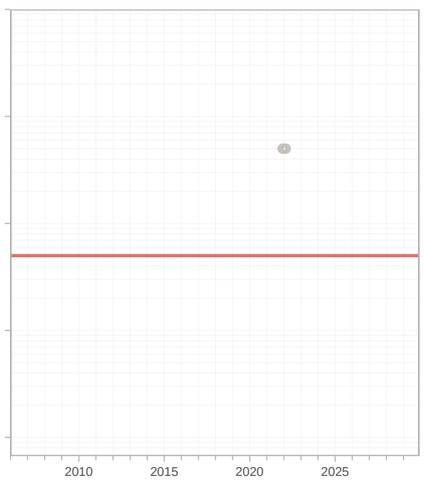
IB−6 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)



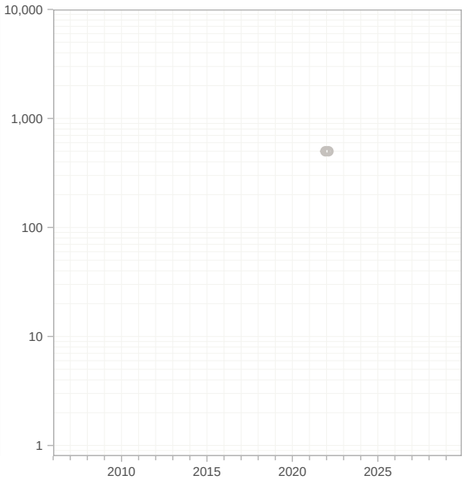
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



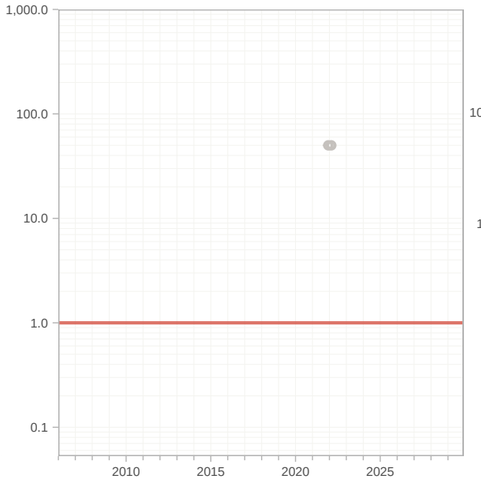
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



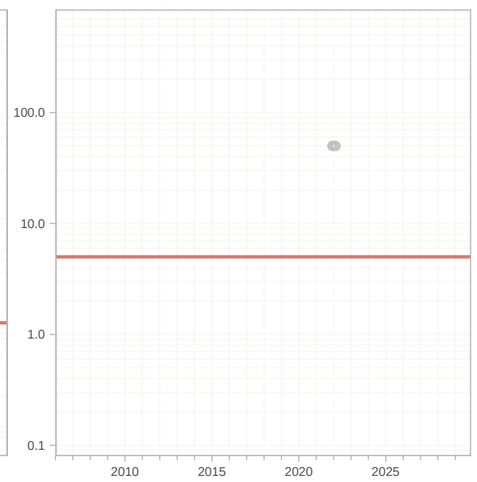
All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Benzene (ug/L)



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Toluene (ug/L)



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Ethylbenzene (ug/L)

All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)

All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)

All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Xylene (o−) (ug/L)

All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

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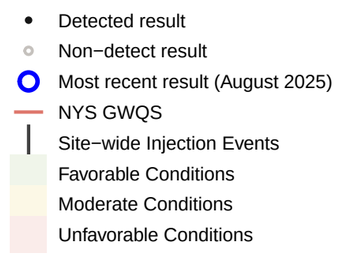
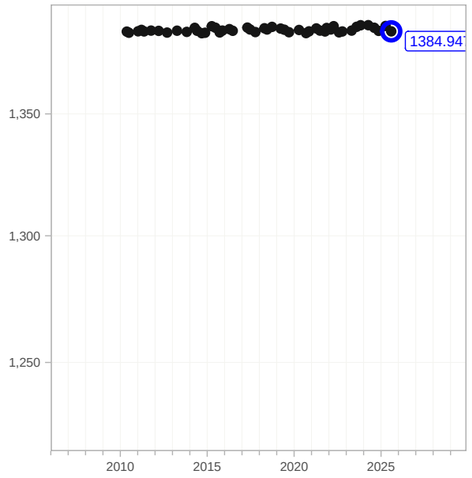


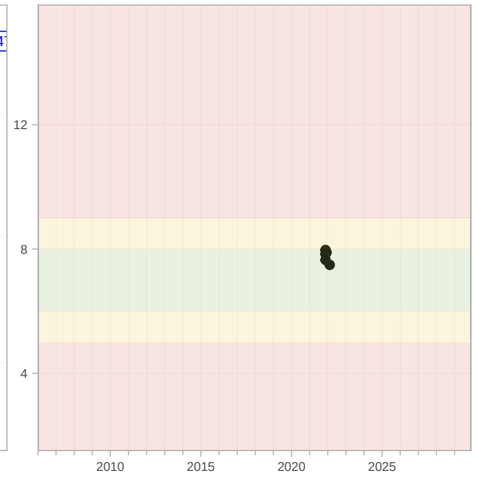
IB−6 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



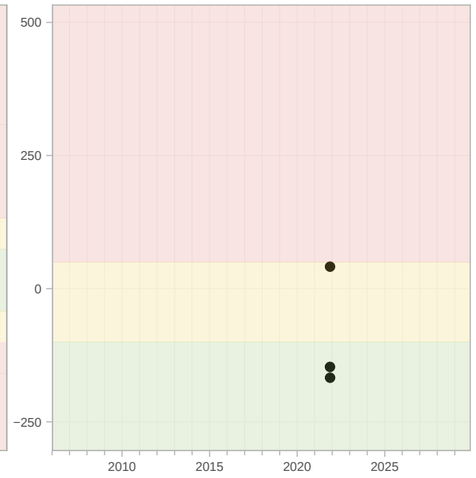
All | N = 48; ND = 0; %ND = 0; M−K = increasing

pH (SU)



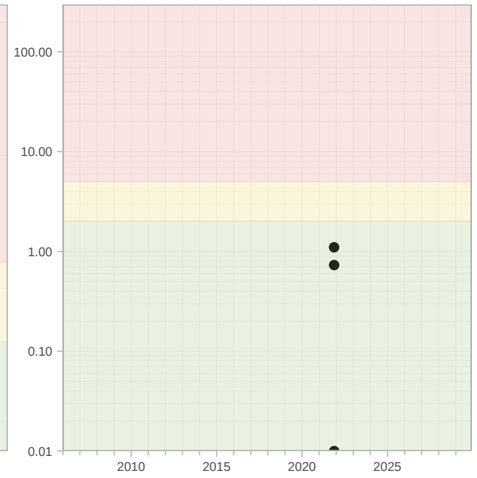
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



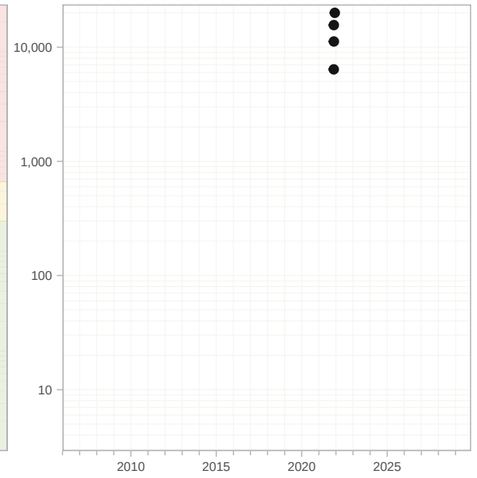
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



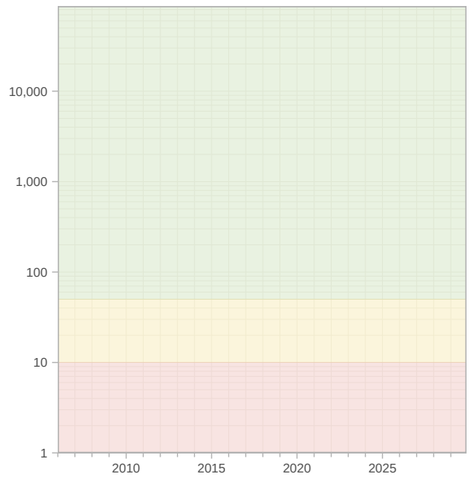
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



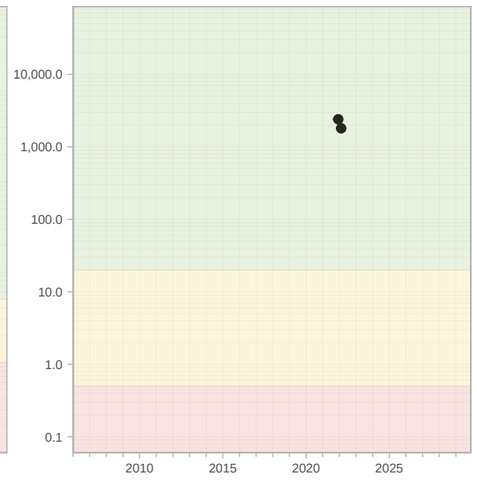
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



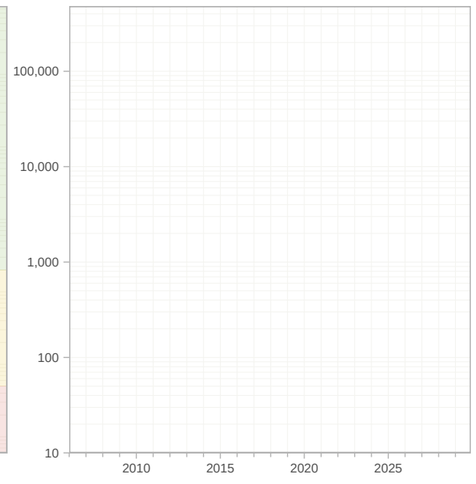
No Data

Methane (ug/L)



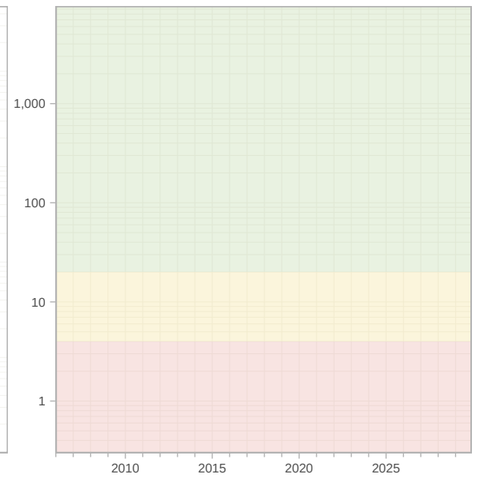
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



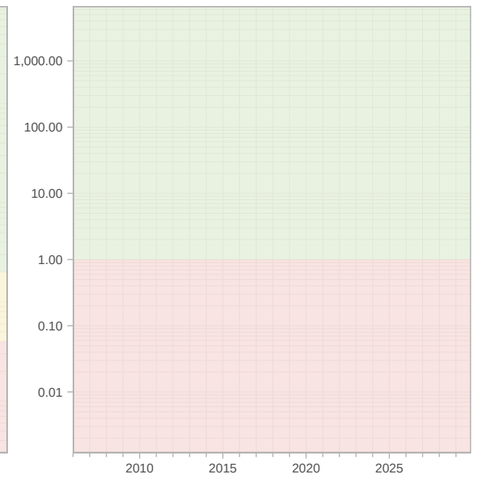
No Data

Total Organic Carbon



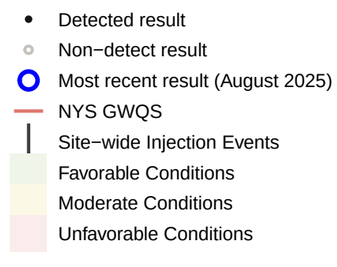
No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



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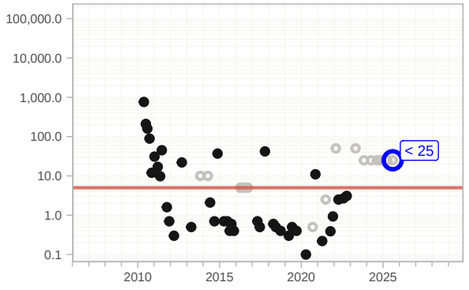
Trichloroethene (TCE) (ug/L)

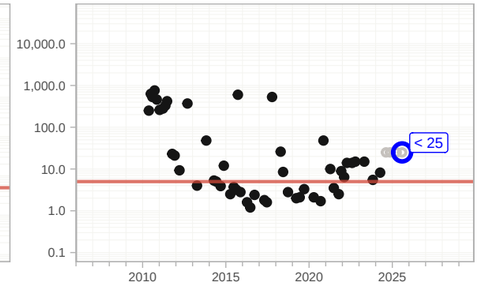
NYS GWQS = 5 ug/L



All | N = 54; ND = 15; %ND = 27.8; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

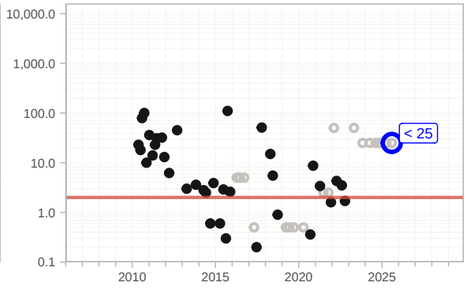
NYS GWQS = 5 ug/L



All | N = 54; ND = 4; %ND = 7.4; M−K = strong decreasing

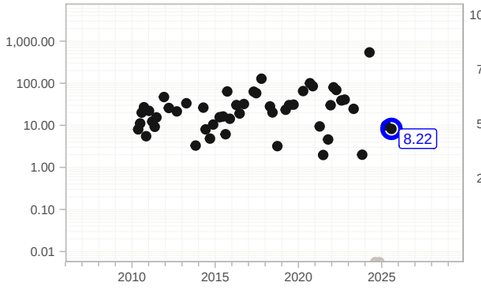
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



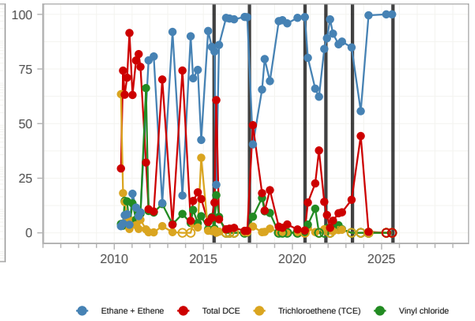
All | N = 54; ND = 18; %ND = 33.3; M−K = strong decreasing

Ethane + Ethene (ug/L)



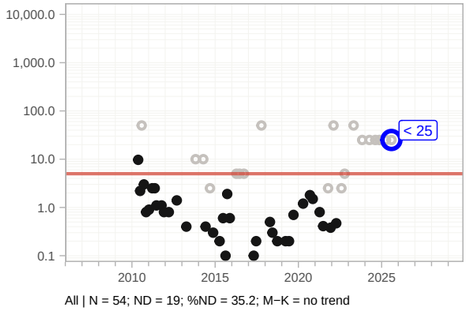
All | N = 53; ND = 2; %ND = 3.8; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

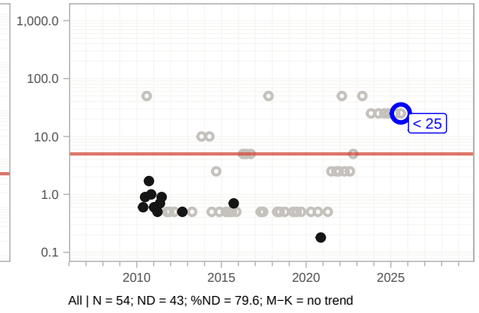
NYS GWQS = 5 ug/L



All | N = 54; ND = 19; %ND = 35.2; M−K = no trend

Dichloroethene (1,1−) (ug/L)

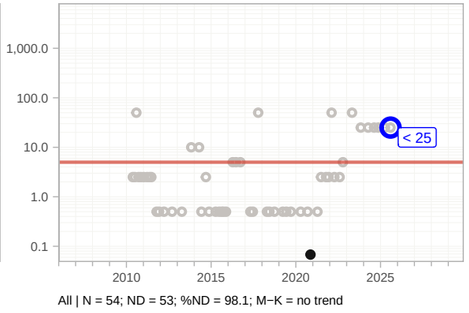
NYS GWQS = 5 ug/L



All | N = 54; ND = 43; %ND = 79.6; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

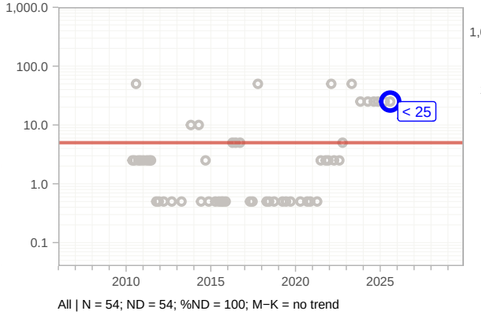
NYS GWQS = 5 ug/L



All | N = 54; ND = 53; %ND = 98.1; M−K = no trend

Carbon tetrachloride (ug/L)

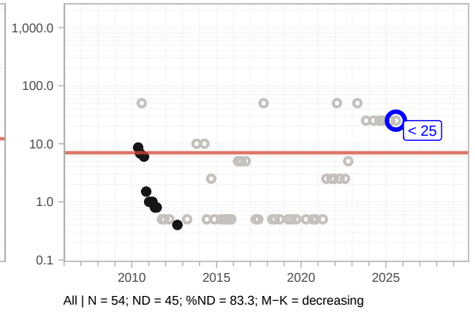
NYS GWQS = 5 ug/L



All | N = 54; ND = 54; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

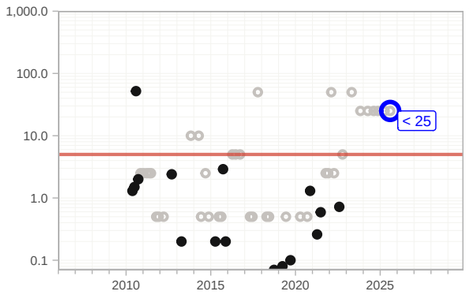
NYS GWQS = 7 ug/L



All | N = 54; ND = 45; %ND = 83.3; M−K = decreasing

Methylene Chloride (Dichloromethane) (ug/L

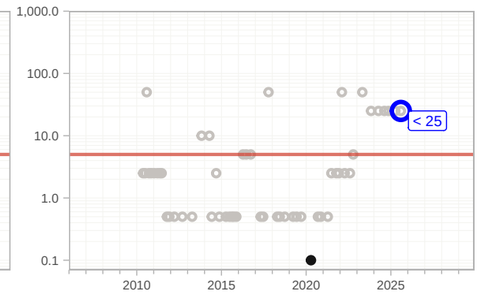
NYS GWQS = 5 ug/L



All | N = 54; ND = 38; %ND = 70.4; M−K = no trend

Chloromethane (ug/L)

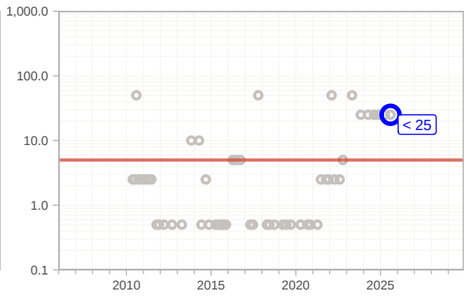
NYS GWQS = 5 ug/L



All | N = 54; ND = 53; %ND = 98.1; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

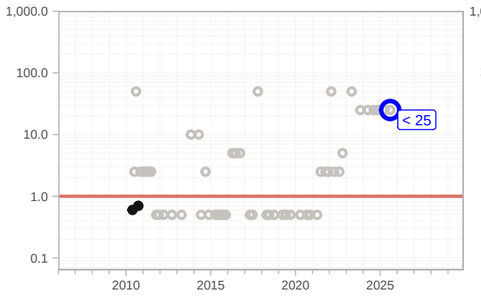
NYS GWQS = 5 ug/L



All | N = 54; ND = 54; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

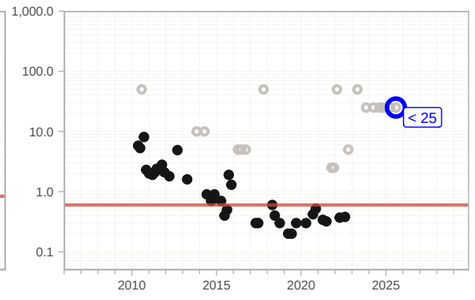
NYS GWQS = 1 ug/L



All | N = 54; ND = 52; %ND = 96.3; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 54; ND = 18; %ND = 33.3; M−K = strong decreasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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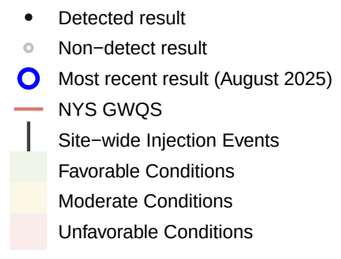
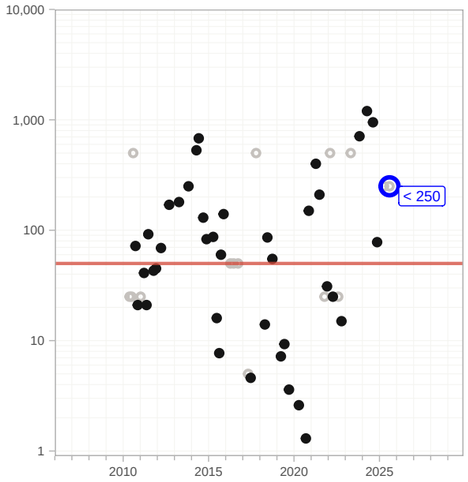


IB−7 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone (ug/L)

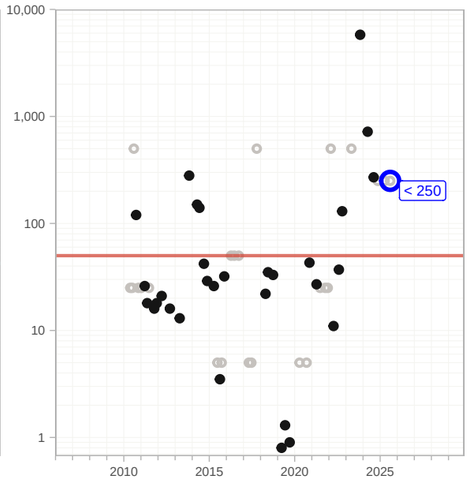
NYS GWQS = 50 ug/L



All | N = 54; ND = 15; %ND = 27.8; M−K = no trend

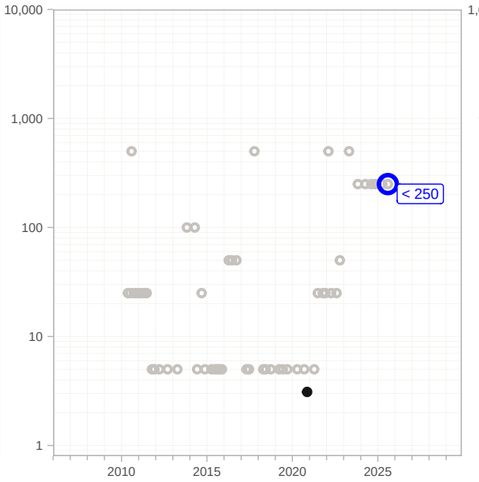
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 54; ND = 24; %ND = 44.4; M−K = no trend

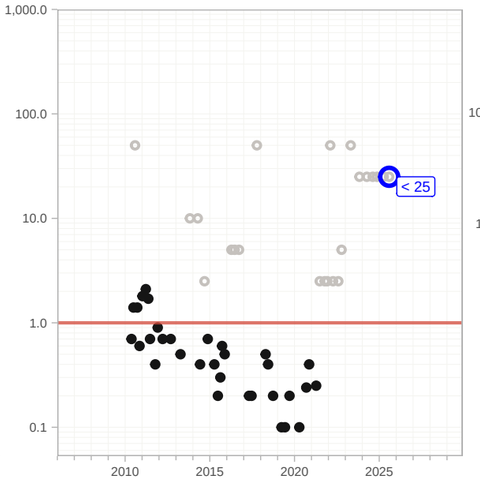
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 54; ND = 53; %ND = 98.1; M−K = no trend

Benzene (ug/L)

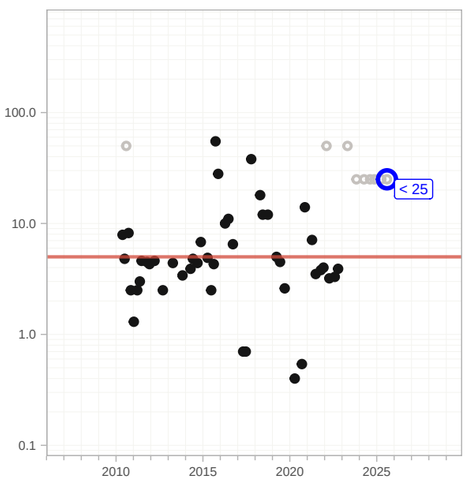
NYS GWQS = 1 ug/L



All | N = 54; ND = 22; %ND = 40.7; M−K = decreasing

Toluene (ug/L)

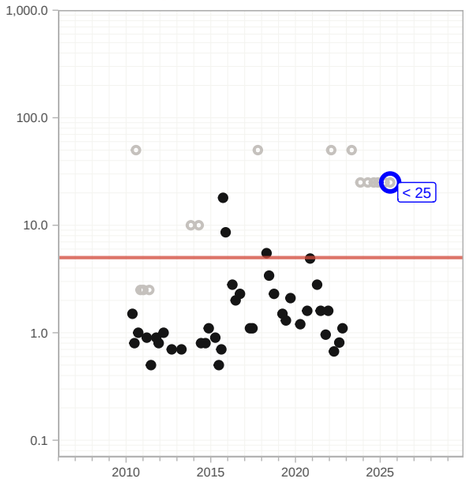
NYS GWQS = 5 ug/L



All | N = 54; ND = 9; %ND = 16.7; M−K = no trend

Ethylbenzene (ug/L)

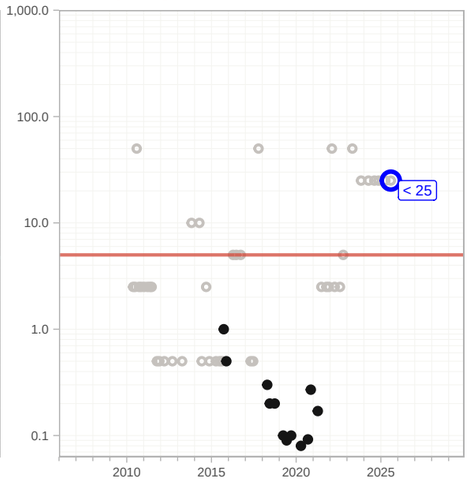
NYS GWQS = 5 ug/L



All | N = 54; ND = 15; %ND = 27.8; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

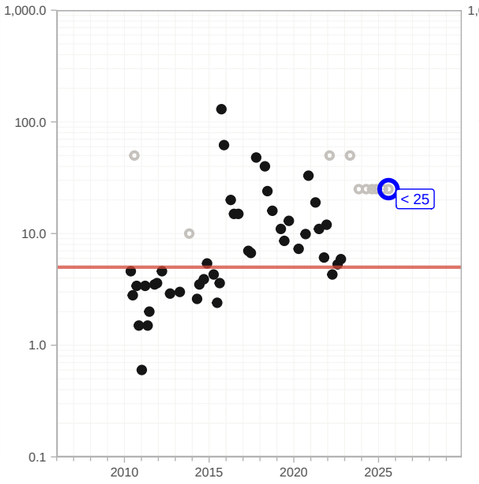
NYS GWQS = 5 ug/L



All | N = 54; ND = 42; %ND = 77.8; M−K = no trend

Xylene (m,p−) (ug/L)

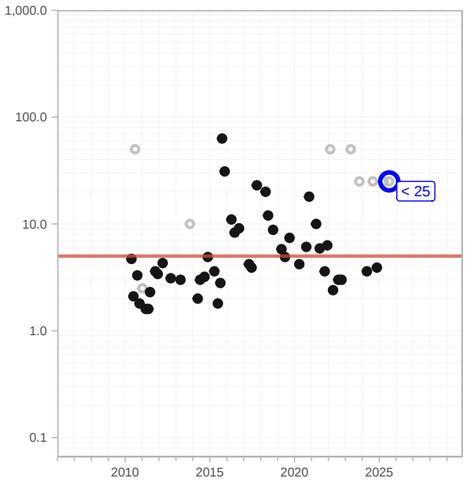
NYS GWQS = 5 ug/L



All | N = 54; ND = 10; %ND = 18.5; M−K = strong increasing

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 54; ND = 9; %ND = 16.7; M−K = increasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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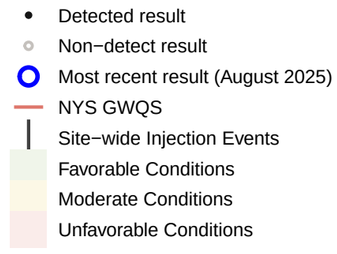
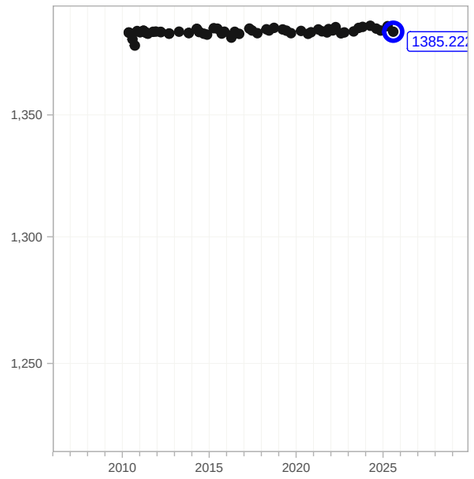
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



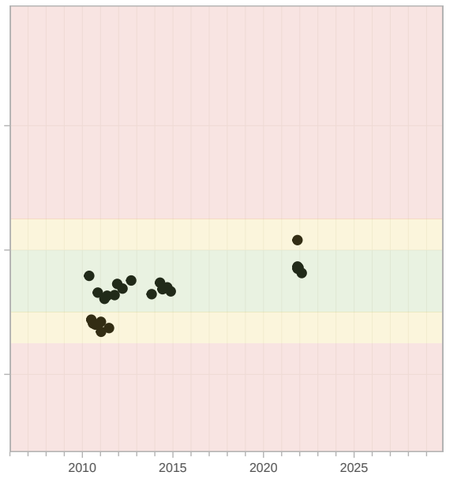
IB−7 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



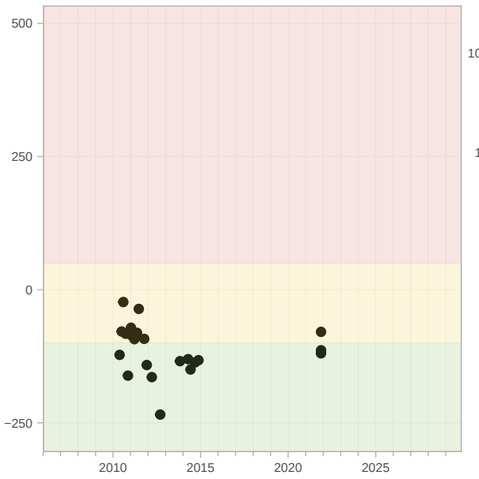
All | N = 63; ND = 0; %ND = 0; M−K = strong increasing

pH (SU)



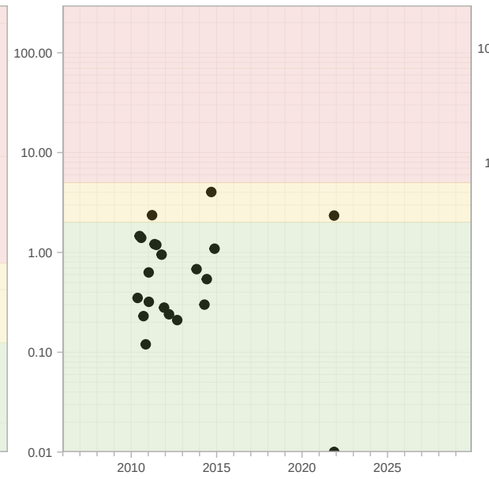
All | N = 24; ND = 0; %ND = 0; M−K = strong increasing

Oxidation/Reduction Potential (mV)



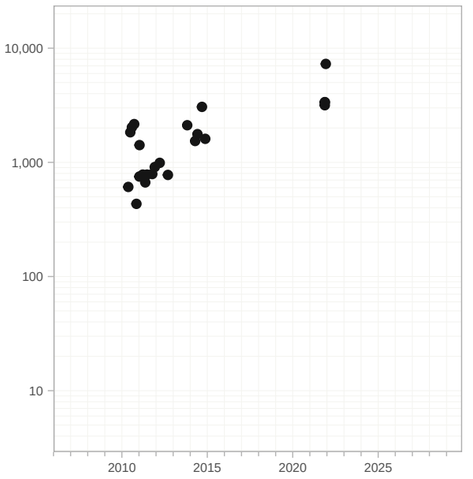
All | N = 22; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



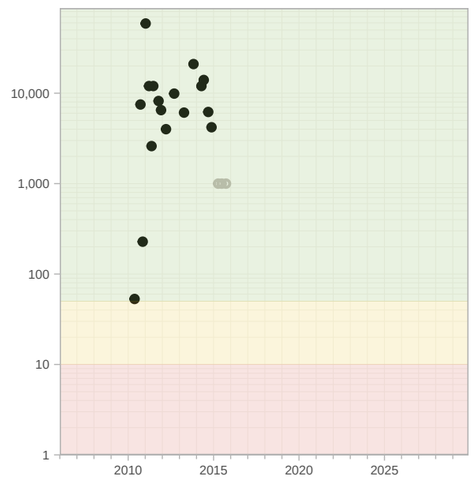
All | N = 22; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



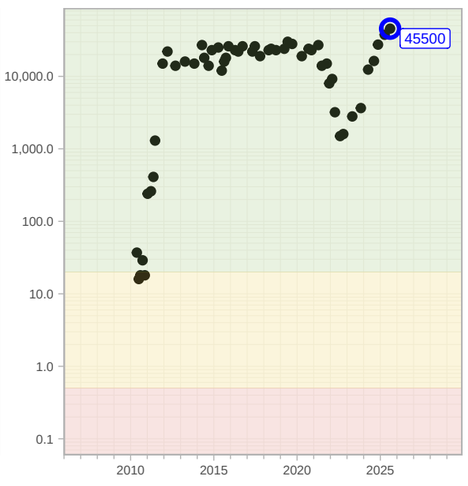
All | N = 23; ND = 0; %ND = 0; M−K = strong increasing

Sulfide (ug/L)



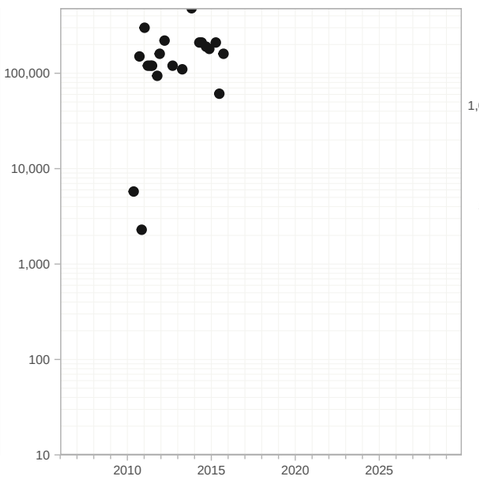
All | N = 20; ND = 3; %ND = 15; M−K = no trend

Methane (ug/L)



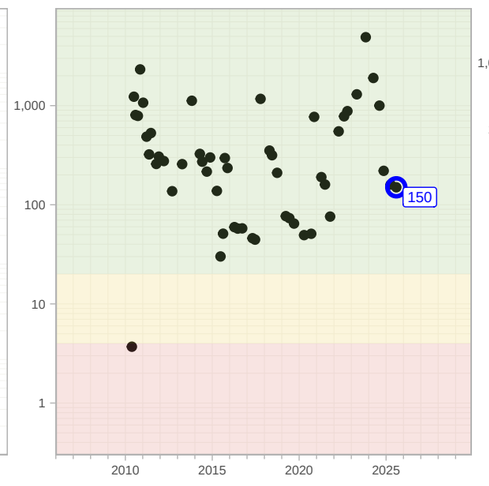
All | N = 53; ND = 0; %ND = 0; M−K = strong increasing

Iron − Ferrous (ug/L)



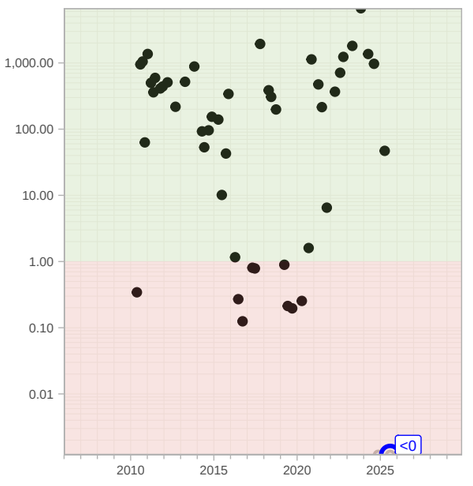
All | N = 20; ND = 0; %ND = 0; M−K = stable

Total Organic Carbon (mg/L)



All | N = 52; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 50; ND = 2; %ND = 4; M−K = no trend

Notes:
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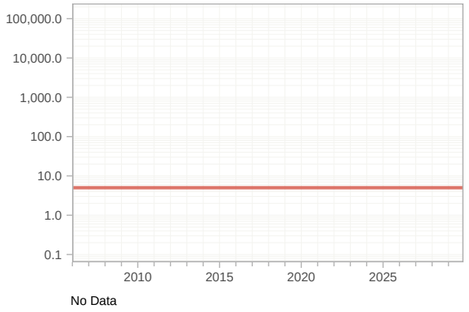
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

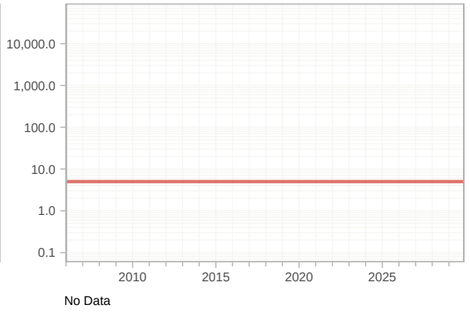
IB−8 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE)



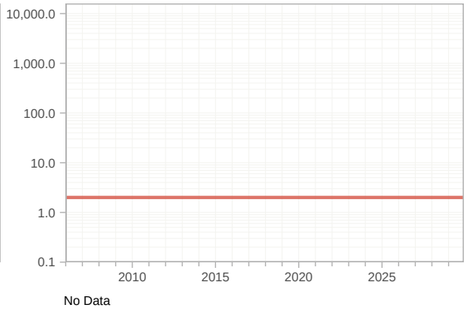
No Data

Dichloroethene (cis−1,2−)



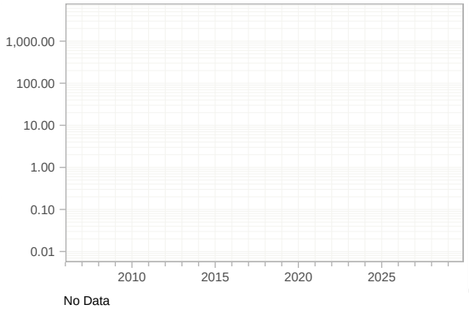
No Data

Vinyl chloride



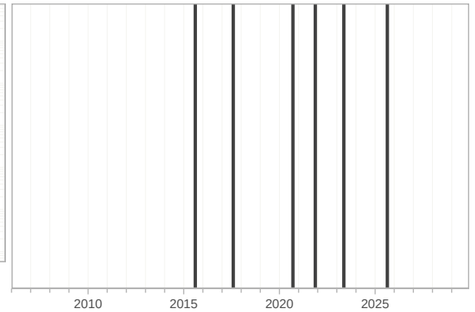
No Data

Ethane + Ethene

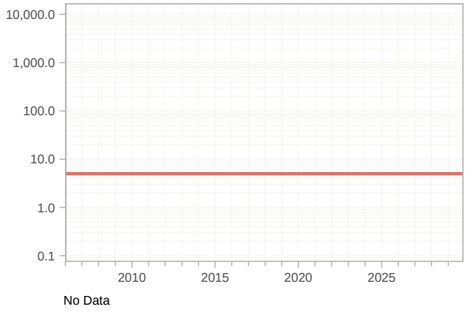


No Data

Molar Composition (%)

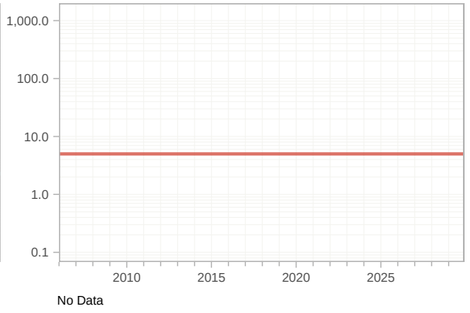


Dichloroethene (trans−1,2−)



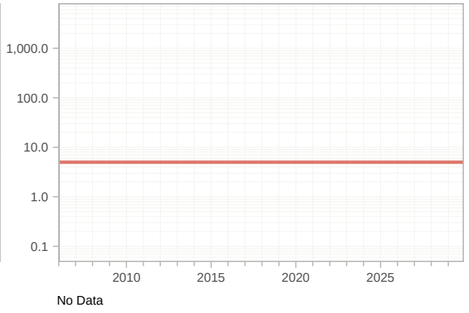
No Data

Dichloroethene (1,1−)



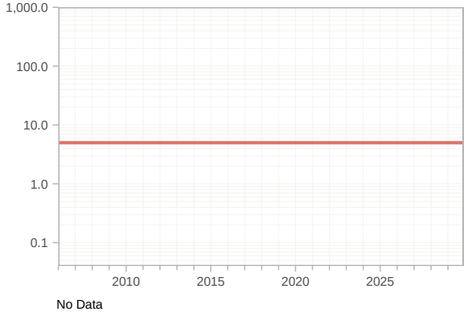
No Data

Tetrachloroethene (PCE)



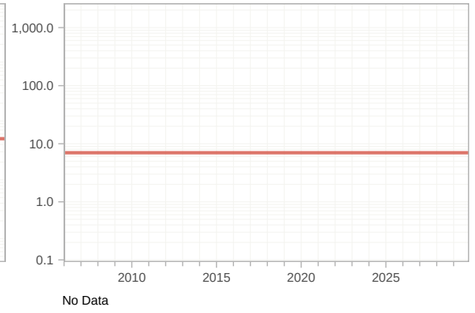
No Data

Carbon tetrachloride



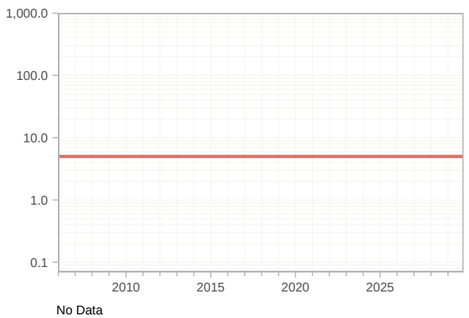
No Data

Chloroform (Trichloromethane)



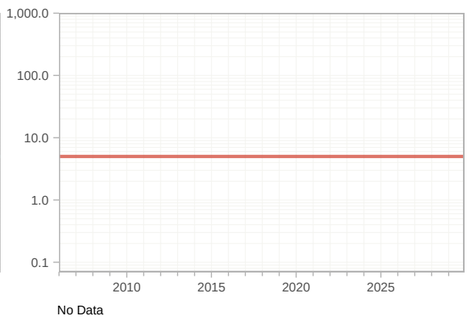
No Data

Methylene Chloride (Dichloromethane)



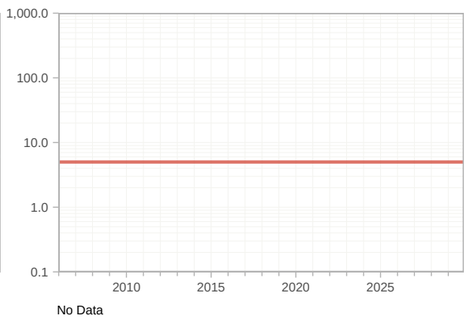
No Data

Chloromethane



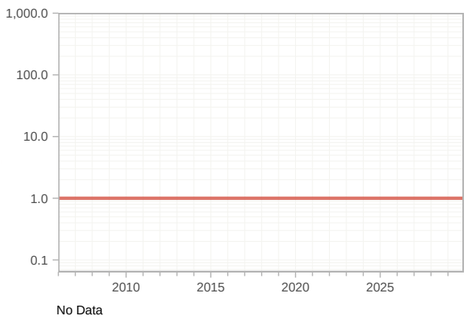
No Data

Trichloroethane (1,1,1−)



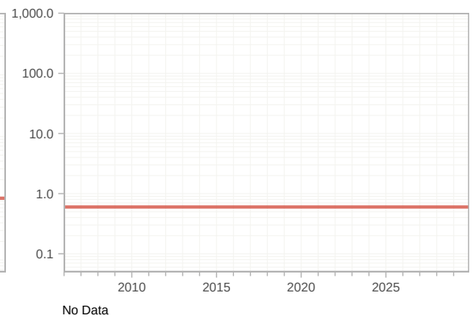
No Data

Trichloroethane (1,1,2−)



No Data

Dichloroethane (1,2−)



No Data

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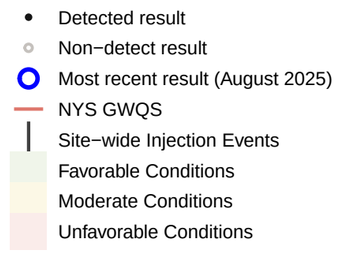
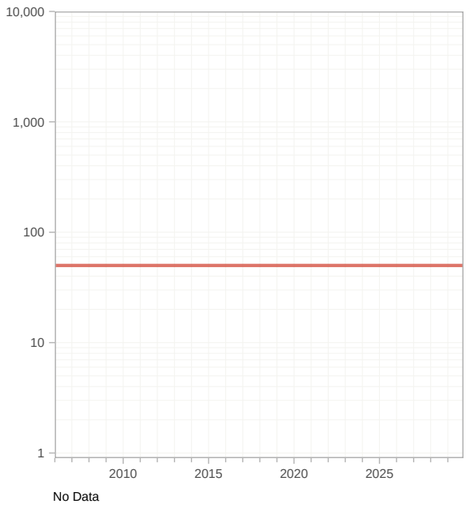


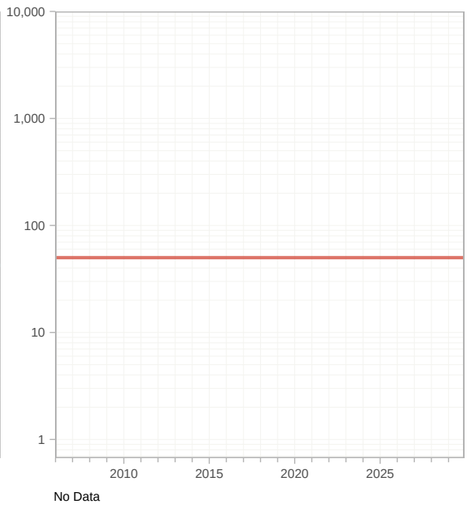
IB−8 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone



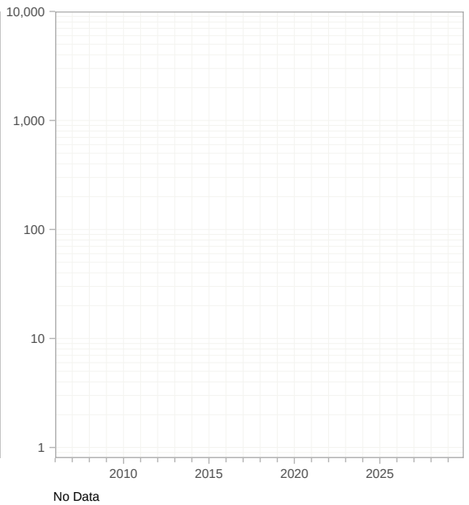
No Data

Butanone (2−) (MEK)



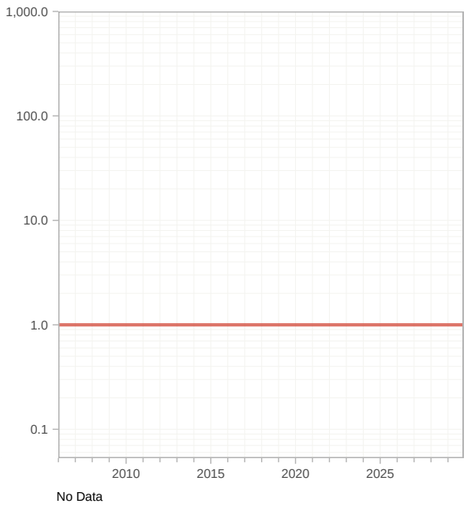
No Data

Methyl−2−pentanone (4−) (MIBK)



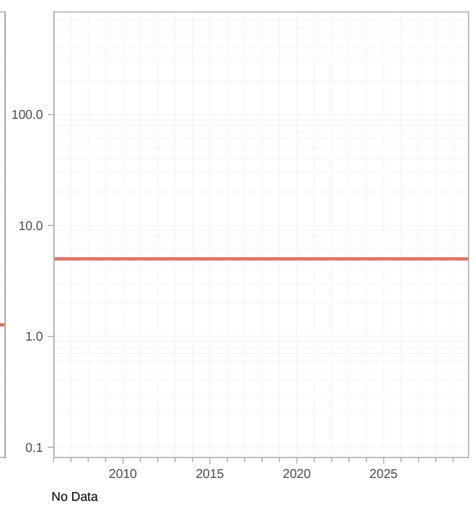
No Data

Benzene



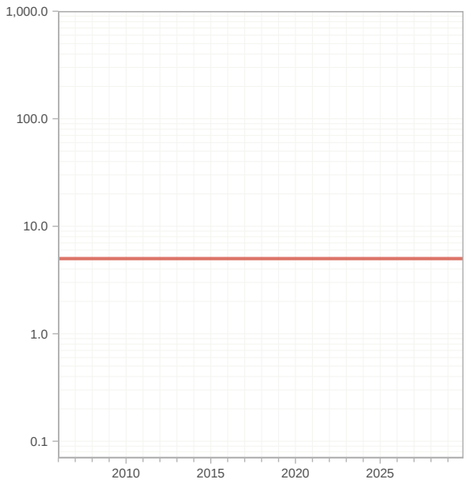
No Data

Toluene



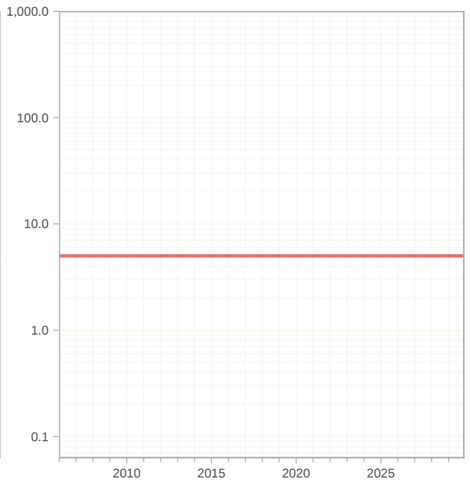
No Data

Ethylbenzene



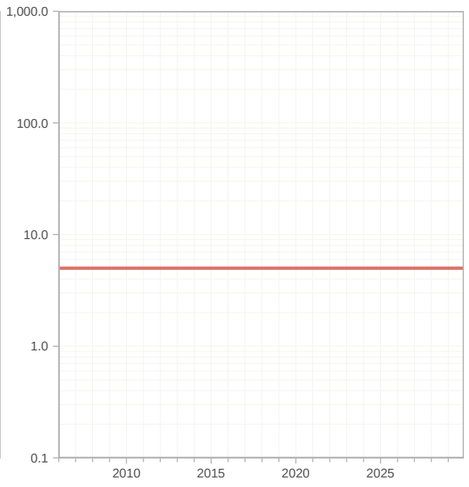
No Data

Isopropylbenzene (Cumene)



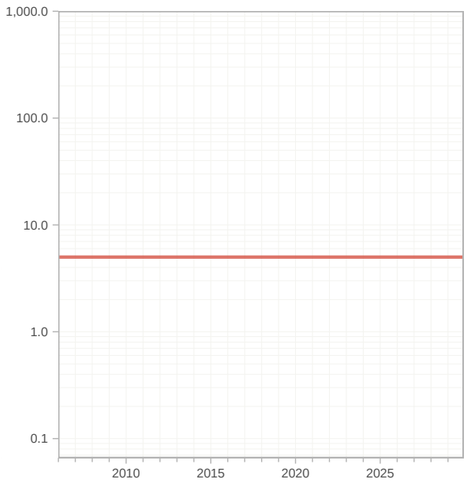
No Data

Xylene (m,p−)



No Data

Xylene (o−)



No Data

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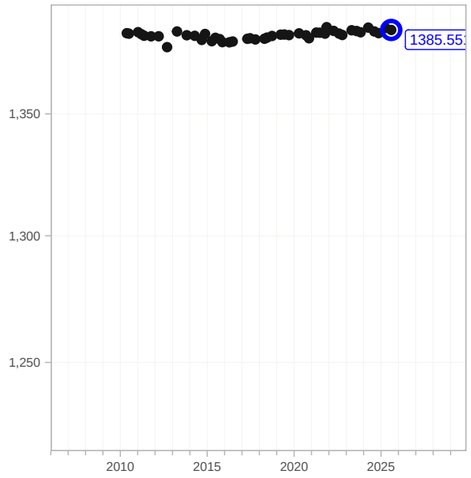
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

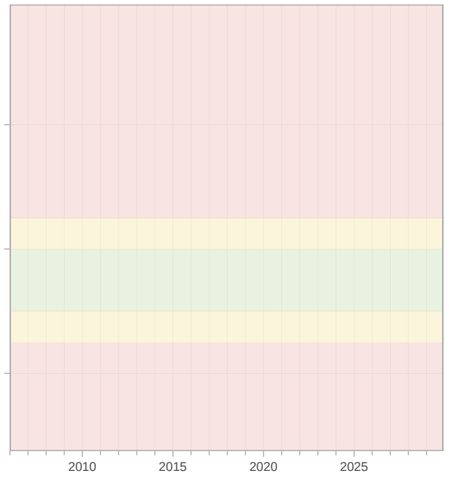
IB−8 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



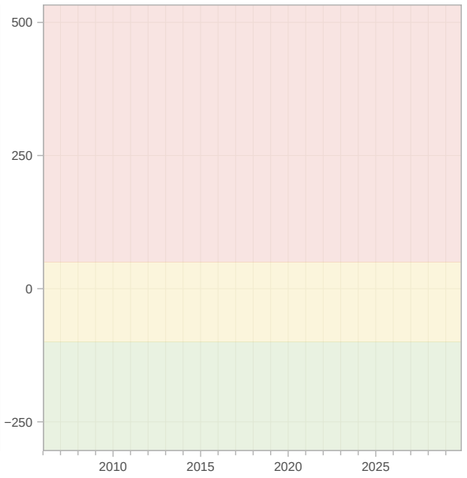
All | N = 46; ND = 0; %ND = 0; M−K = strong increasing

pH



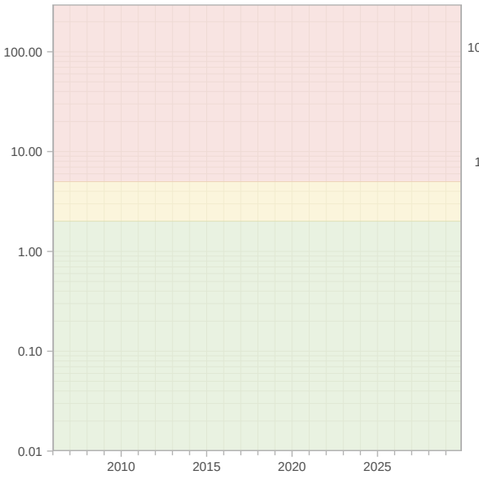
No Data

Oxidation/Reduction Potential



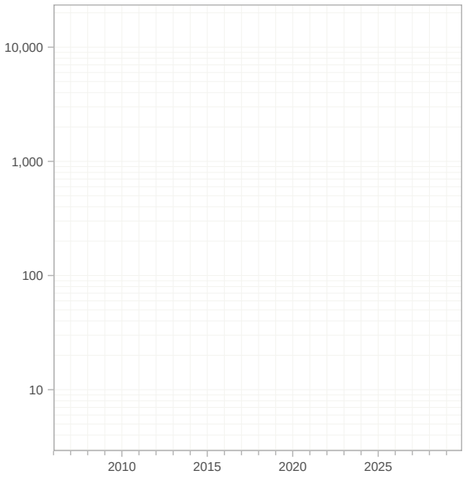
No Data

Dissolved Oxygen



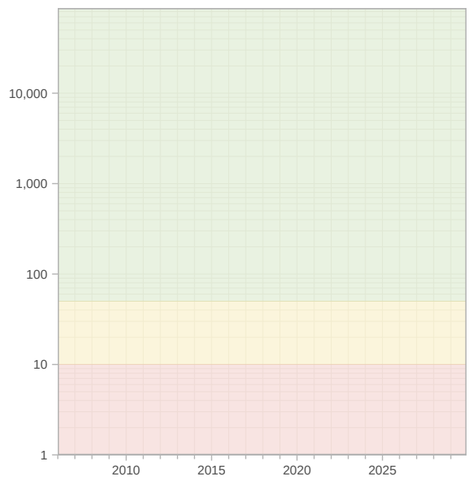
No Data

Specific Conductance



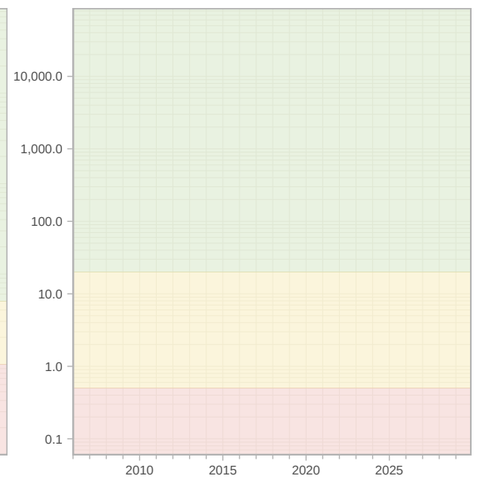
No Data

Sulfide



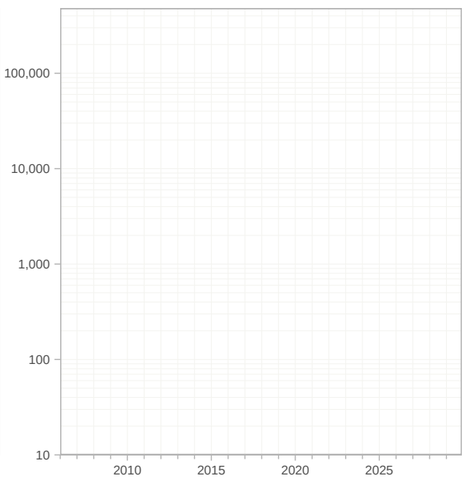
No Data

Methane



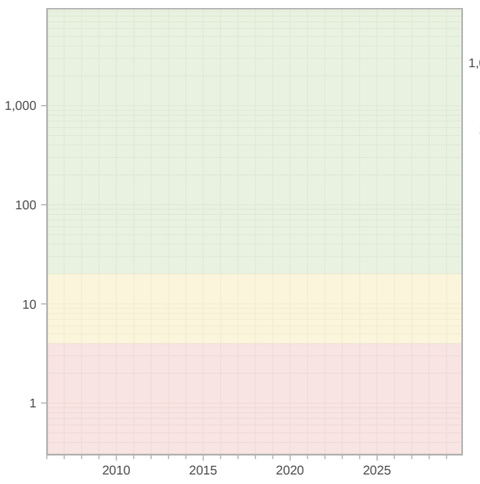
No Data

Iron − Ferrous



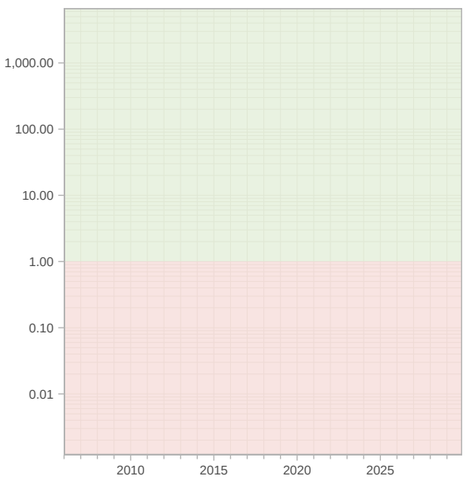
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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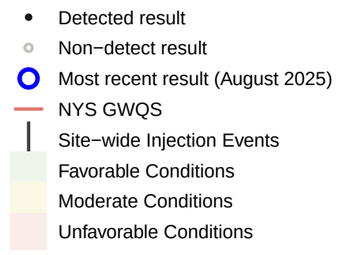
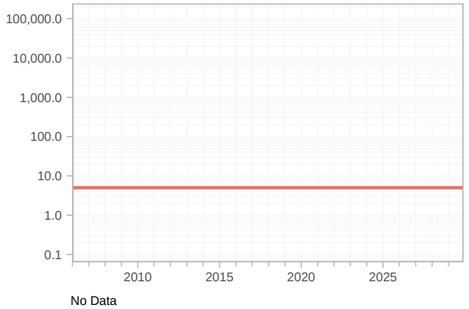


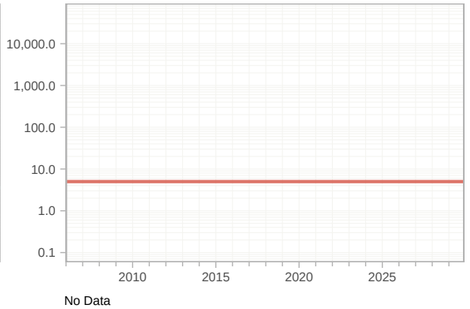
IB−9 (Page 1 of 3) : Annual Monitoring Locations − Shallow

Trichloroethene (TCE)



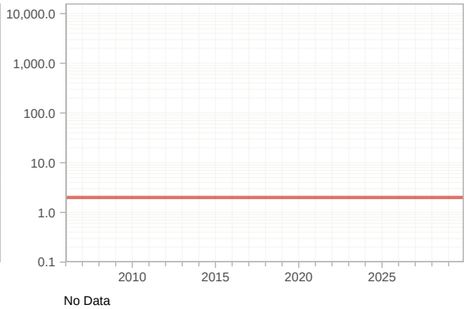
No Data

Dichloroethene (cis−1,2−)



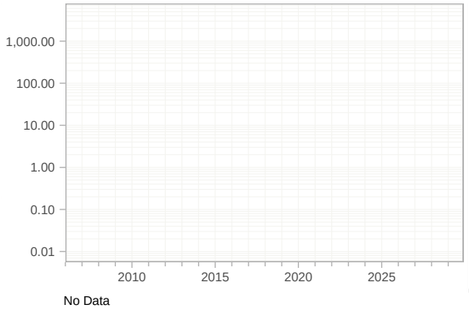
No Data

Vinyl chloride



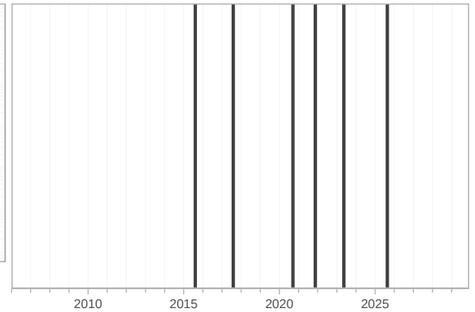
No Data

Ethane + Ethene

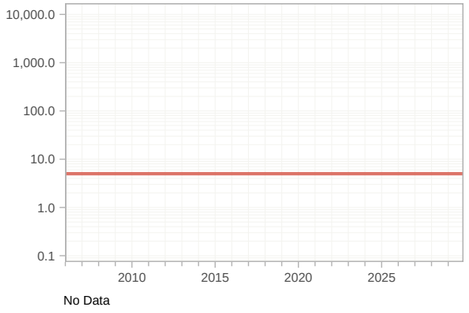


No Data

Molar Composition (%)

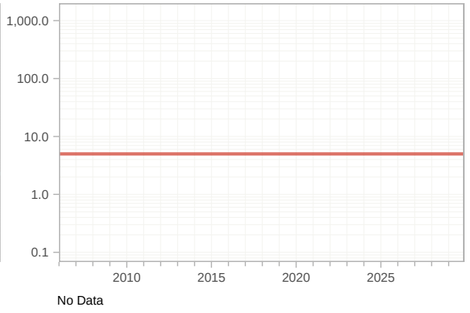


Dichloroethene (trans−1,2−)



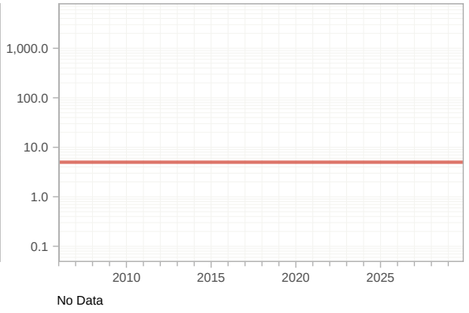
No Data

Dichloroethene (1,1−)



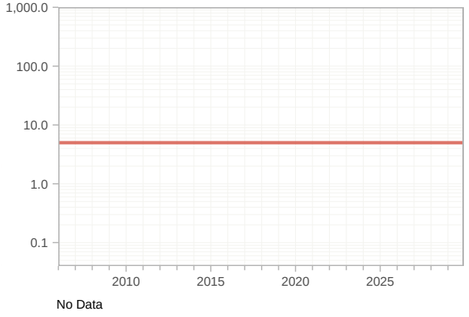
No Data

Tetrachloroethene (PCE)



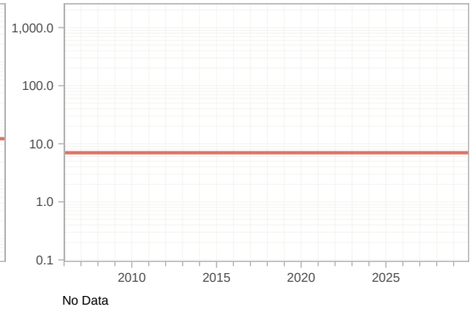
No Data

Carbon tetrachloride



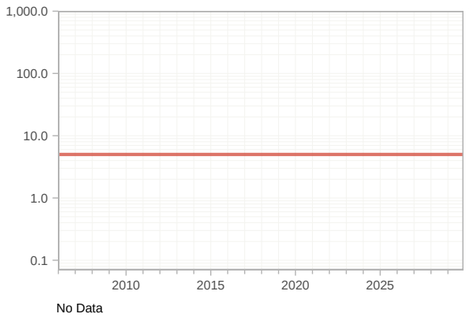
No Data

Chloroform (Trichloromethane)



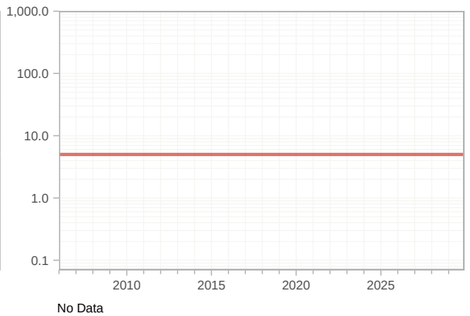
No Data

Methylene Chloride (Dichloromethane)



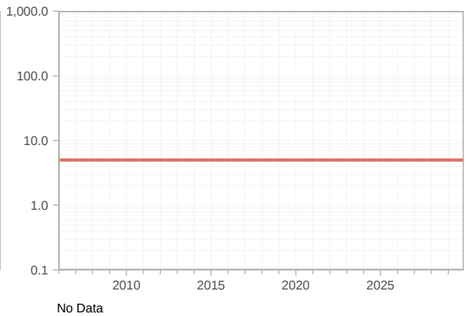
No Data

Chloromethane



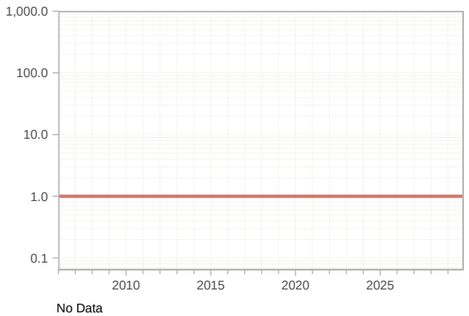
No Data

Trichloroethane (1,1,1−)



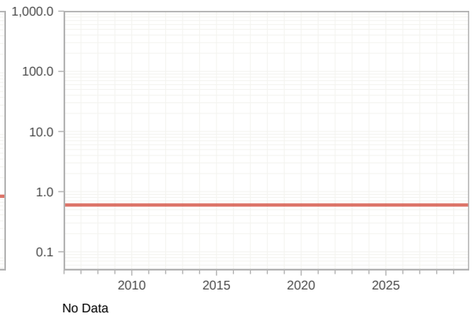
No Data

Trichloroethane (1,1,2−)



No Data

Dichloroethane (1,2−)



No Data

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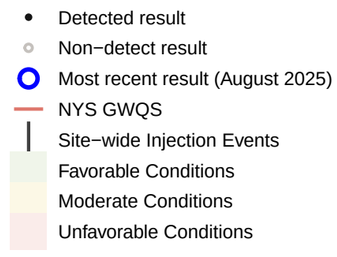
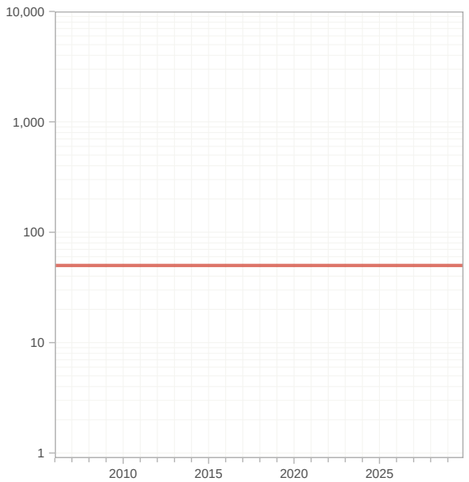


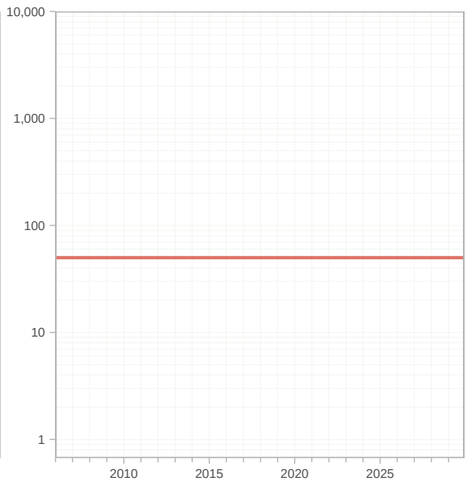
IB−9 (Page 2 of 3) : Annual Monitoring Locations − Shallow

Acetone



No Data

Butanone (2−) (MEK)



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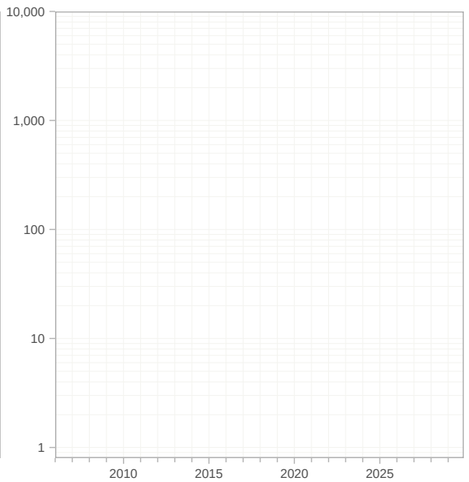
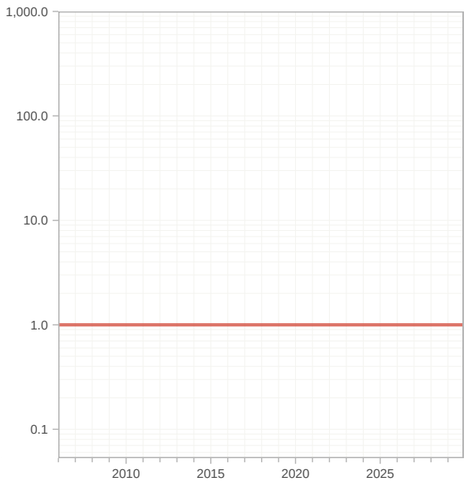
Methyl−2−pentanone (4−) (MIBK)



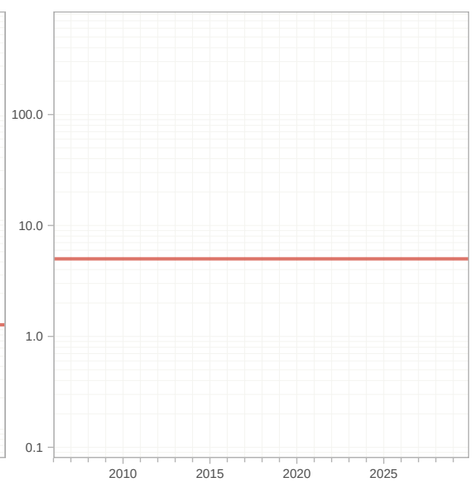
No Data

Benzene



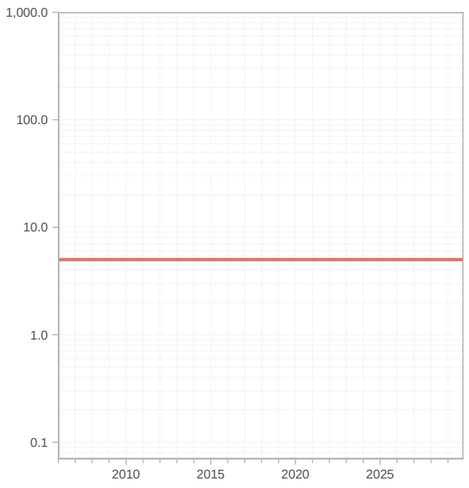
No Data

Toluene



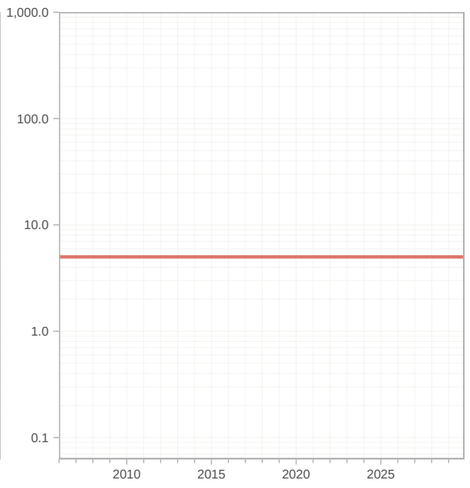
No Data

Ethylbenzene



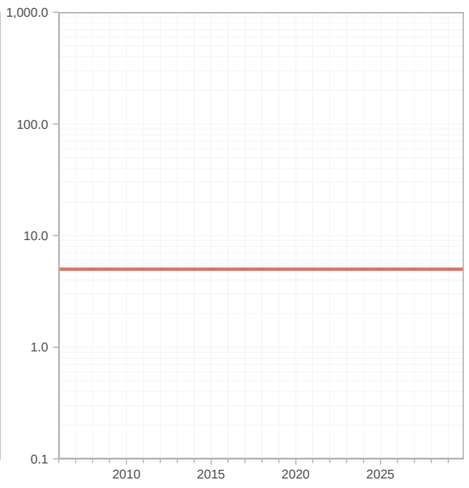
No Data

Isopropylbenzene (Cumene)



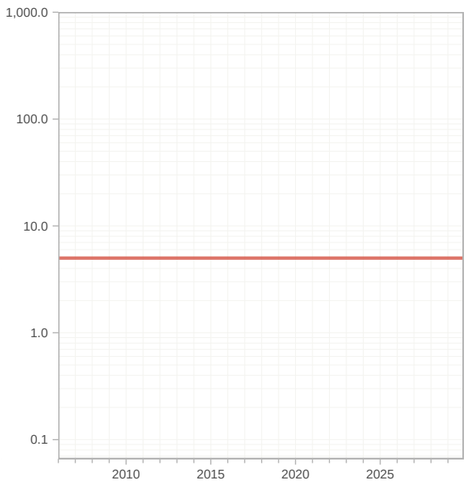
No Data

Xylene (m,p−)



No Data

Xylene (o−)



No Data

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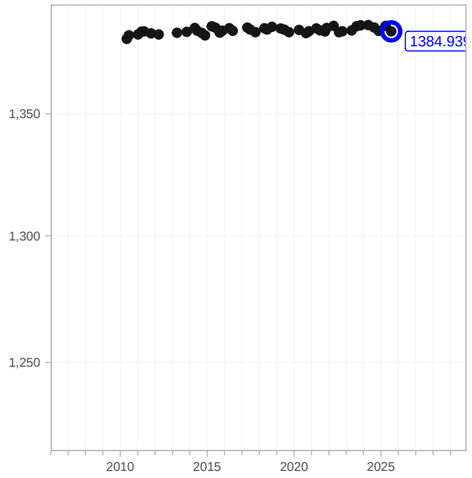
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

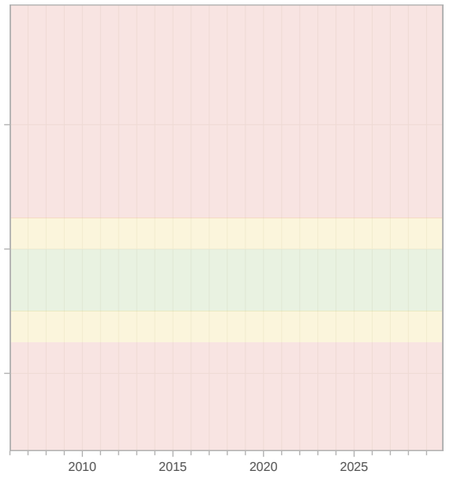
IB−9 (Page 3 of 3) : Annual Monitoring Locations − Shallow

Groundwater Elevation (ft amsl)



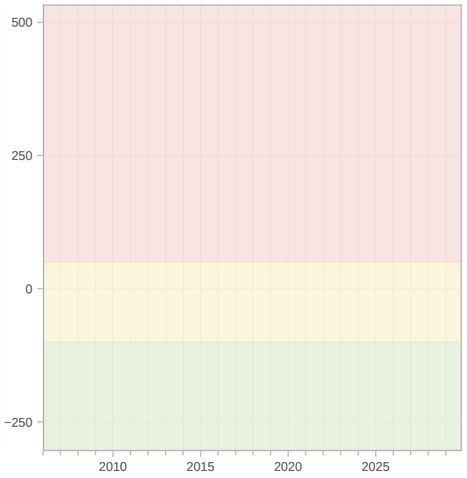
All | N = 46; ND = 0; %ND = 0; M−K = strong increasing

pH



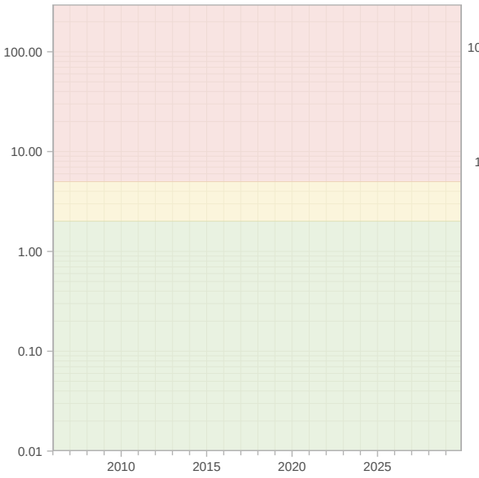
No Data

Oxidation/Reduction Potential



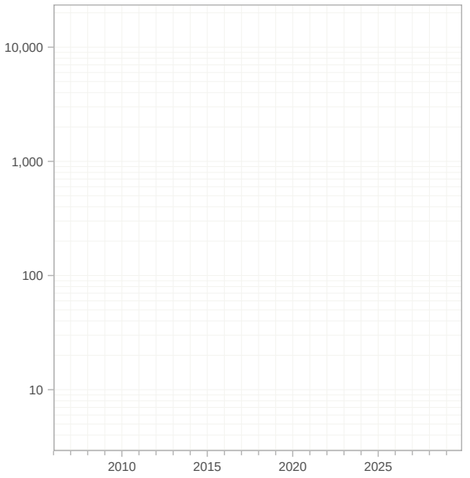
No Data

Dissolved Oxygen



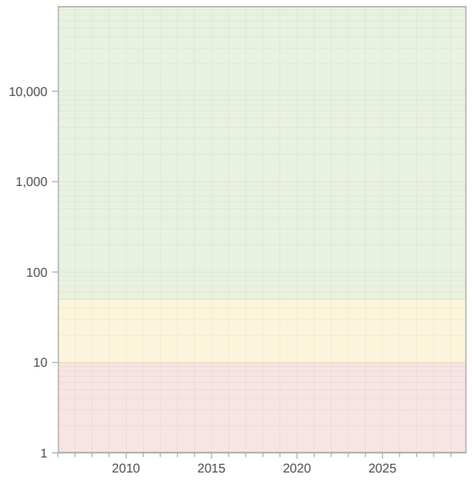
No Data

Specific Conductance



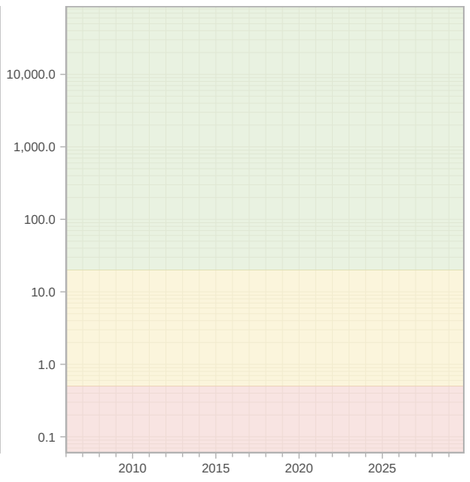
No Data

Sulfide



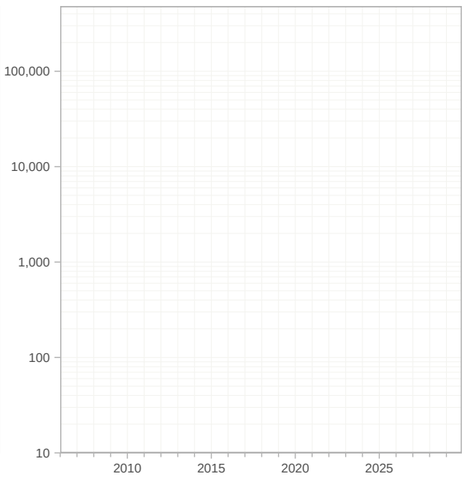
No Data

Methane



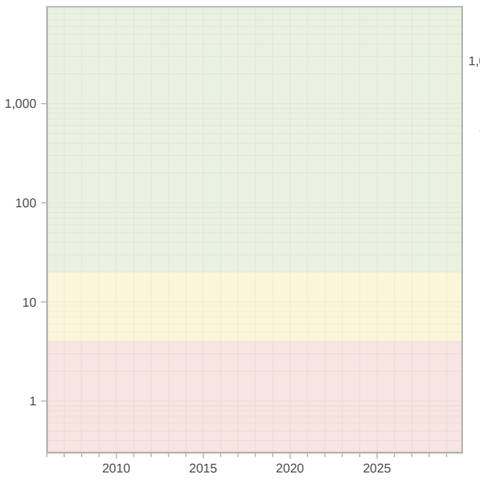
No Data

Iron − Ferrous



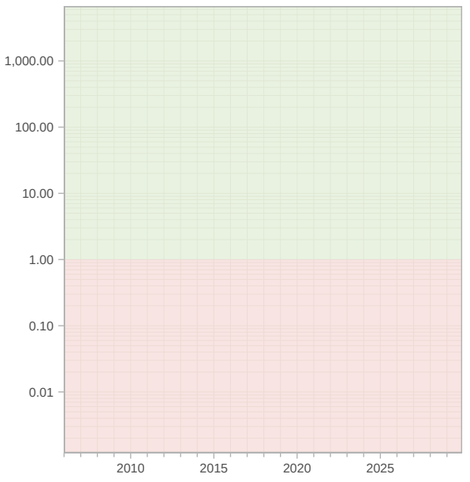
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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- Detected result
- Non−detect result
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- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
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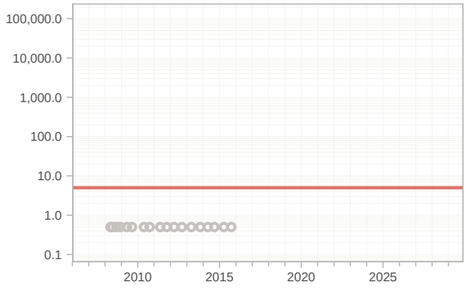
- Unfavorable Conditions

BP−20 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

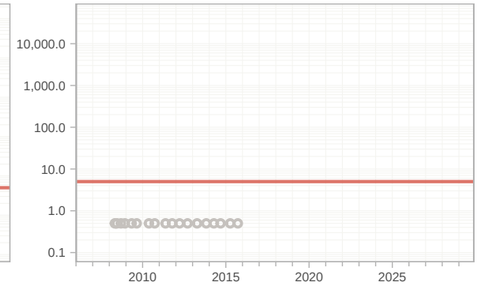
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

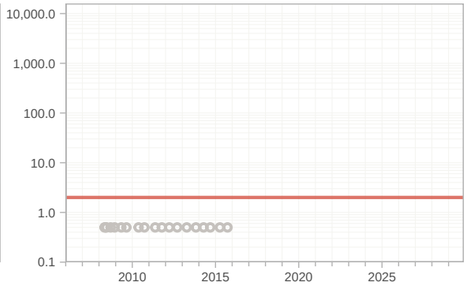
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

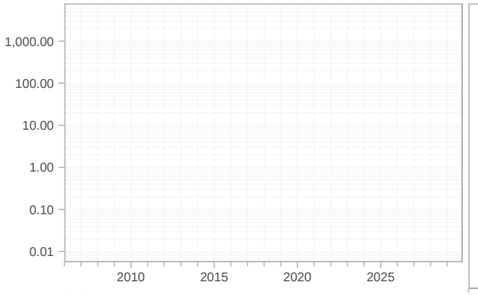
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



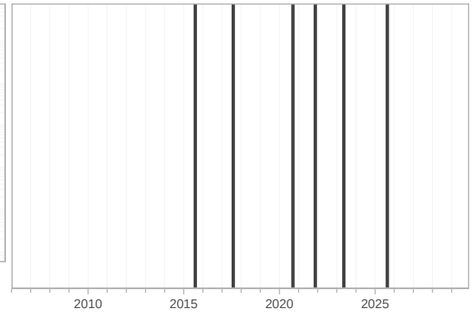
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Ethane + Ethene



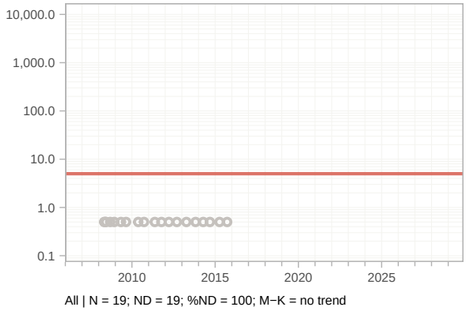
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

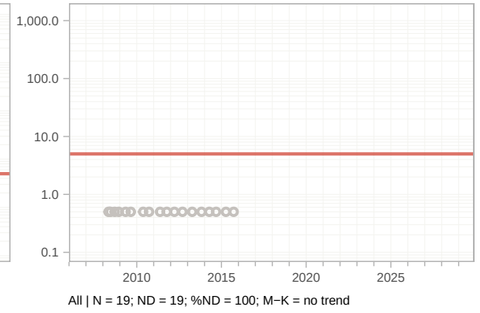
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

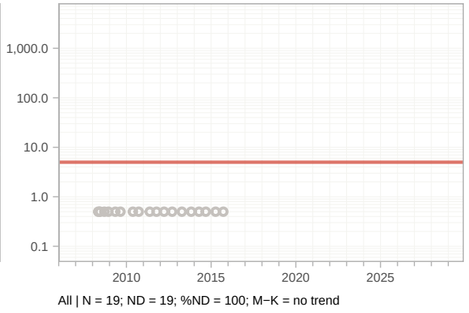
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

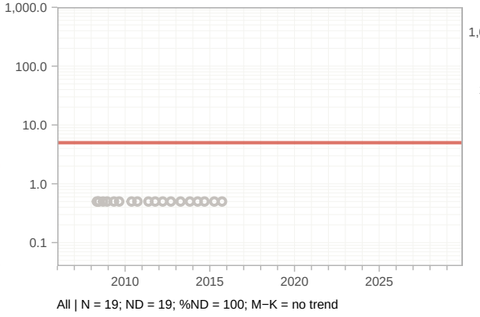
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

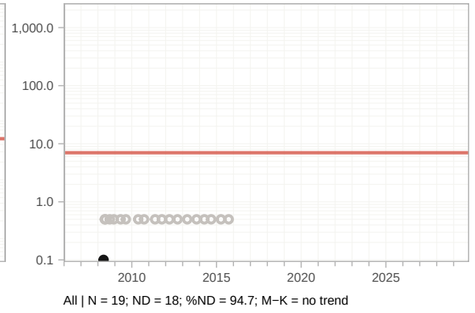
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

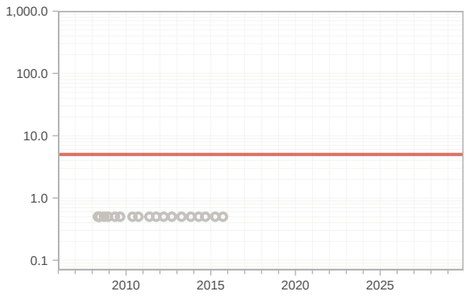
NYS GWQS = 7 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

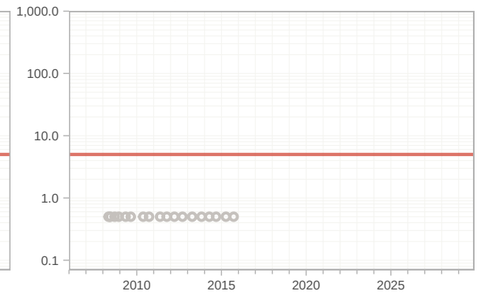
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloromethane (ug/L)

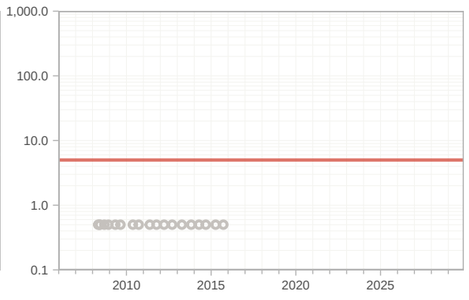
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

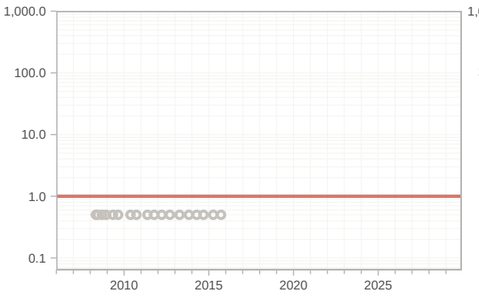
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

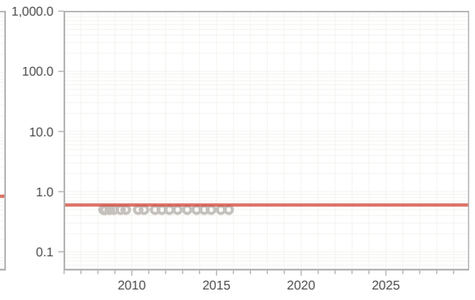
NYS GWQS = 1 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

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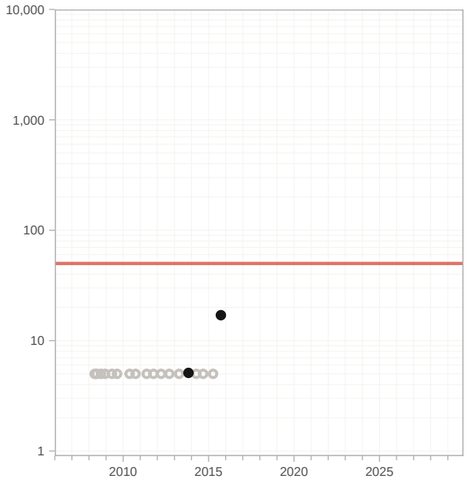
BP−20 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)

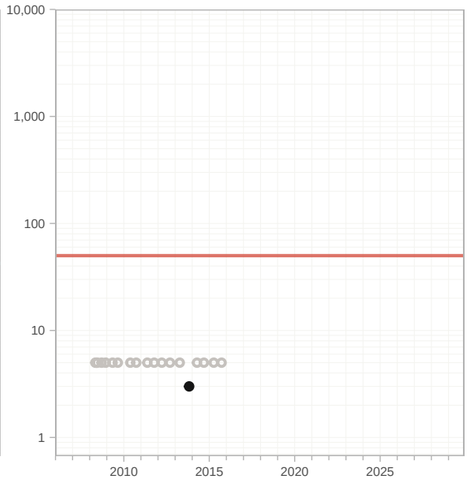
NYS GWQS = 50 ug/L



All | N = 19; ND = 17; %ND = 89.5; M−K = strong increasing

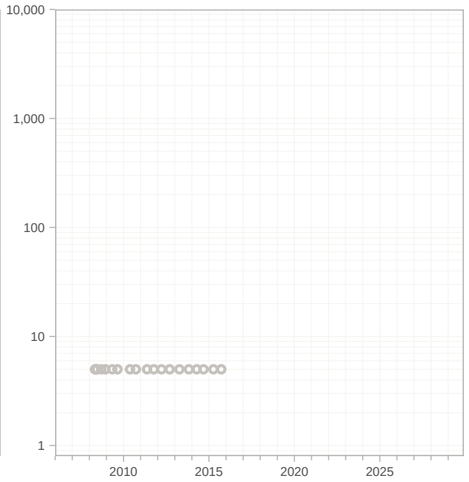
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

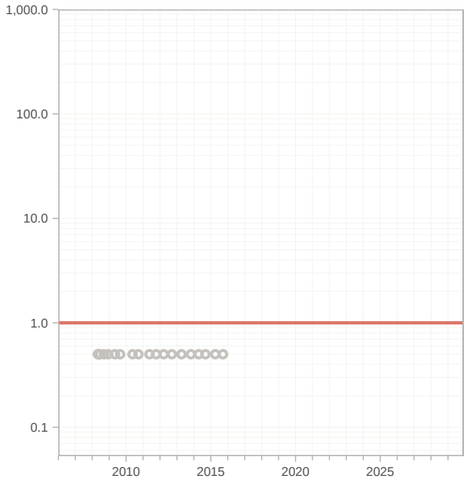
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Benzene (ug/L)

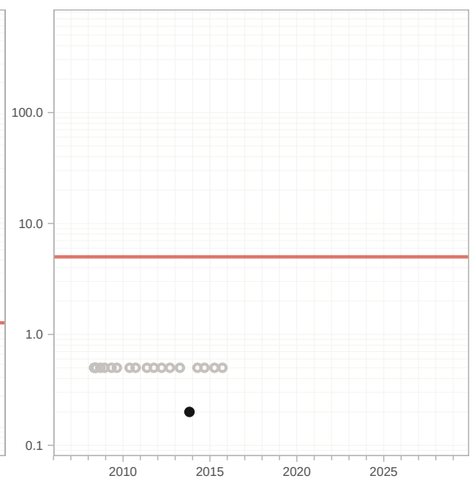
NYS GWQS = 1 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Toluene (ug/L)

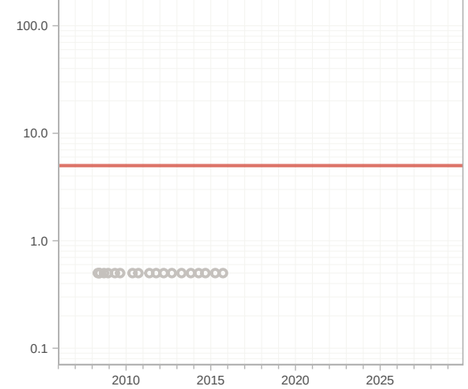
NYS GWQS = 5 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Ethylbenzene (ug/L)

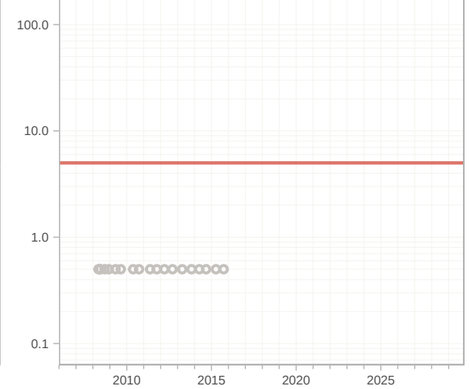
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

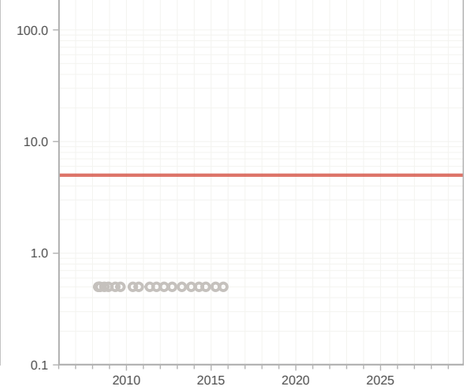
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

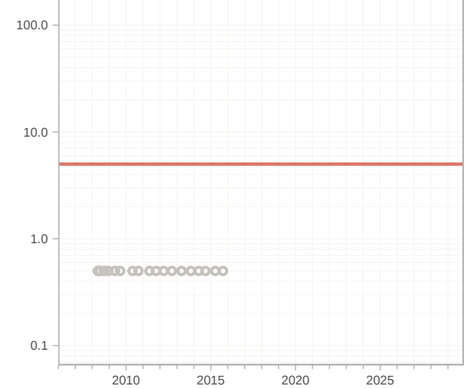
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Notes:
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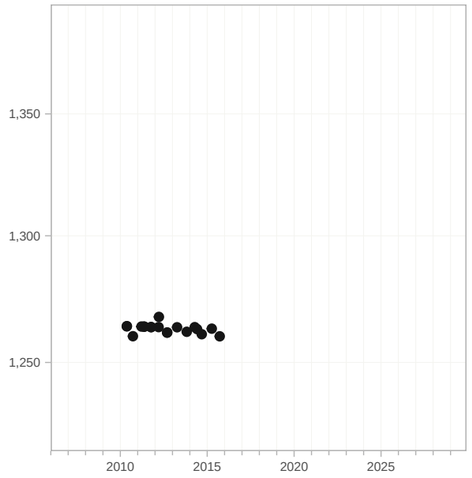
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

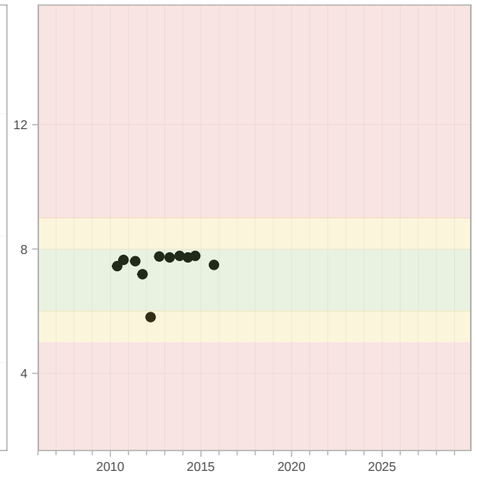
BP−20 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



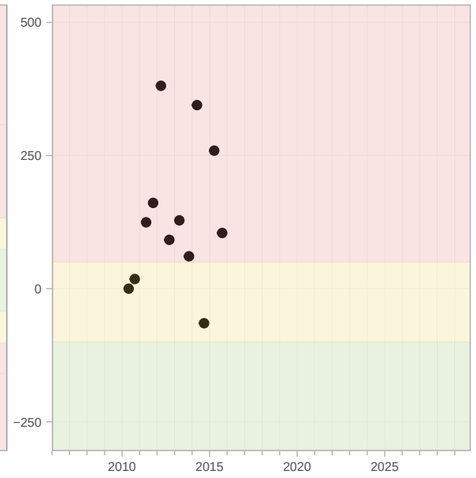
All | N = 19; ND = 0; %ND = 0; M−K = strong decreasing

pH (SU)



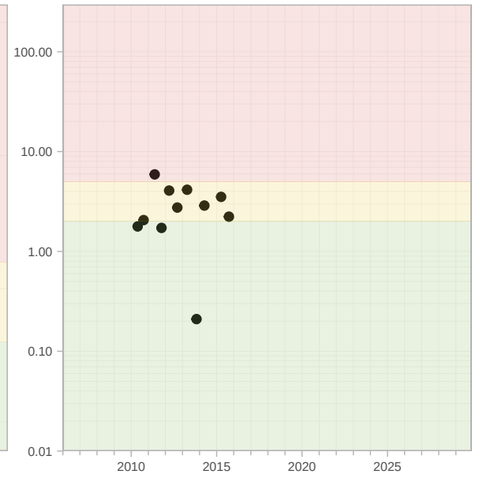
All | N = 11; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



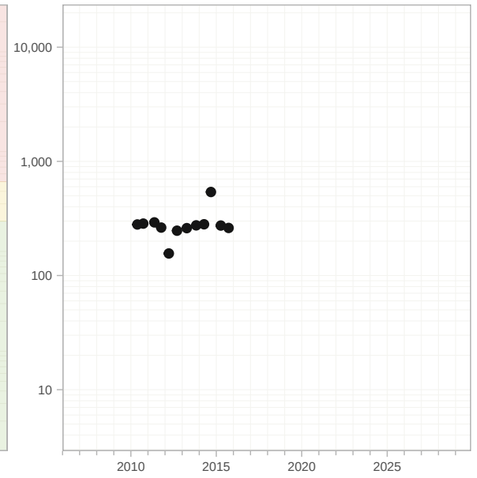
All | N = 12; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



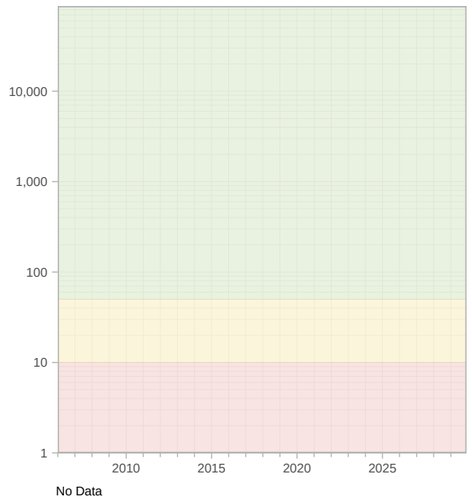
All | N = 11; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



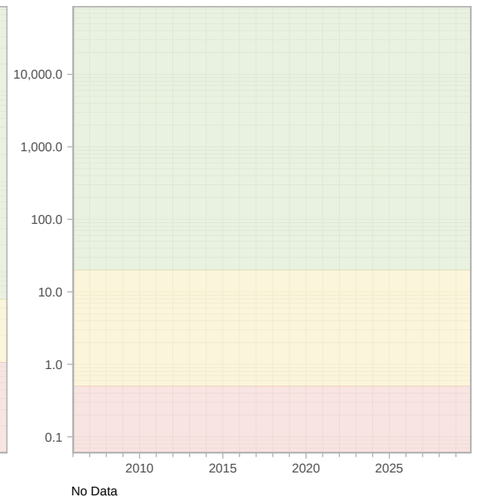
All | N = 12; ND = 0; %ND = 0; M−K = stable

Sulfide



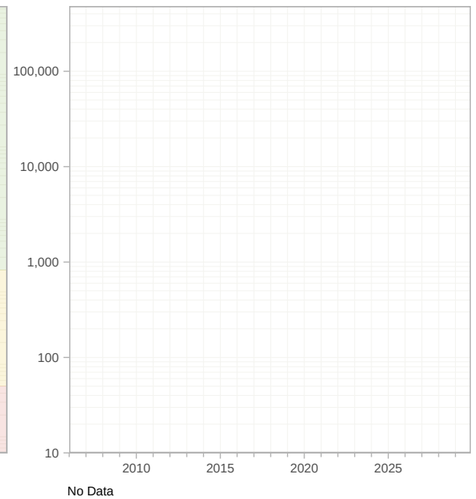
No Data

Methane



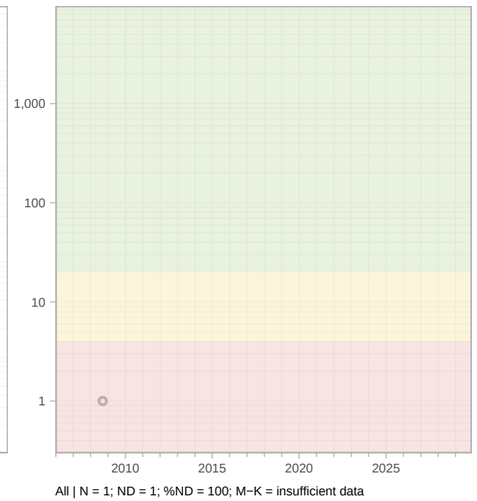
No Data

Iron − Ferrous



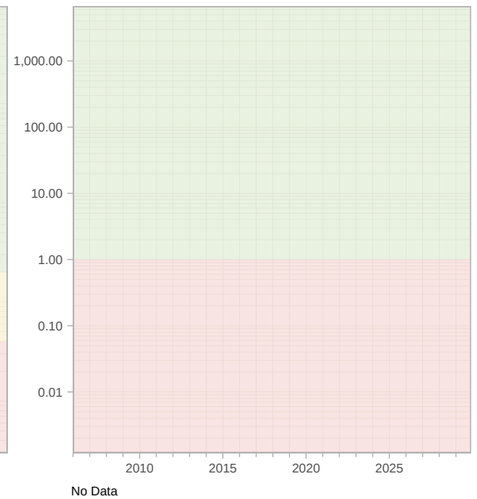
No Data

Total Organic Carbon (mg/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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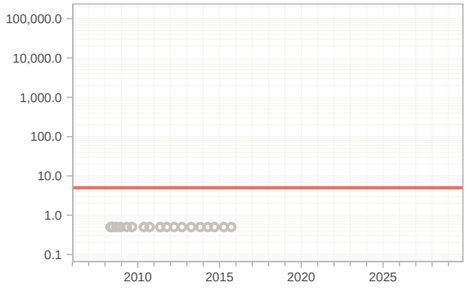
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−21 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

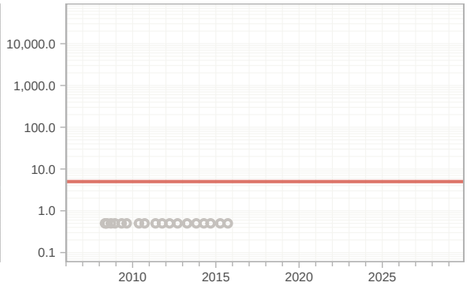
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

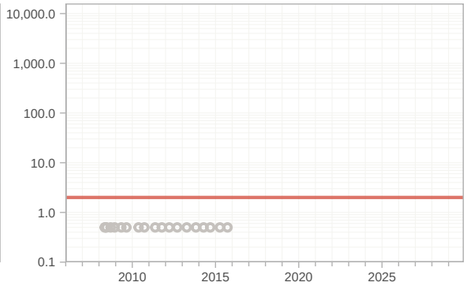
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

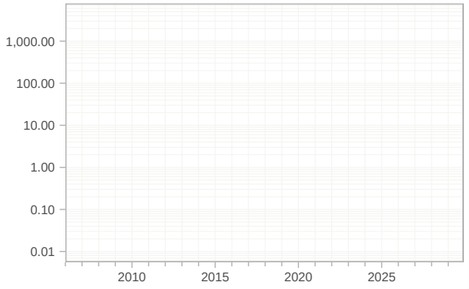
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



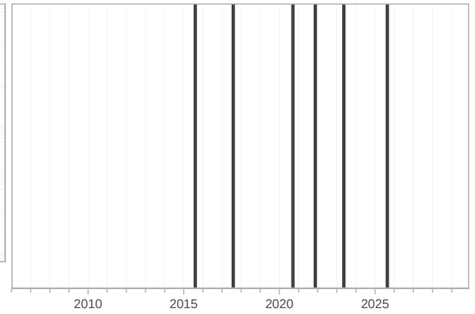
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Ethane + Ethene



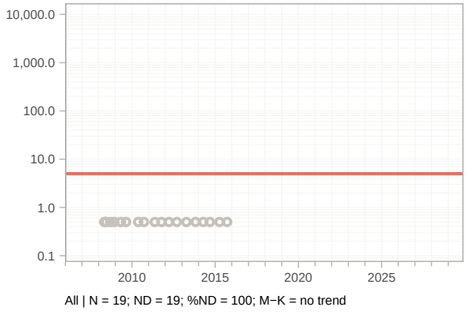
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

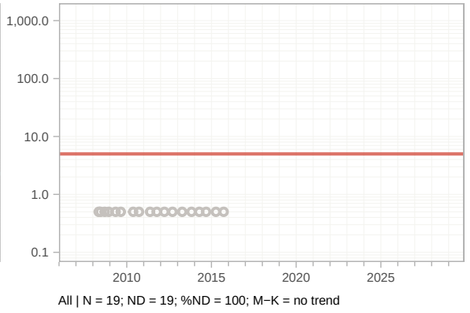
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

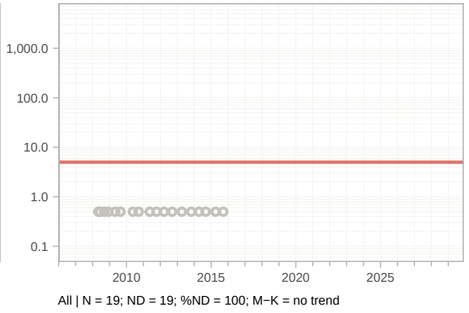
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

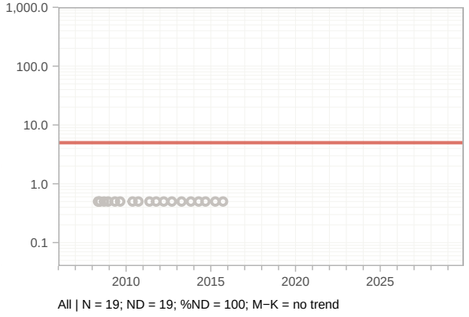
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

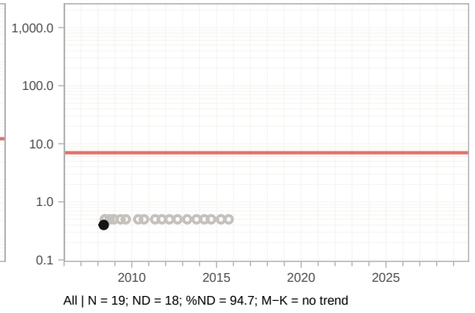
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

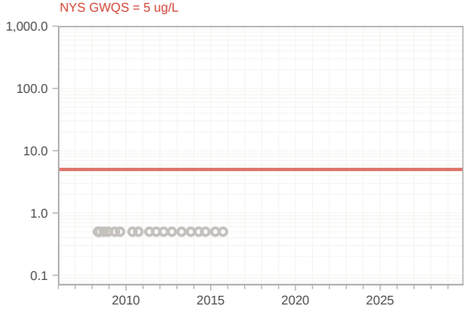
NYS GWQS = 7 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

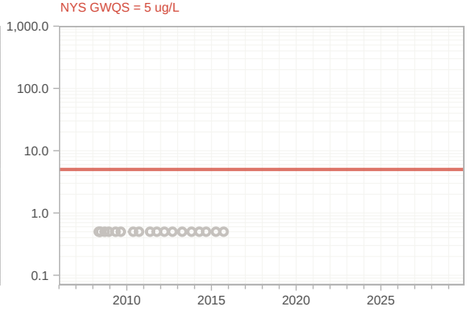
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloromethane (ug/L)

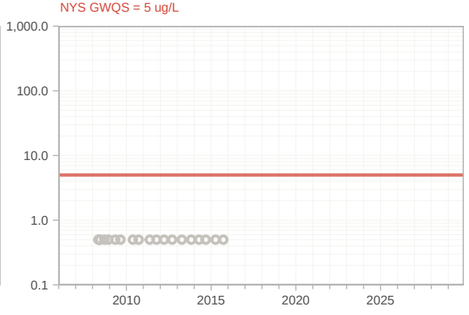
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

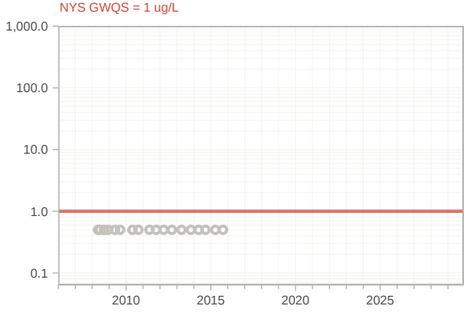
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

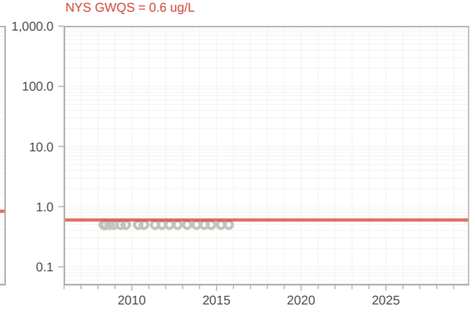
NYS GWQS = 1 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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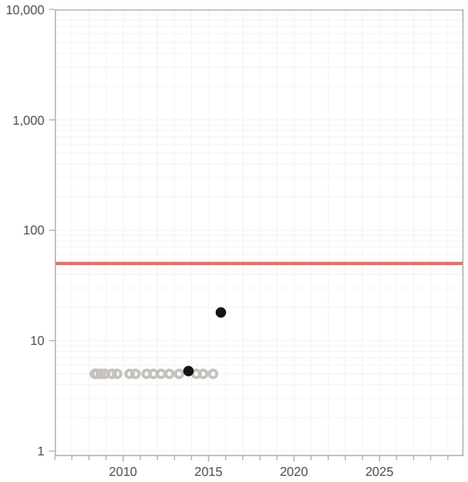
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

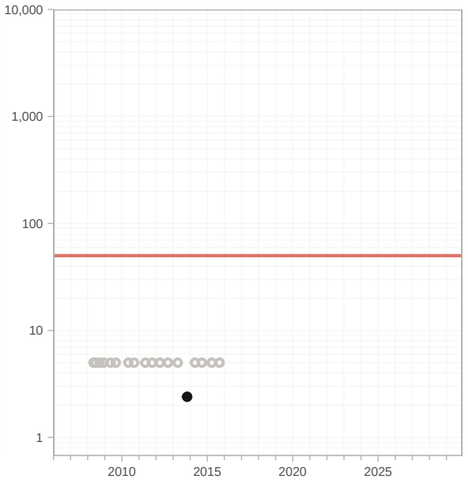
BP−21 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



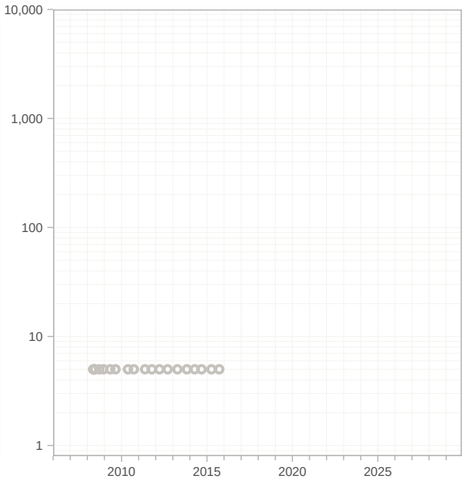
All | N = 19; ND = 17; %ND = 89.5; M−K = strong increasing

Butanone (2−) (MEK) (ug/L)



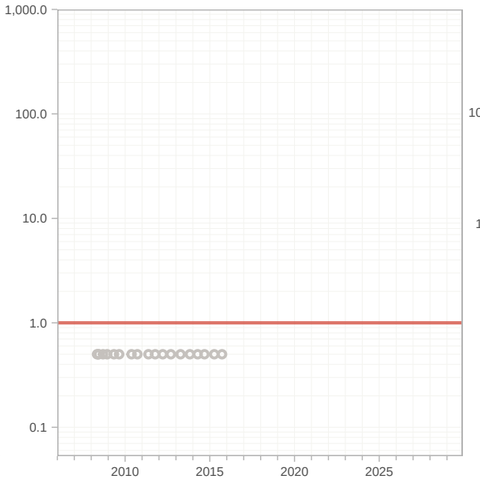
All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



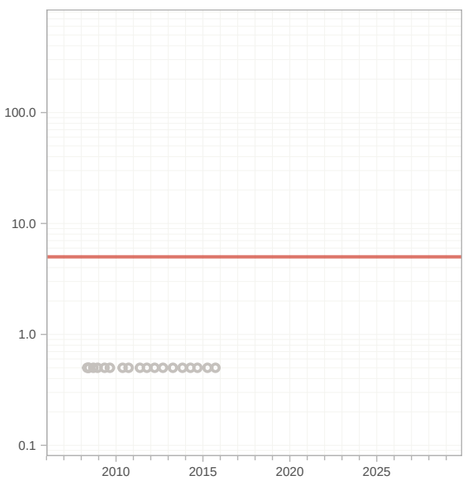
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Benzene (ug/L)



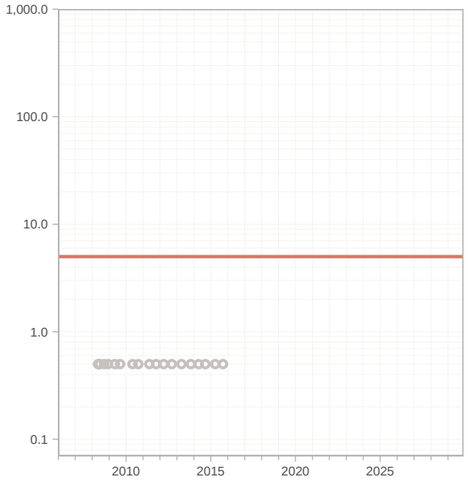
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Toluene (ug/L)



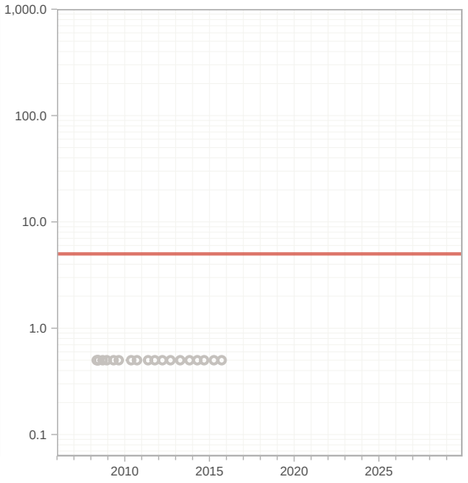
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



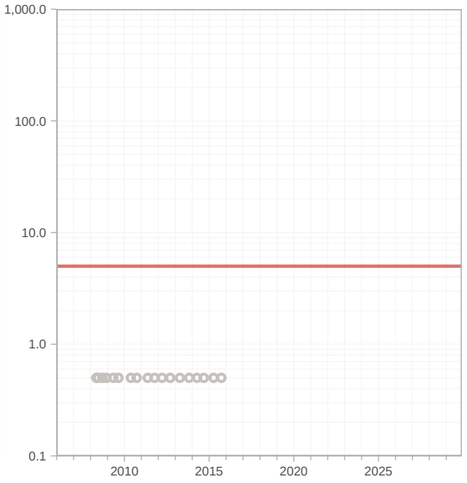
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



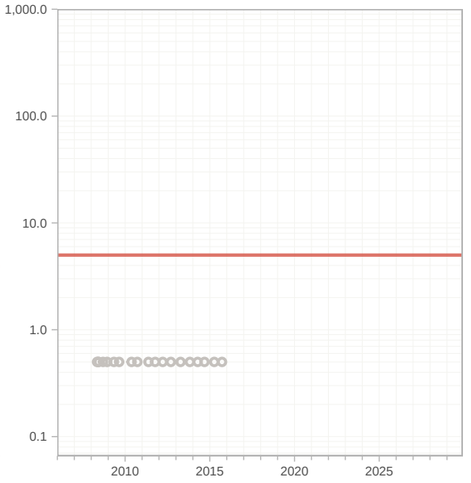
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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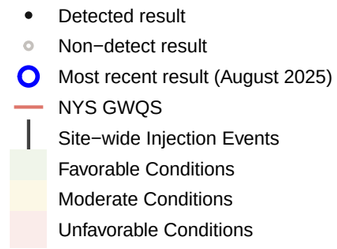
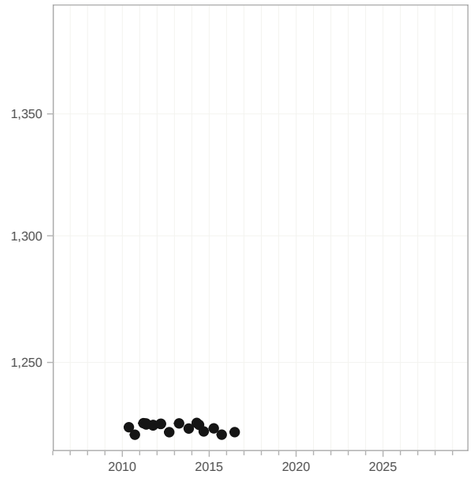
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−21 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

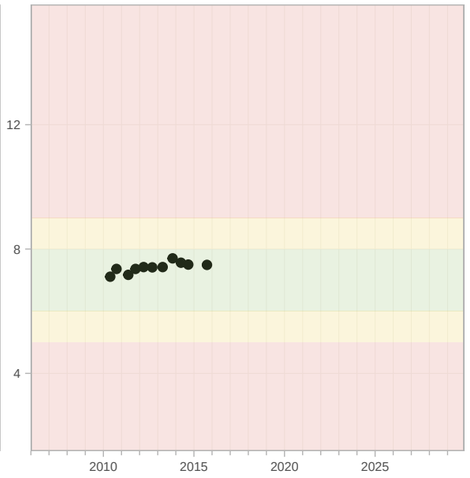
Groundwater Elevation (ft amsl)



All | N = 18; ND = 0; %ND = 0; M−K = stable

Sulfide

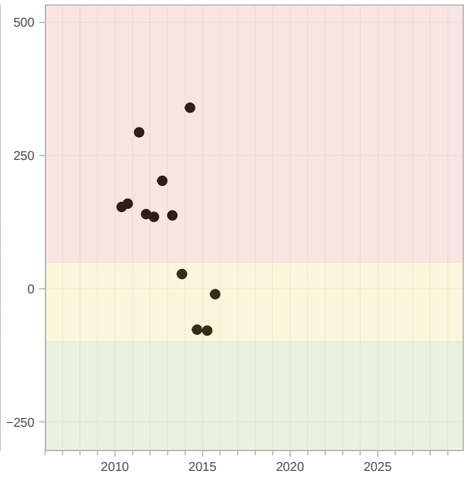
pH (SU)



All | N = 11; ND = 0; %ND = 0; M−K = strong increasing

Methane

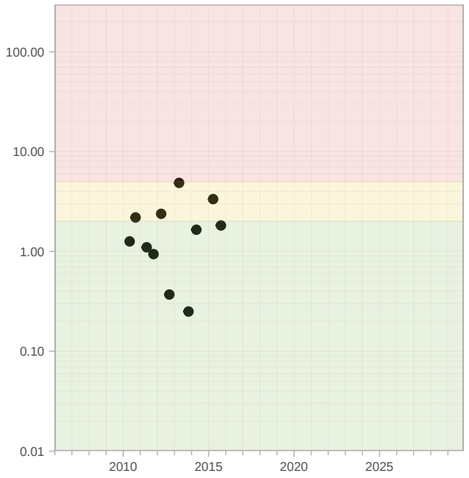
Oxidation/Reduction Potential (mV)



All | N = 12; ND = 0; %ND = 0; M−K = decreasing

Iron − Ferrous

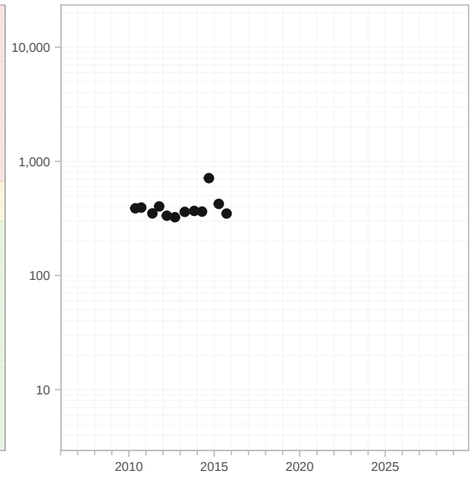
Dissolved Oxygen (mg/L)



All | N = 11; ND = 0; %ND = 0; M−K = stable

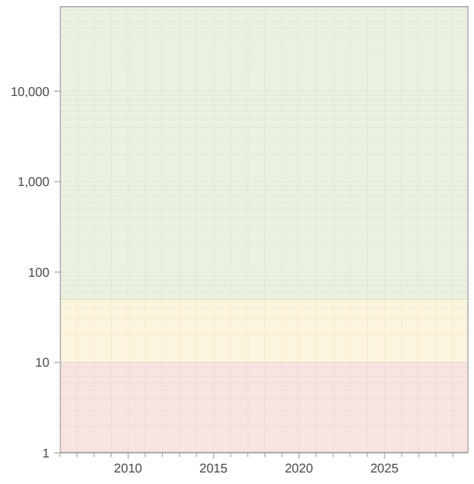
Total Organic Carbon (mg/L)

Specific Conductance (uS/cm)

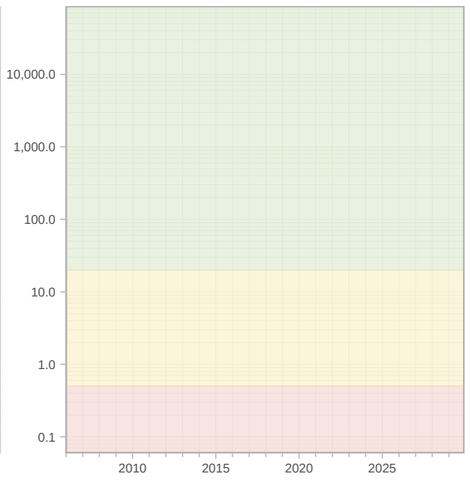


All | N = 12; ND = 0; %ND = 0; M−K = stable

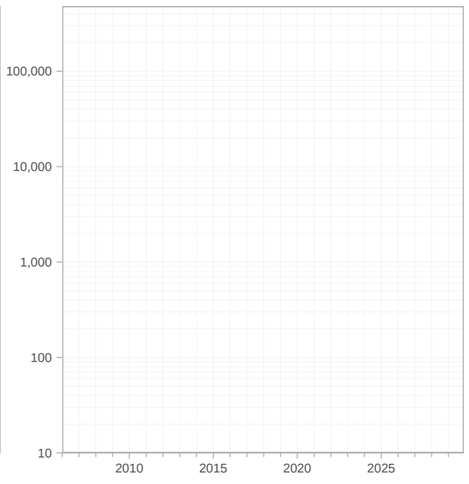
Total Volatile Fatty Acids



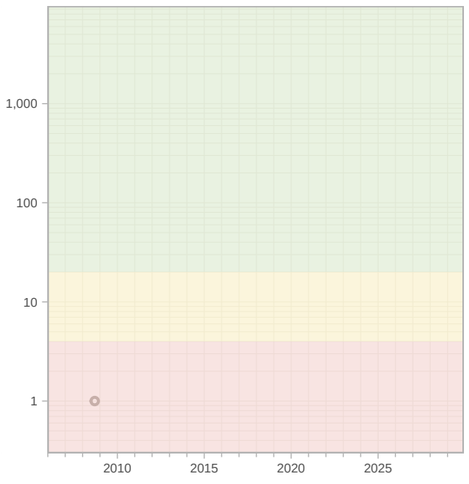
No Data



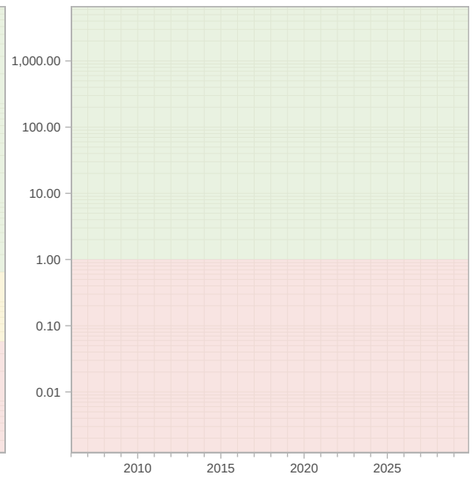
No Data



No Data



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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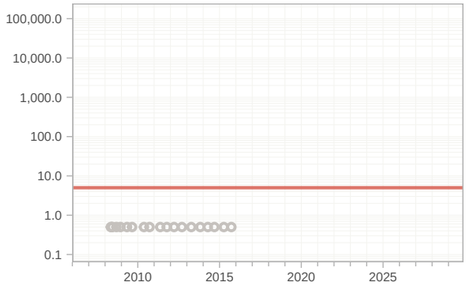
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−27 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

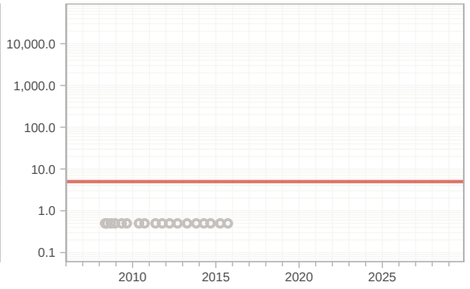
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

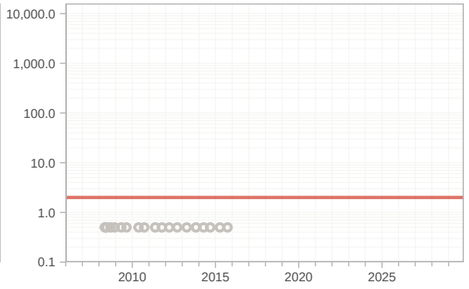
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

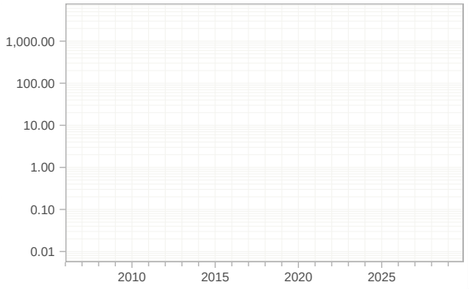
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



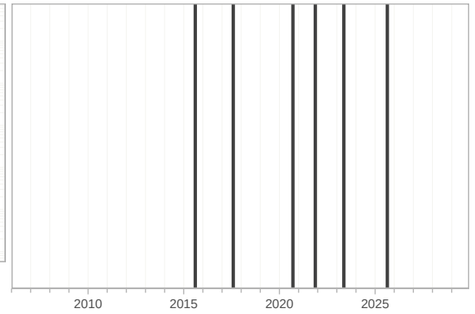
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Ethane + Ethene



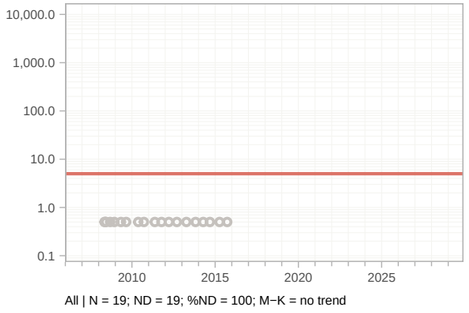
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

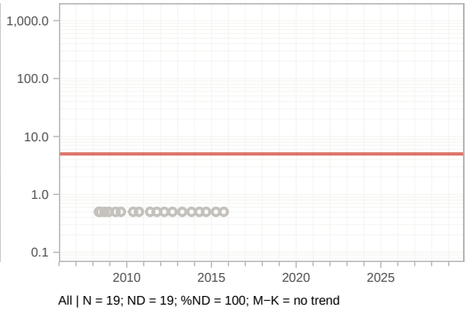
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

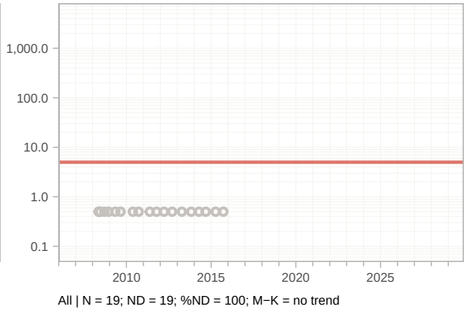
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

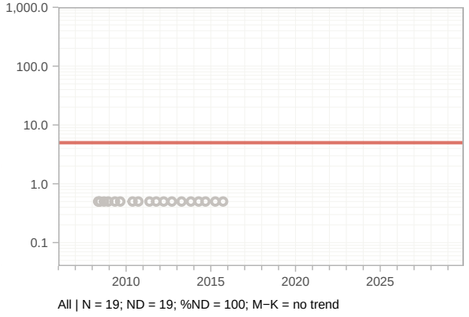
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

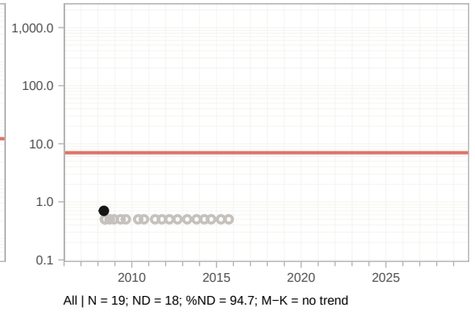
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

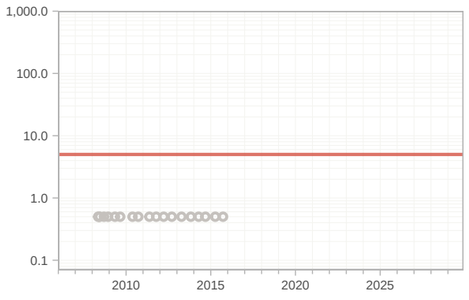
NYS GWQS = 7 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

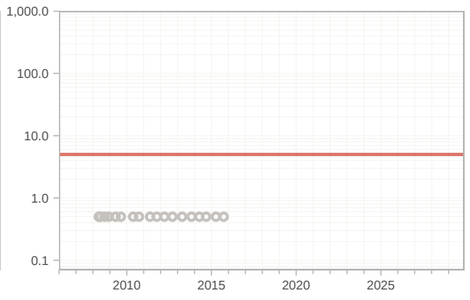
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloromethane (ug/L)

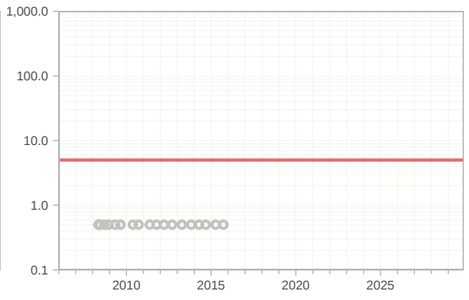
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

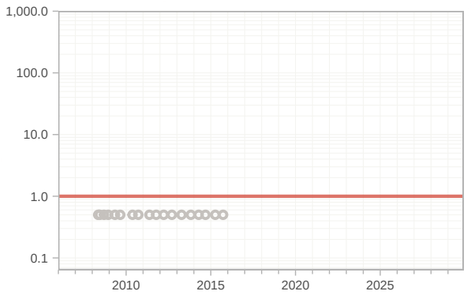
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

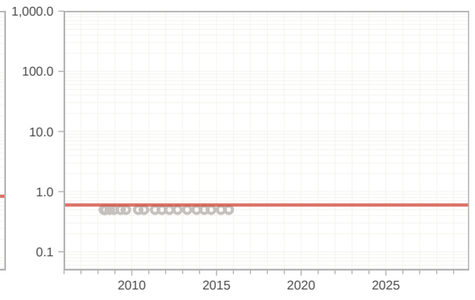
NYS GWQS = 1 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

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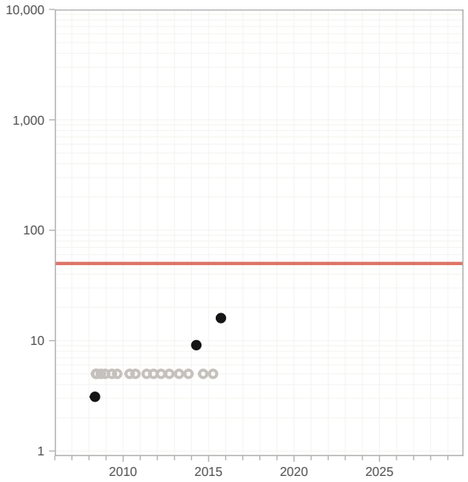
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

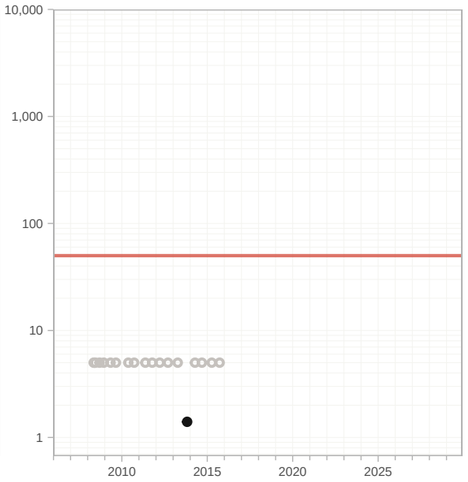
BP−27 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



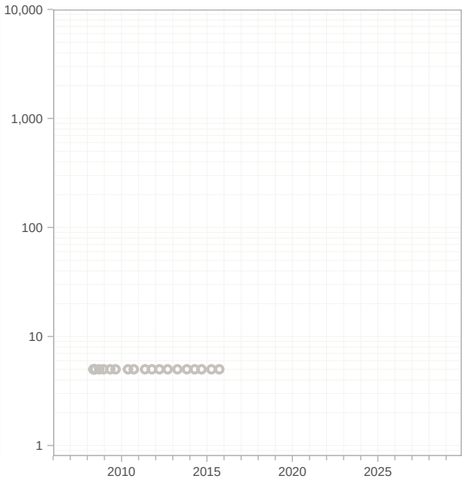
All | N = 19; ND = 16; %ND = 84.2; M−K = increasing

Butanone (2−) (MEK) (ug/L)



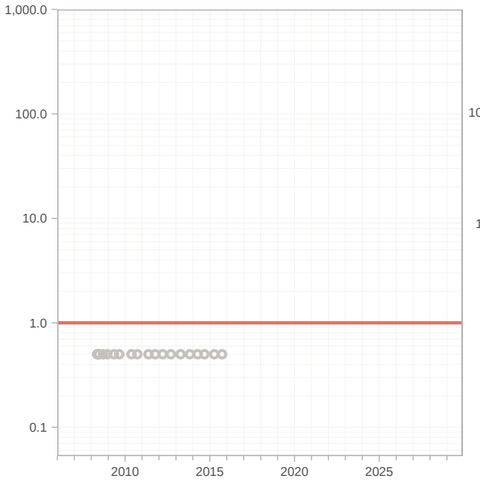
All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



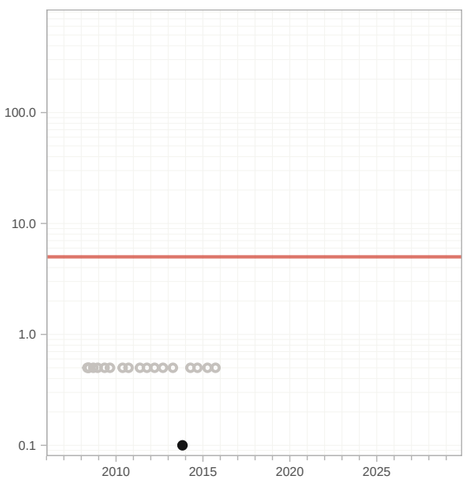
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Benzene (ug/L)



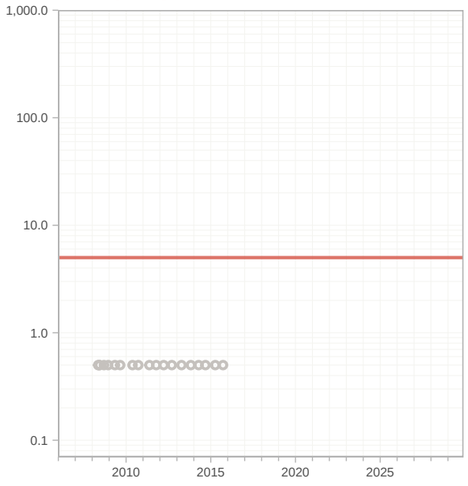
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Toluene (ug/L)



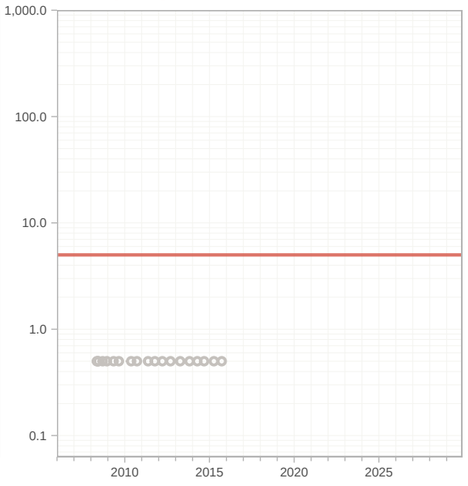
All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Ethylbenzene (ug/L)



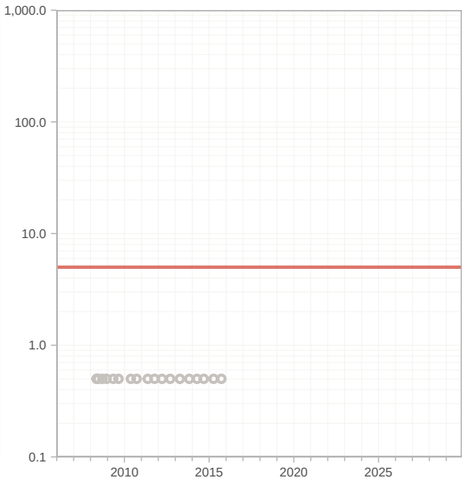
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



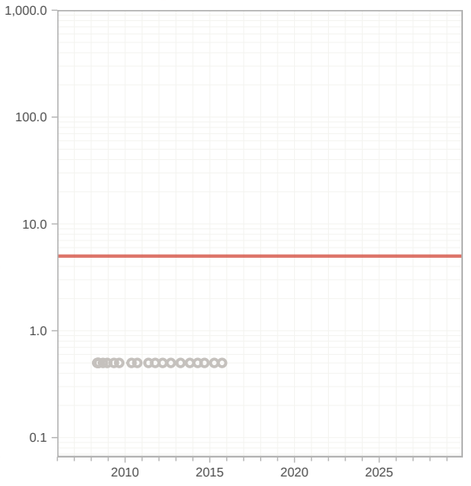
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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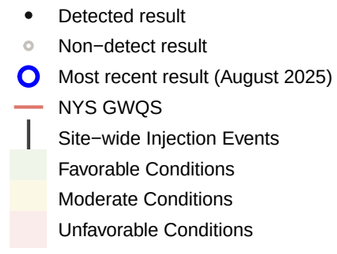
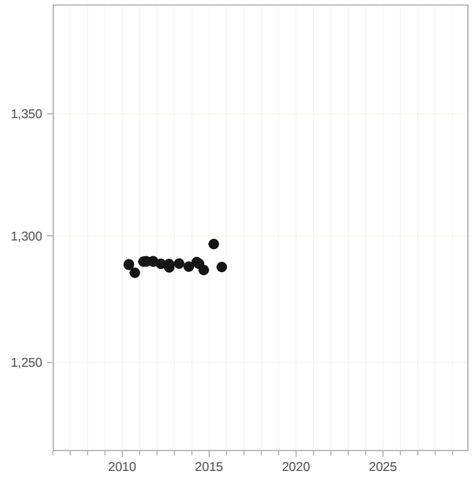


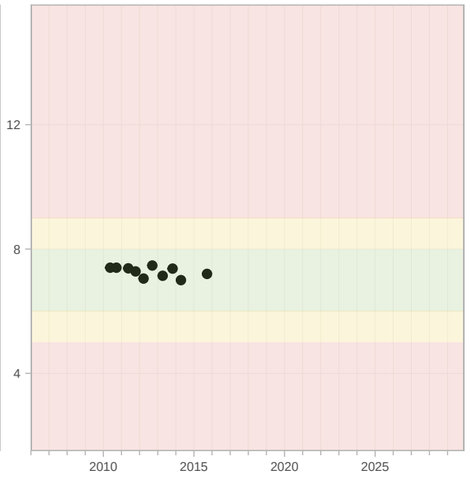
BP−27 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



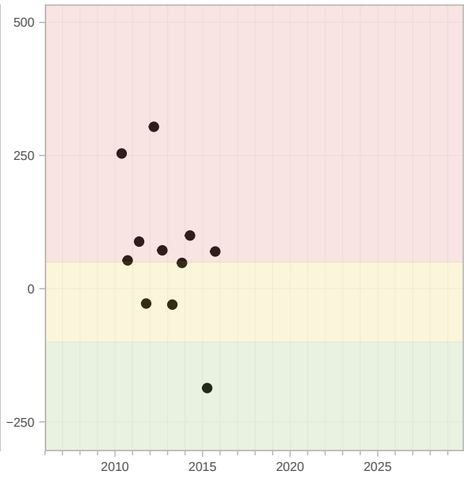
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH (SU)



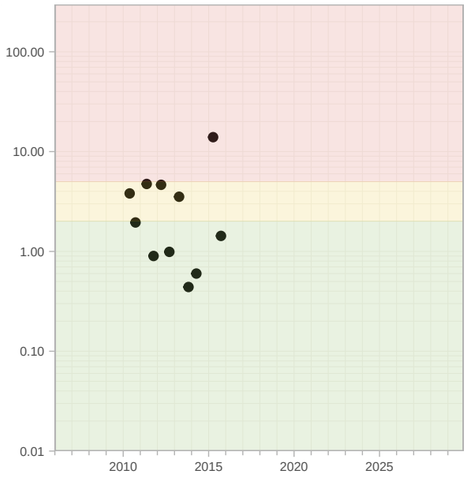
All | N = 10; ND = 0; %ND = 0; M−K = probably decreasing

Oxidation/Reduction Potential (mV)



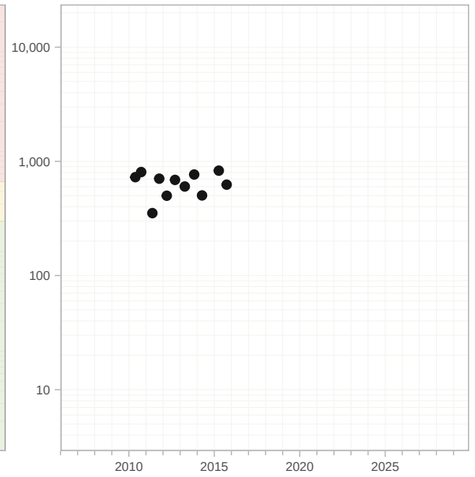
All | N = 11; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



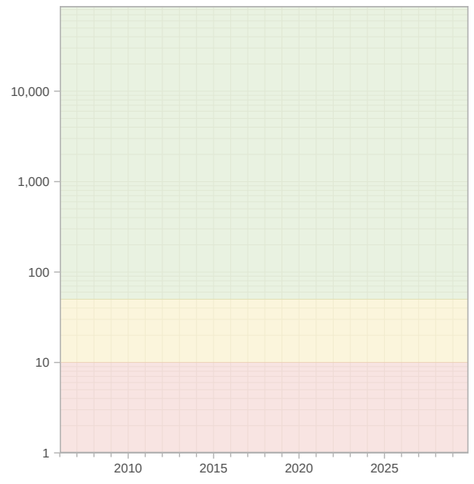
All | N = 11; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



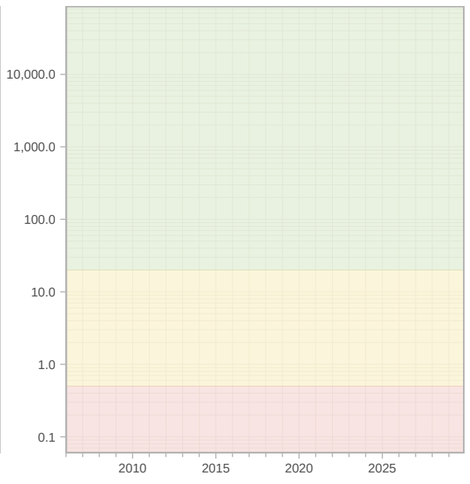
All | N = 11; ND = 0; %ND = 0; M−K = stable

Sulfide



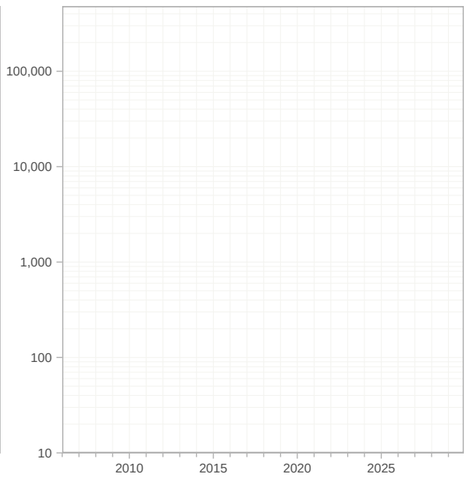
No Data

Methane



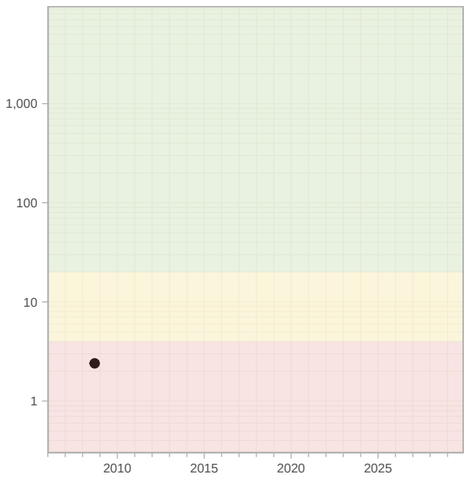
No Data

Iron − Ferrous



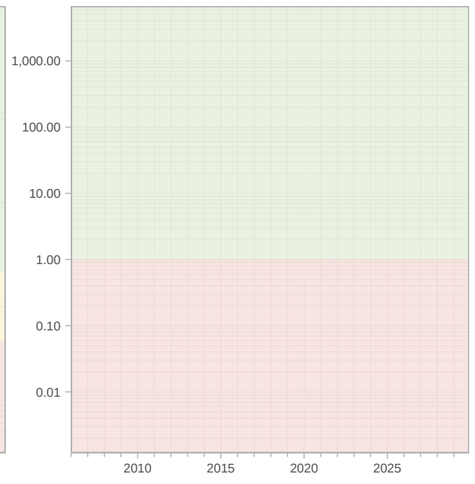
No Data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

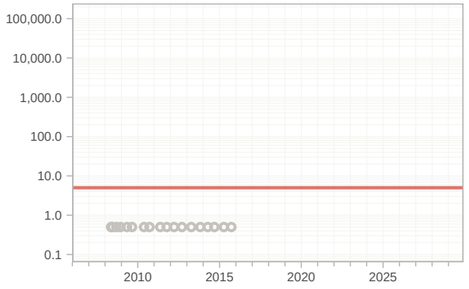
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−29 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

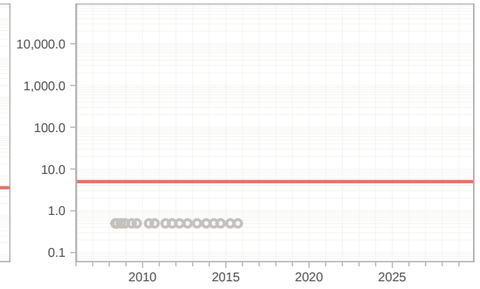
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

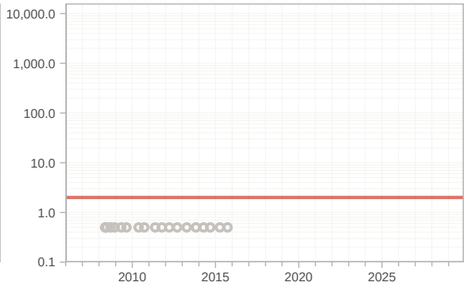
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

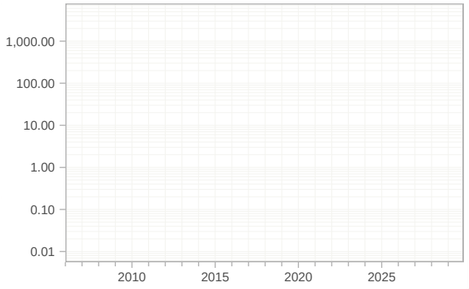
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



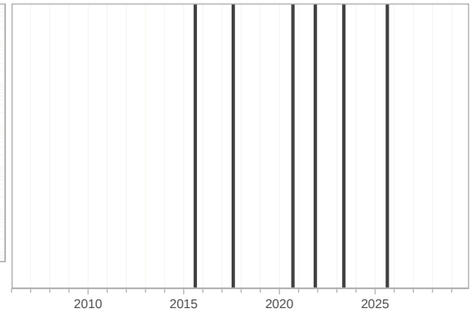
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Ethane + Ethene



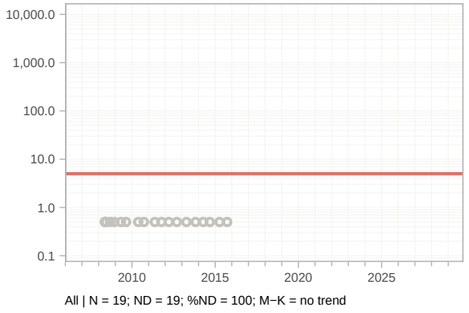
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

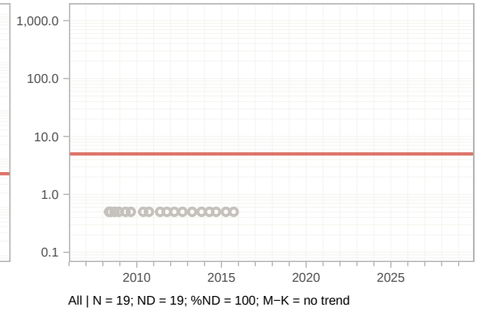
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

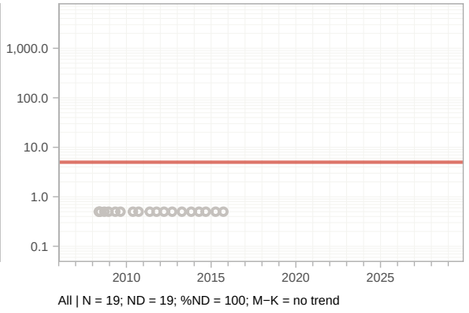
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

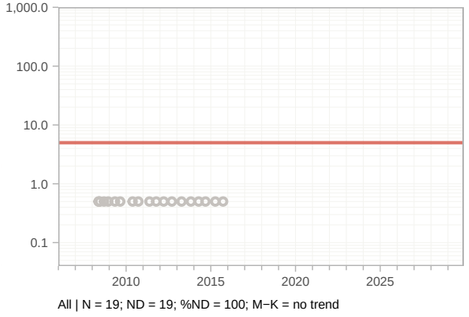
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

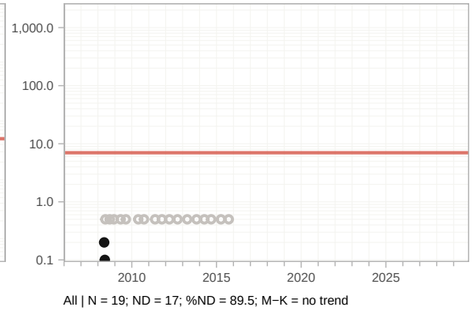
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

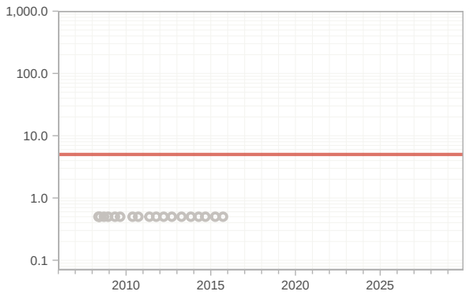
NYS GWQS = 7 ug/L



All | N = 19; ND = 17; %ND = 89.5; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

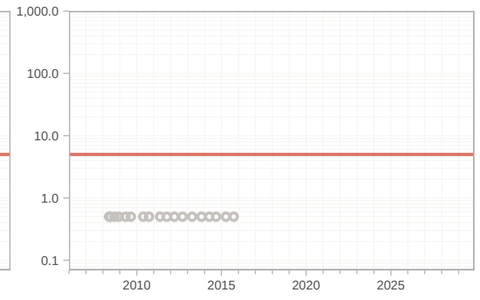
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloromethane (ug/L)

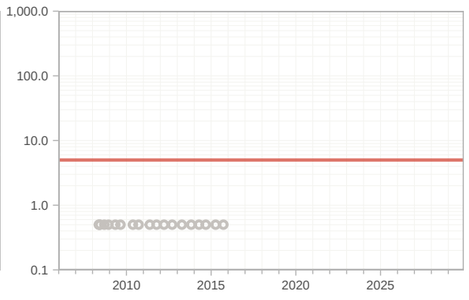
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

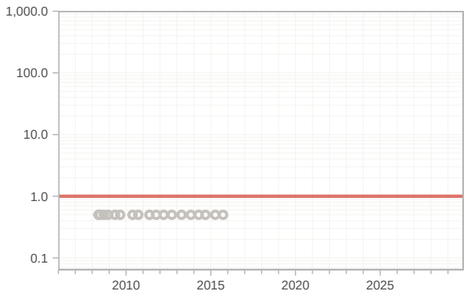
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

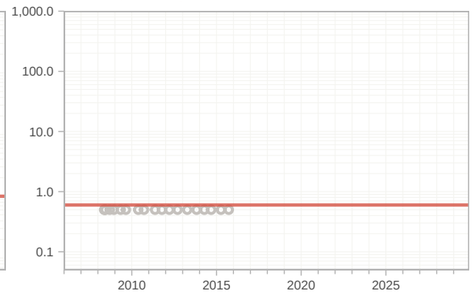
NYS GWQS = 1 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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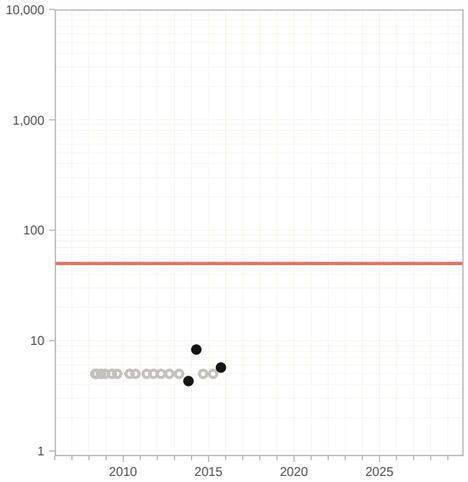
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

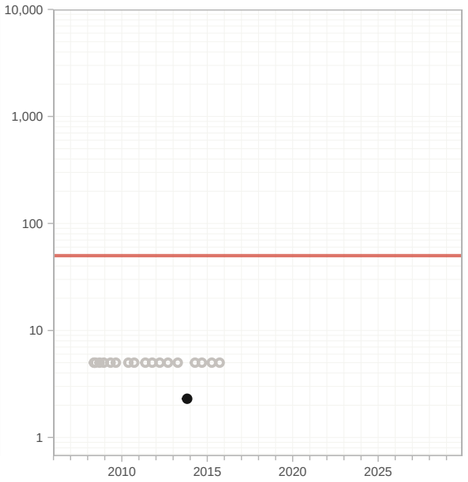
BP−29 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



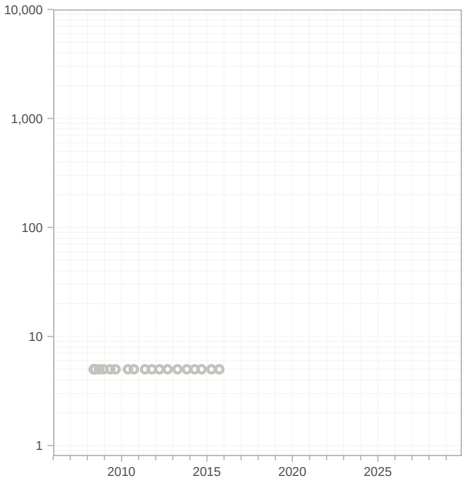
All | N = 19; ND = 16; %ND = 84.2; M−K = increasing

Butanone (2−) (MEK) (ug/L)



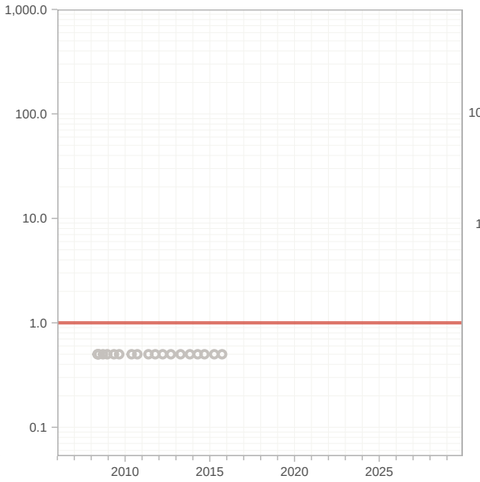
All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



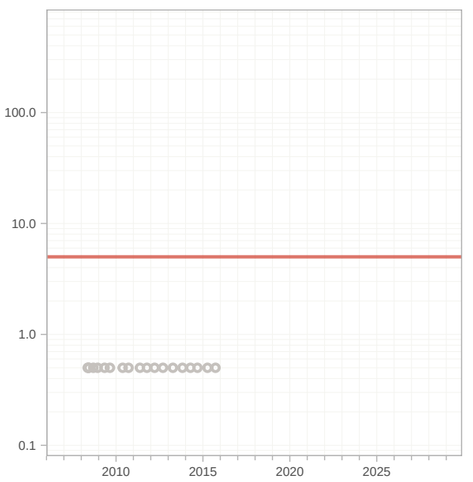
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Benzene (ug/L)



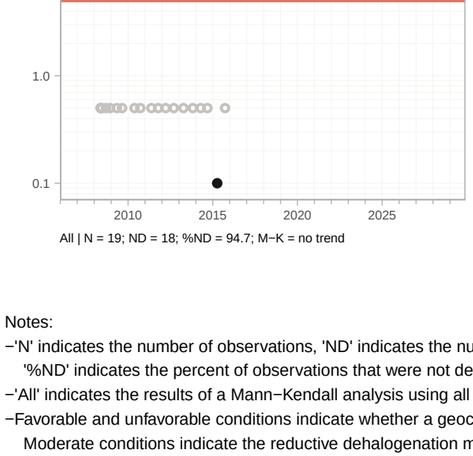
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Toluene (ug/L)



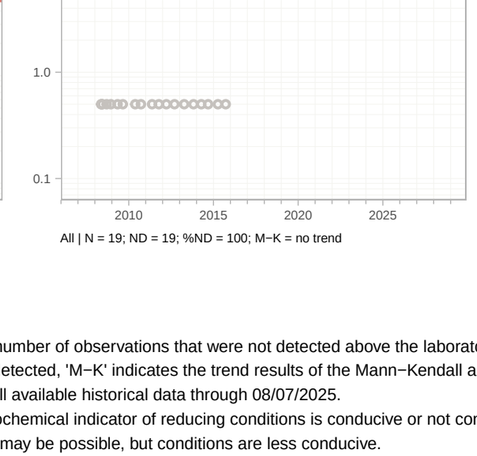
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



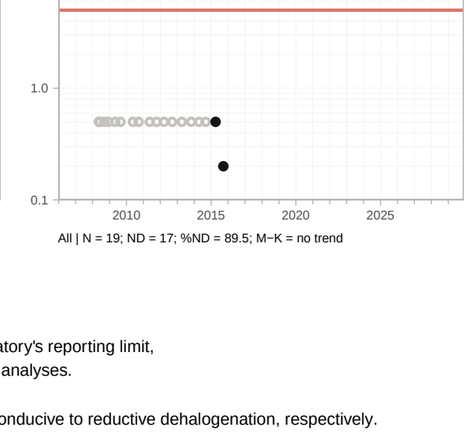
All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



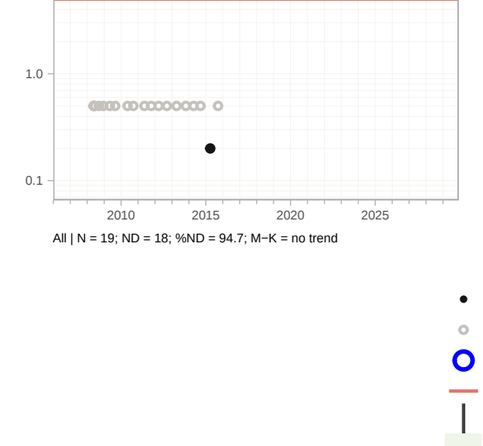
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 19; ND = 17; %ND = 89.5; M−K = no trend

Xylene (o−) (ug/L)



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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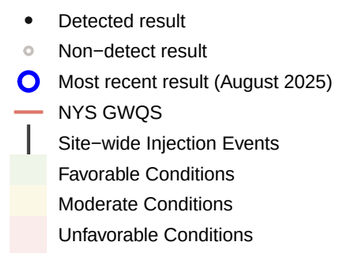
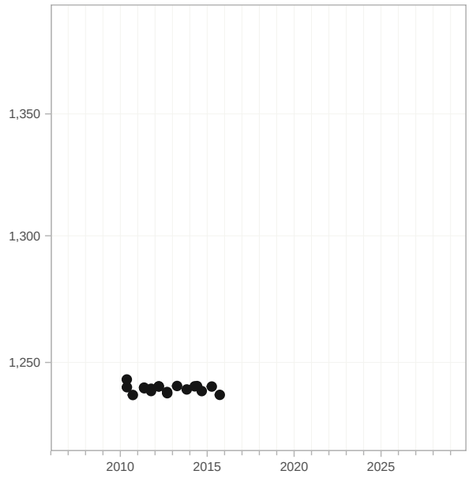


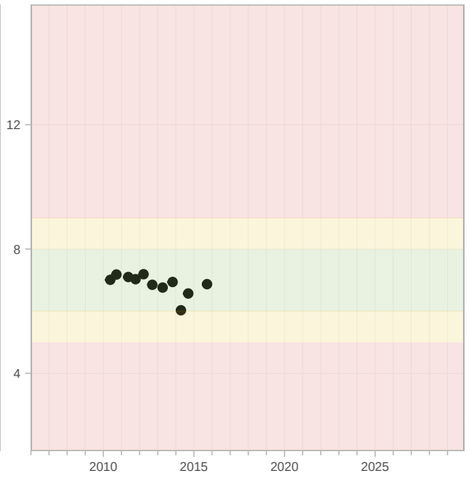
BP−29 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



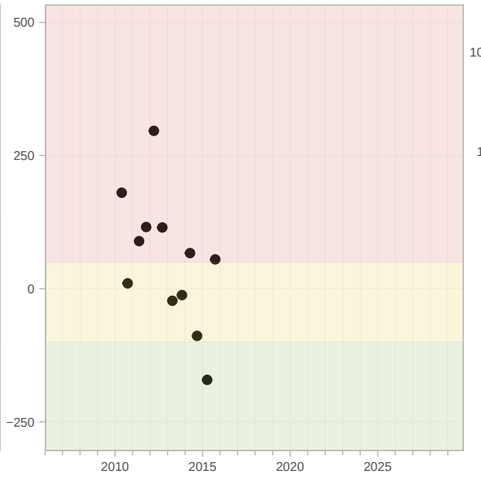
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH (SU)



All | N = 11; ND = 0; %ND = 0; M−K = decreasing

Oxidation/Reduction Potential (mV)

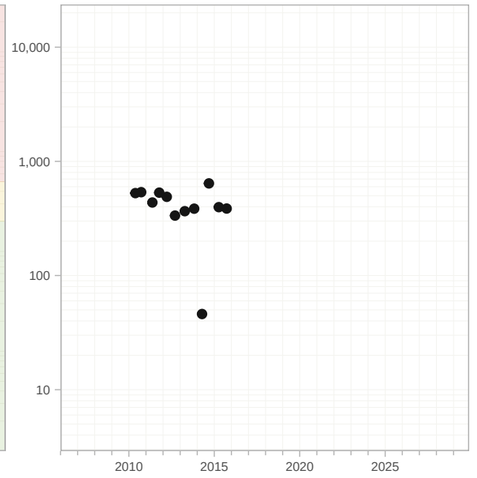


All | N = 12; ND = 0; %ND = 0; M−K = decreasing

Dissolved Oxygen (mg/L)

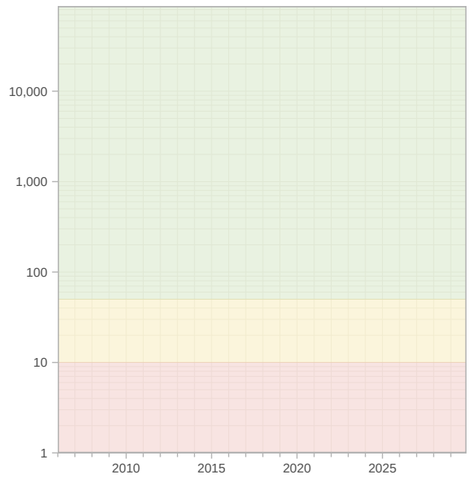
All | N = 11; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



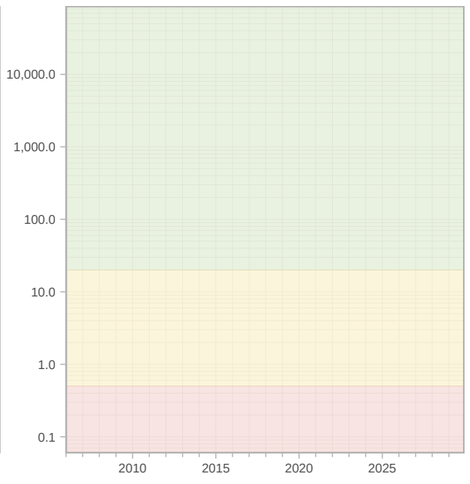
All | N = 12; ND = 0; %ND = 0; M−K = stable

Sulfide



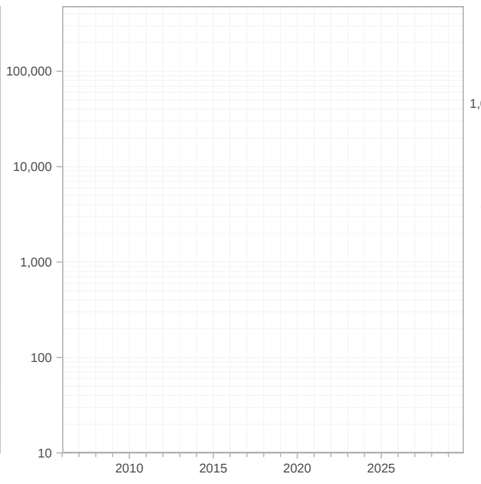
No Data

Methane



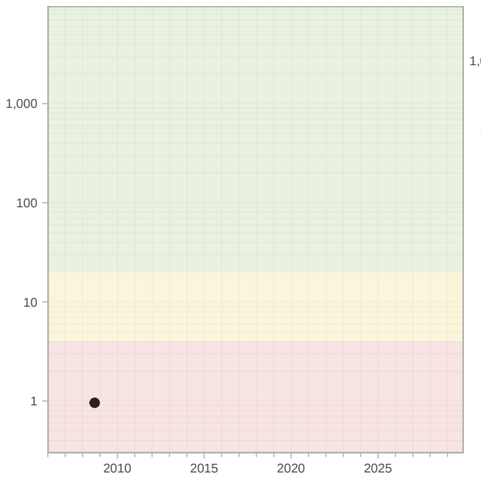
No Data

Iron − Ferrous



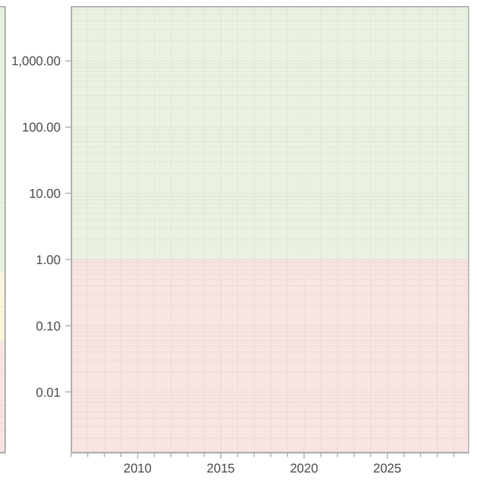
No Data

Total Organic Carbon (mg/L)



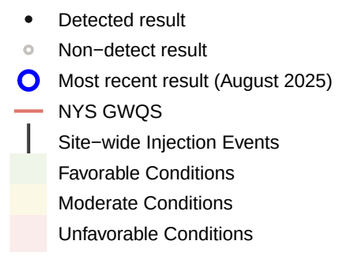
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

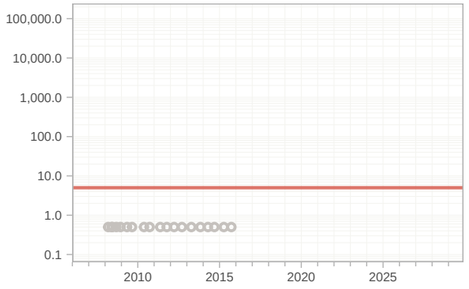
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



RP−13−885 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

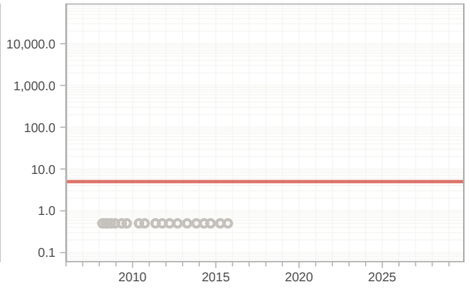
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

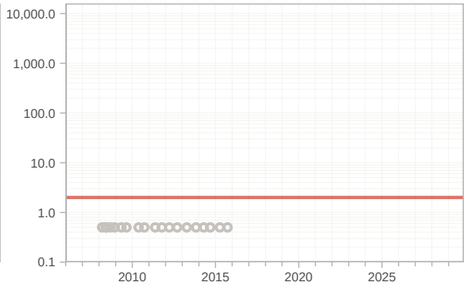
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

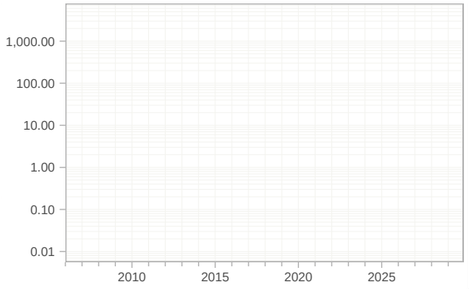
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



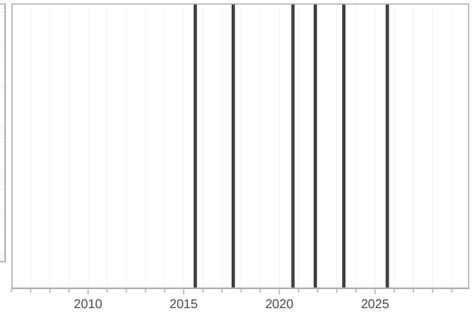
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Ethane + Ethene



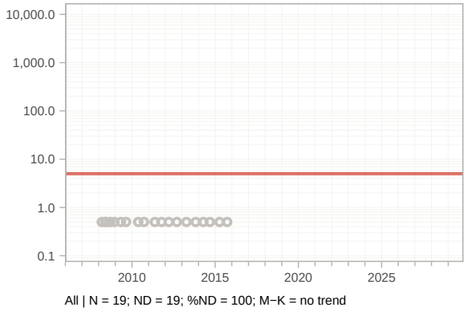
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

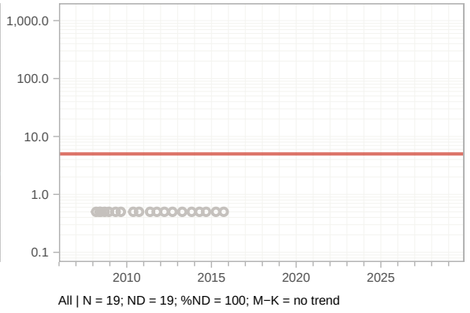
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

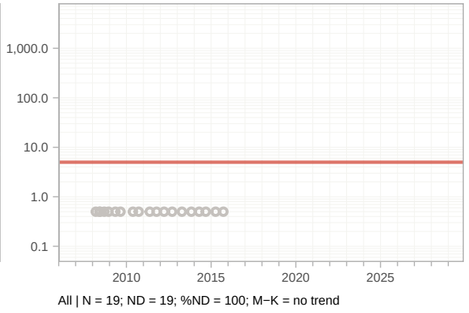
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

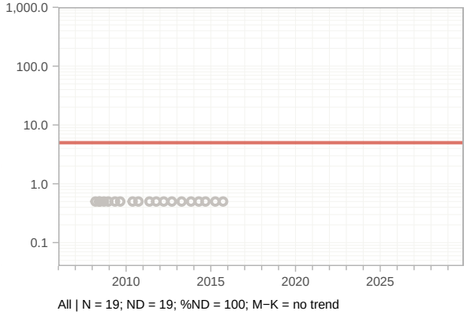
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

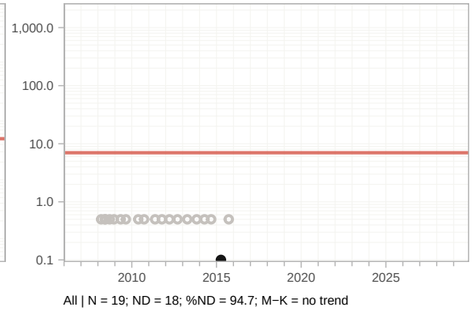
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

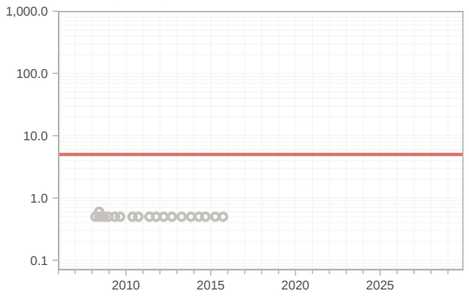
NYS GWQS = 7 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

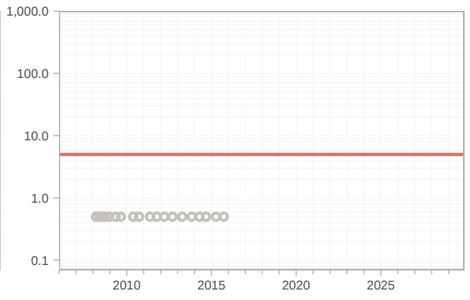
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloromethane (ug/L)

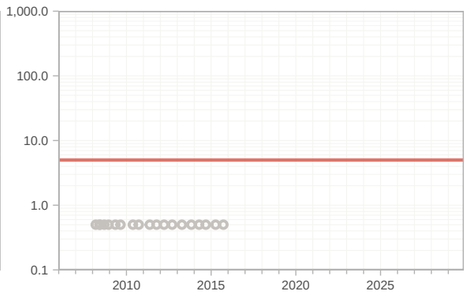
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

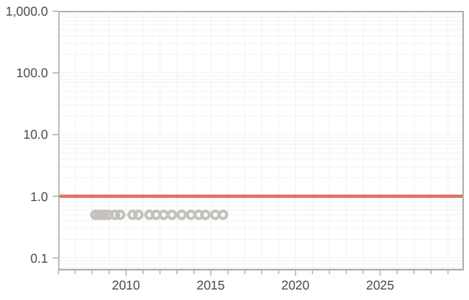
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

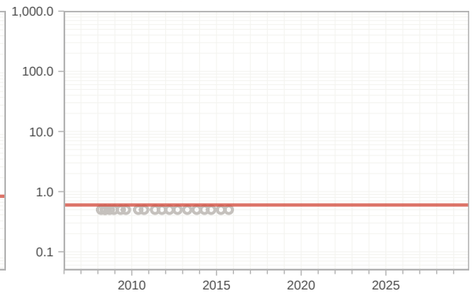
NYS GWQS = 1 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Notes:
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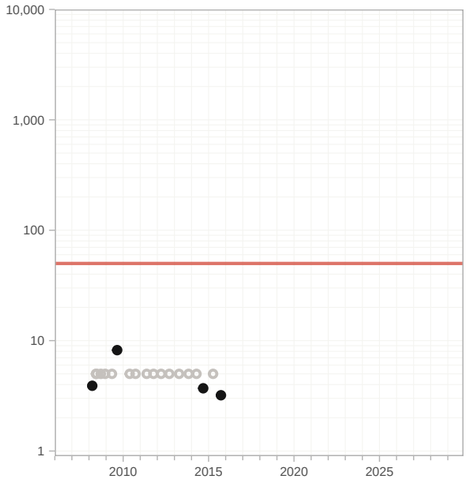
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

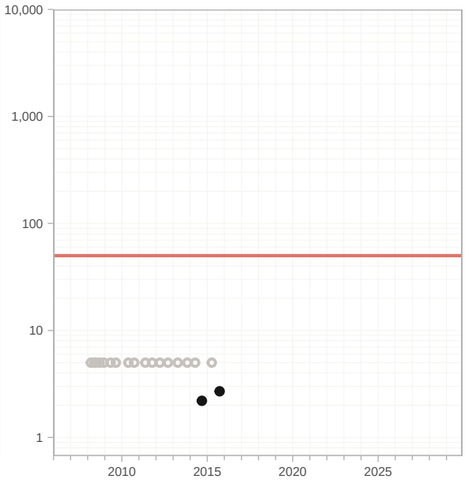
RP−13−885 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



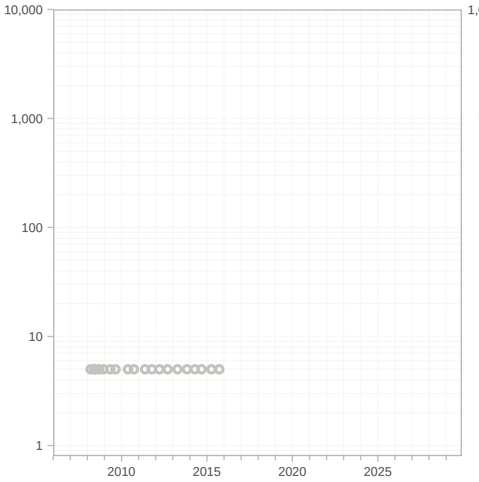
All | N = 19; ND = 15; %ND = 78.9; M−K = stable

Butanone (2−) (MEK) (ug/L)



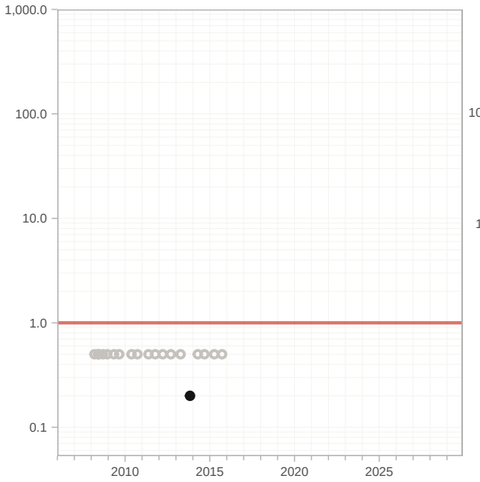
All | N = 19; ND = 17; %ND = 89.5; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



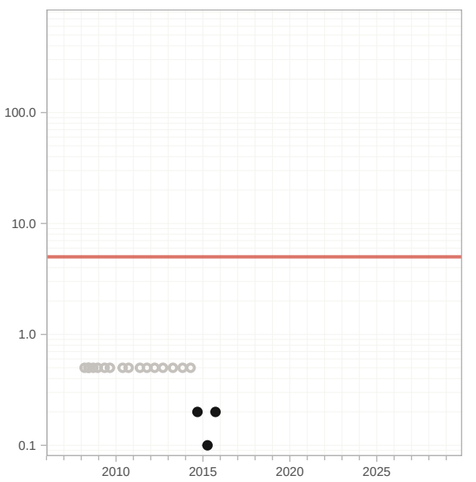
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Benzene (ug/L)



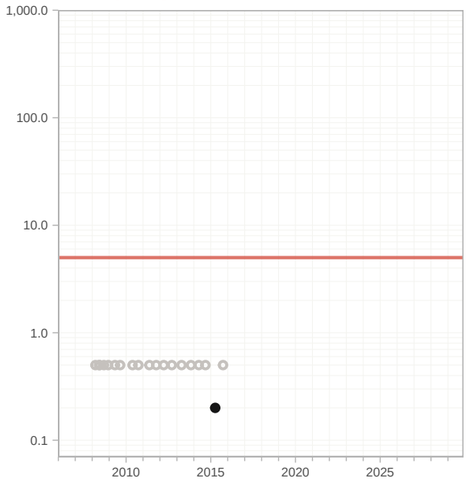
All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Toluene (ug/L)



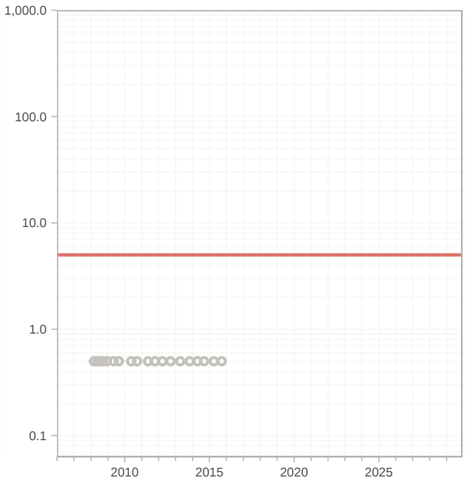
All | N = 19; ND = 16; %ND = 84.2; M−K = no trend

Ethylbenzene (ug/L)



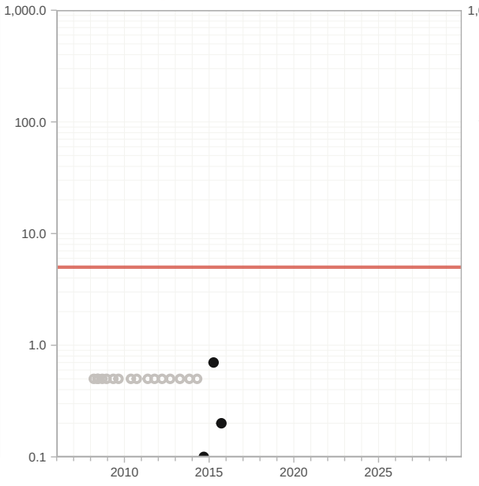
All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



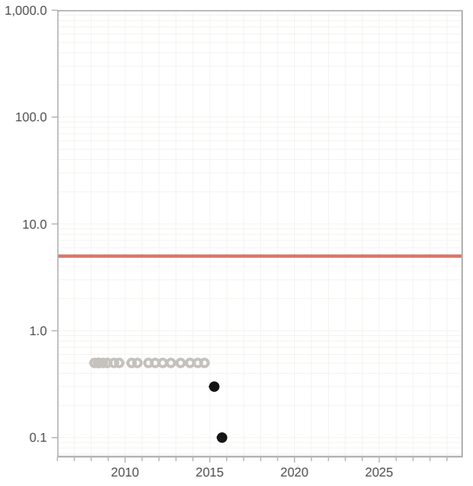
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 19; ND = 16; %ND = 84.2; M−K = no trend

Xylene (o−) (ug/L)



All | N = 19; ND = 17; %ND = 89.5; M−K = no trend

Notes:
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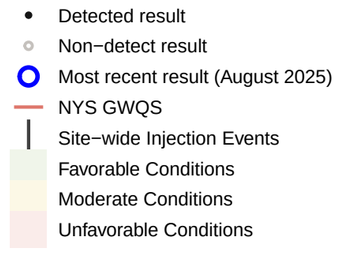
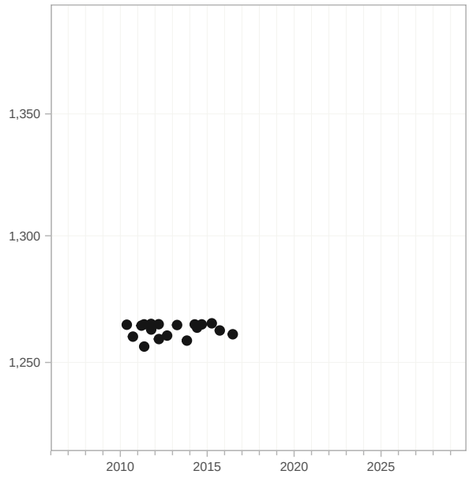


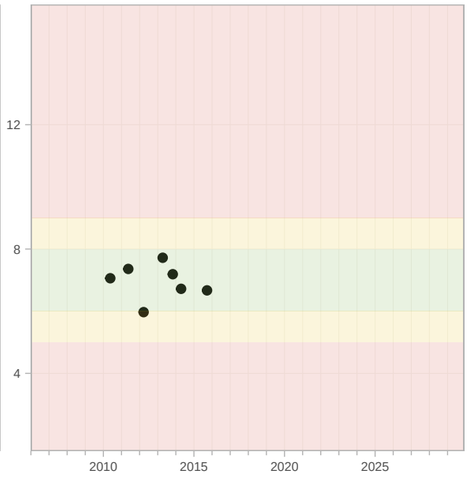
RP−13−885 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



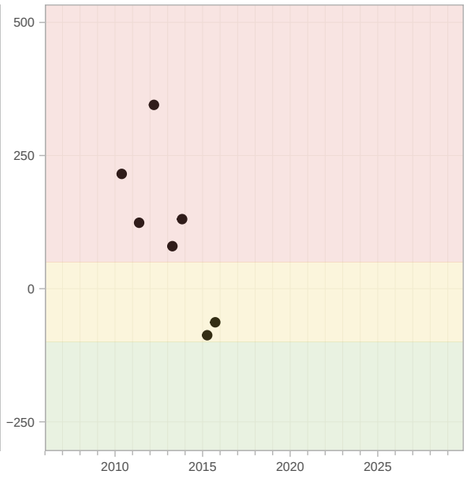
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH (SU)



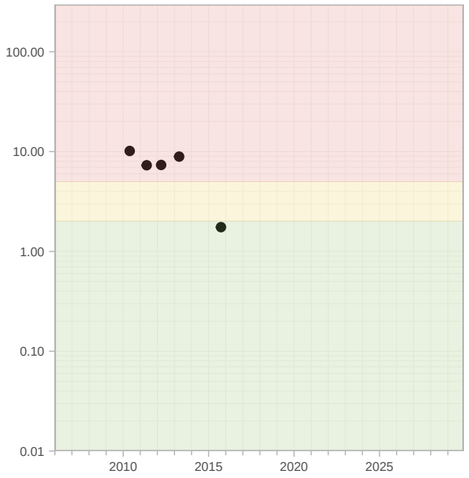
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Oxidation/Reduction Potential (mV)



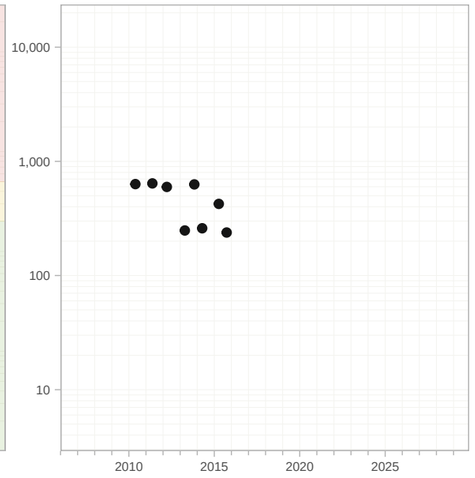
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



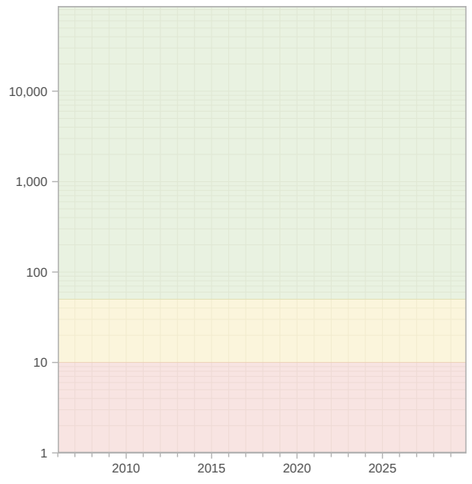
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



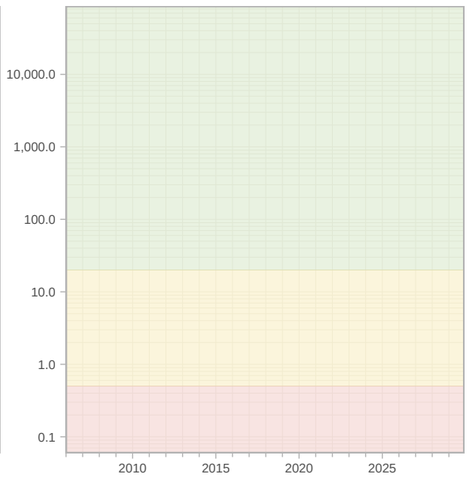
All | N = 8; ND = 0; %ND = 0; M−K = probably decreasing

Sulfide



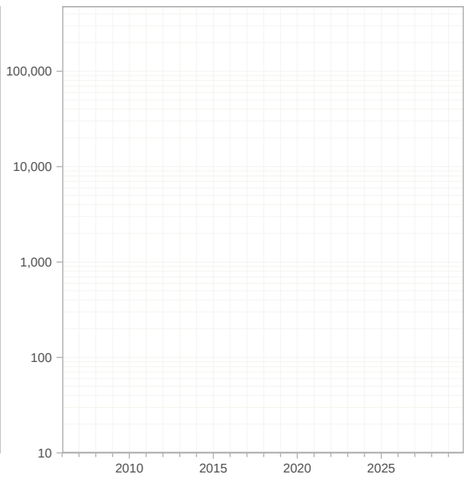
No Data

Methane



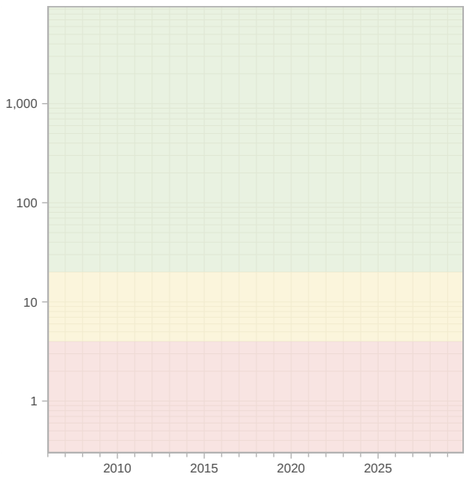
No Data

Iron − Ferrous



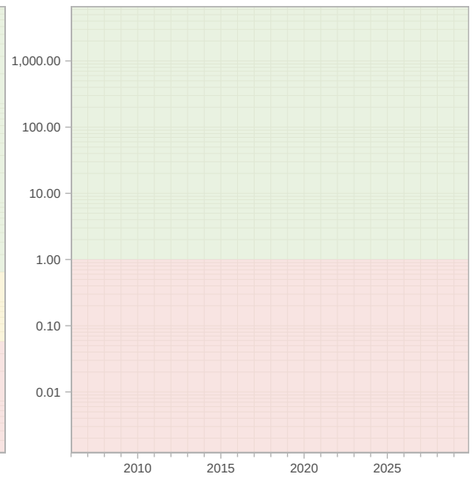
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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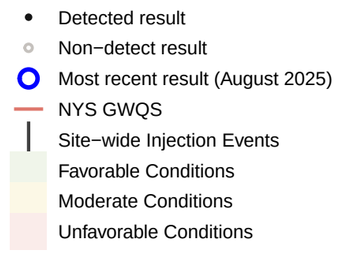
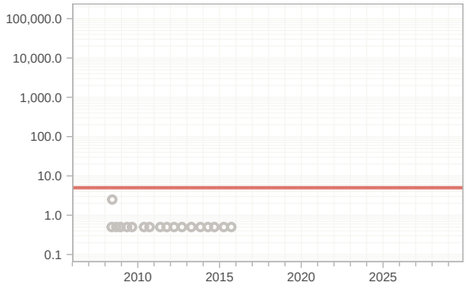


RP−9−380 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

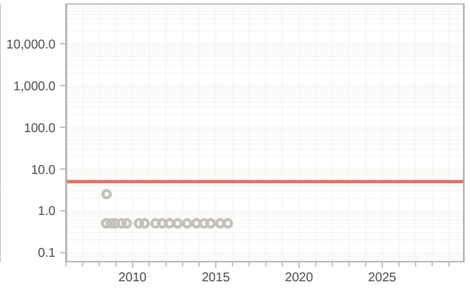
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

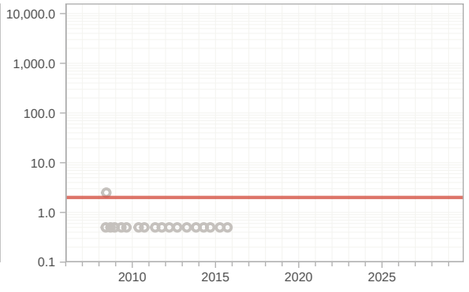
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

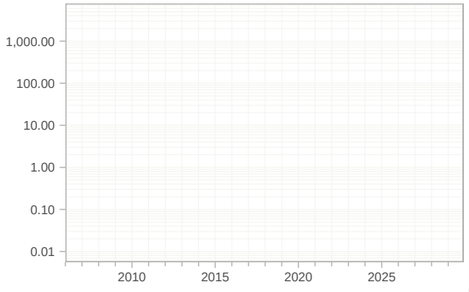
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



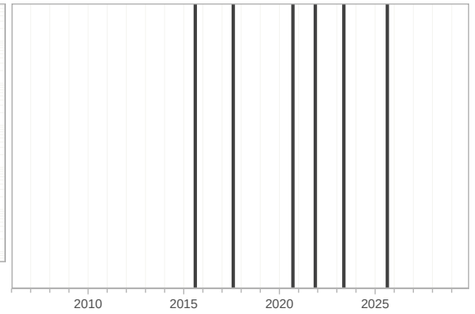
All | N = 18; ND = 18; %ND = 100; M−K = no trend

Ethane + Ethene



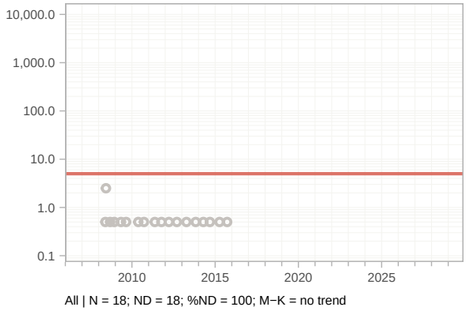
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

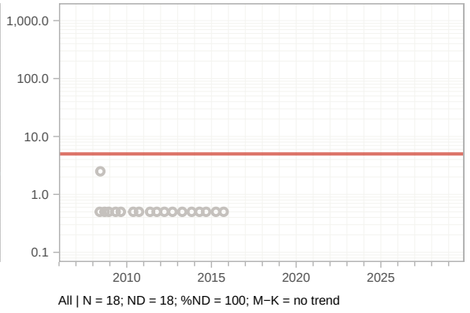
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

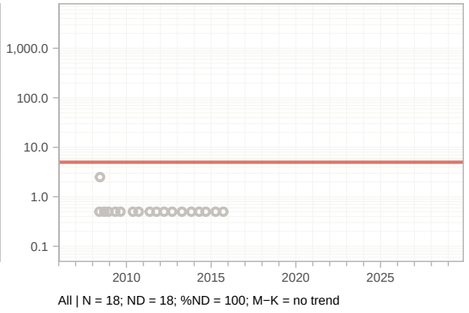
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

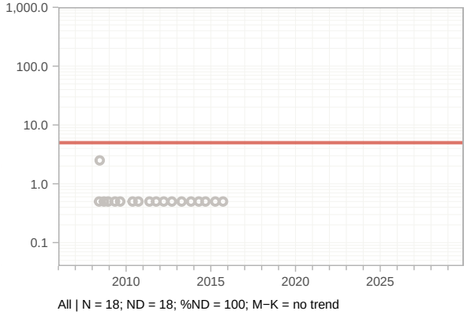
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

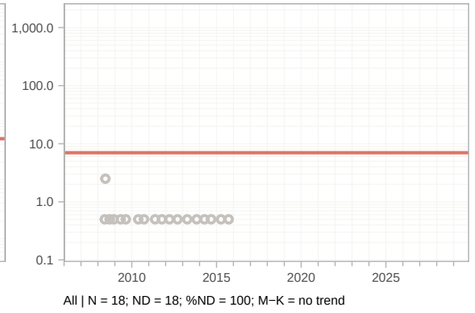
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

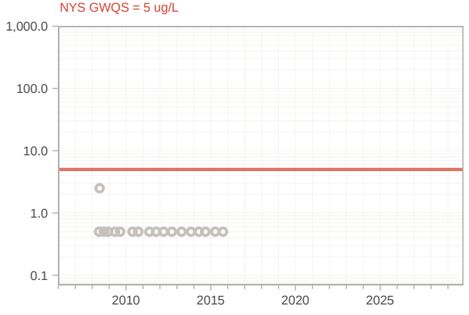
NYS GWQS = 7 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

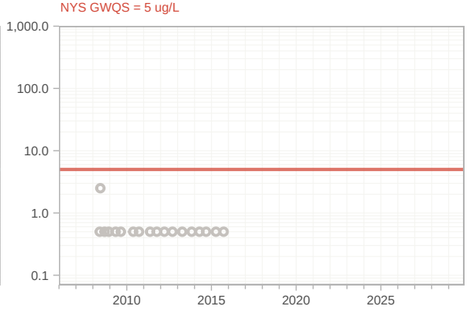
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Chloromethane (ug/L)

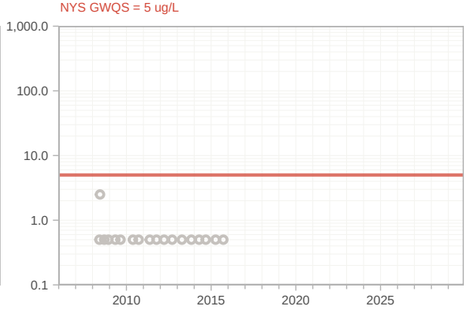
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

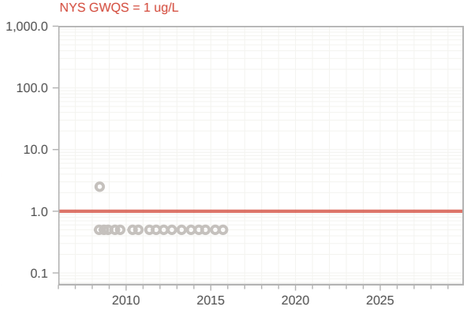
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

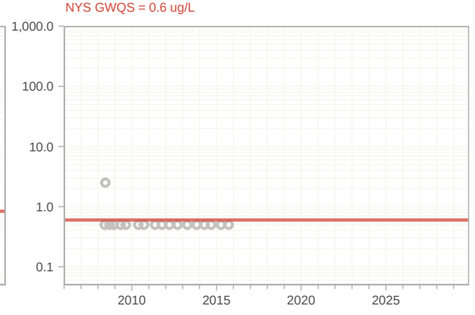
NYS GWQS = 1 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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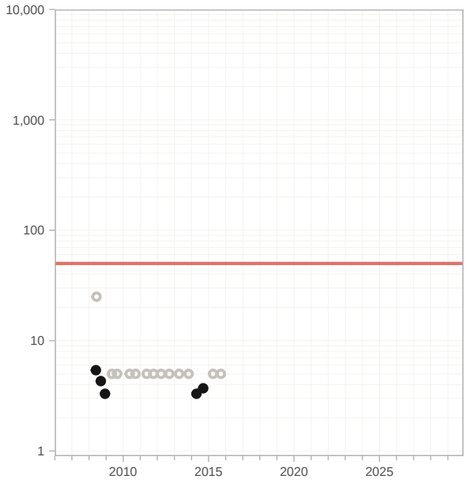
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

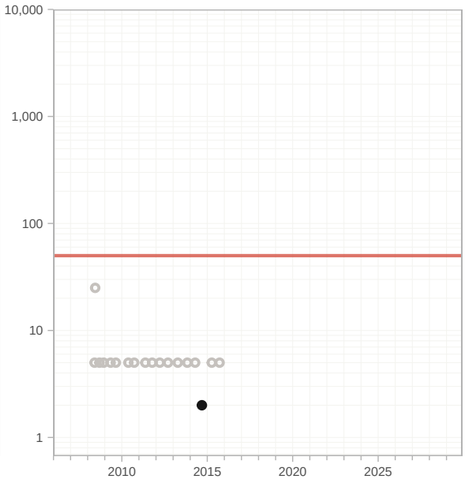
RP−9−380 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



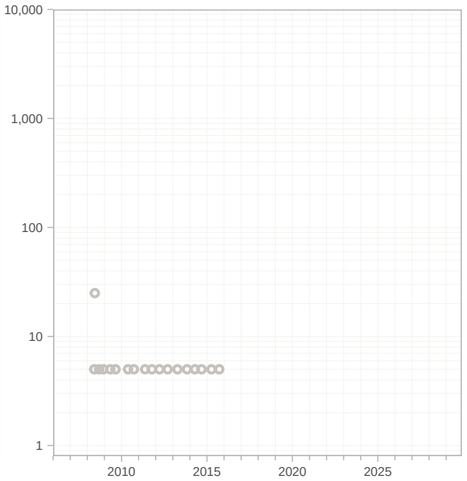
All | N = 18; ND = 13; %ND = 72.2; M−K = stable

Butanone (2−) (MEK) (ug/L)



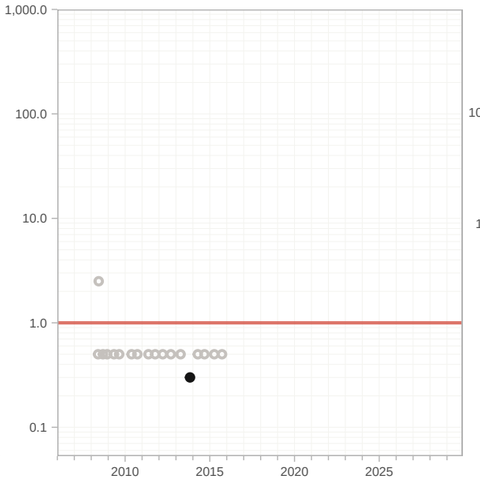
All | N = 18; ND = 17; %ND = 94.4; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



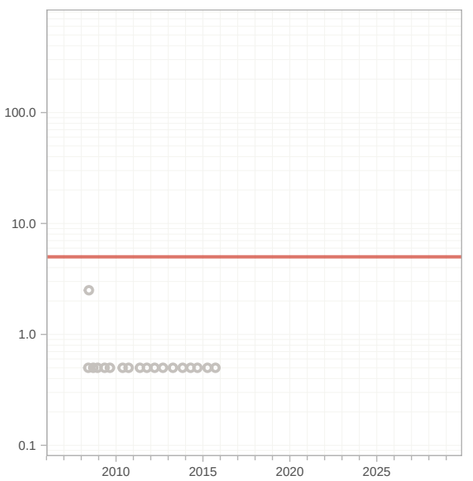
All | N = 18; ND = 18; %ND = 100; M−K = no trend

Benzene (ug/L)



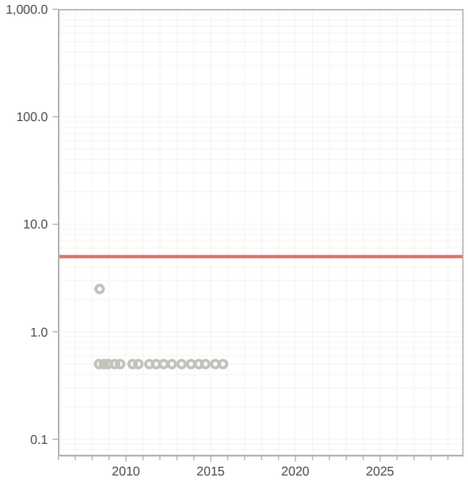
All | N = 18; ND = 17; %ND = 94.4; M−K = no trend

Toluene (ug/L)



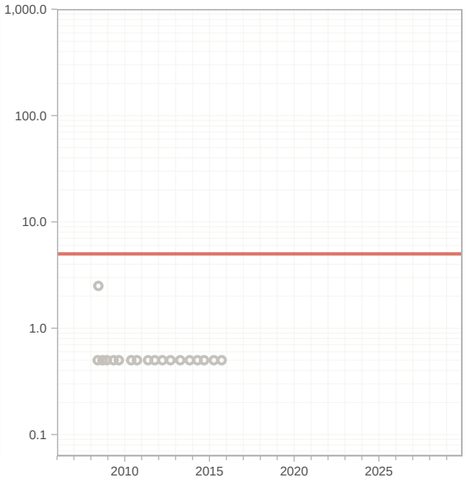
All | N = 18; ND = 18; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



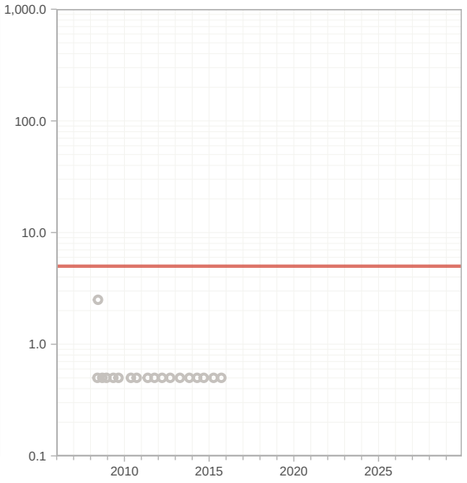
All | N = 18; ND = 18; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



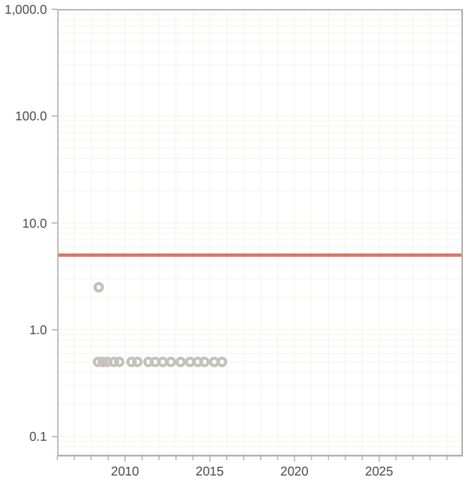
All | N = 18; ND = 18; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Notes:
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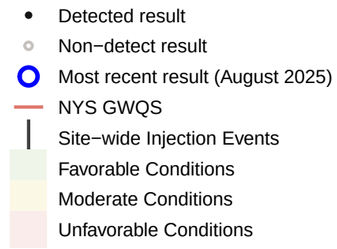
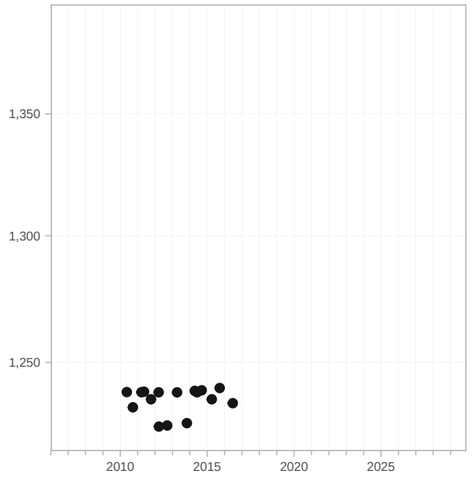


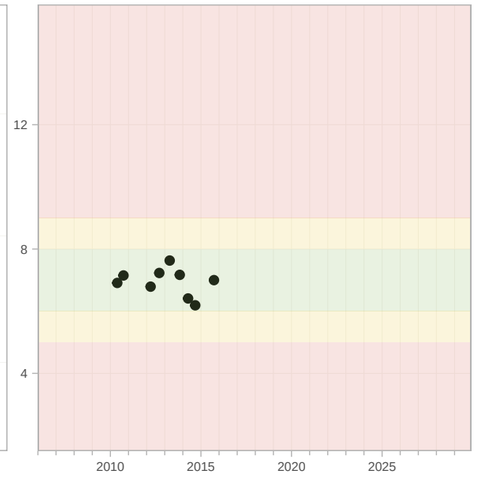
RP−9−380 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



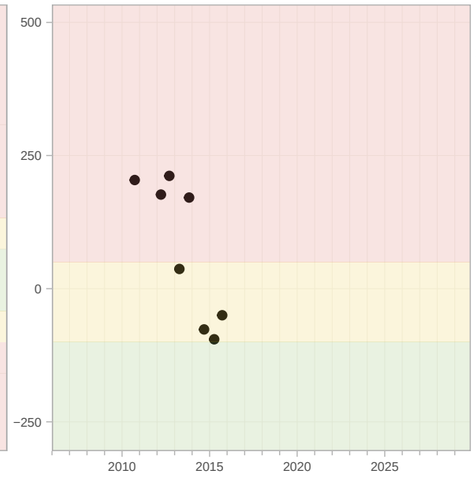
All | N = 16; ND = 0; %ND = 0; M−K = stable

pH (SU)



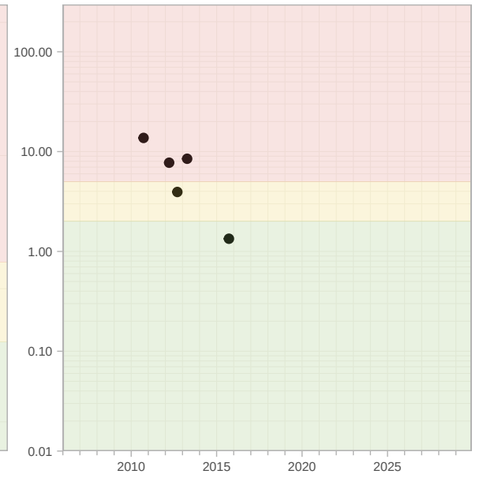
All | N = 9; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



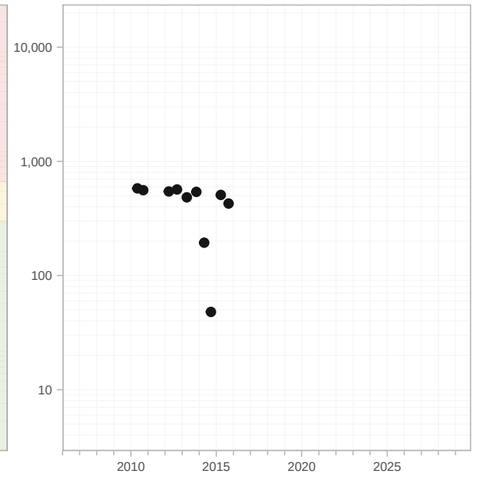
All | N = 8; ND = 0; %ND = 0; M−K = decreasing

Dissolved Oxygen (mg/L)



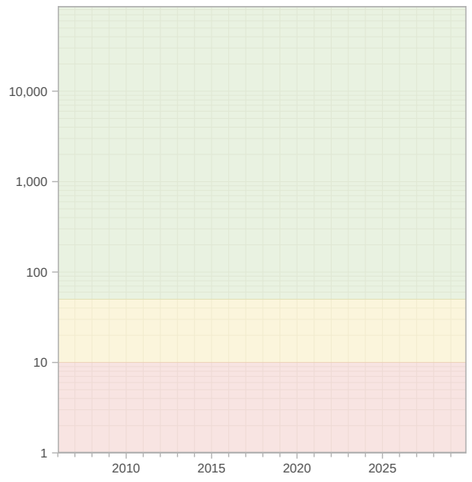
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



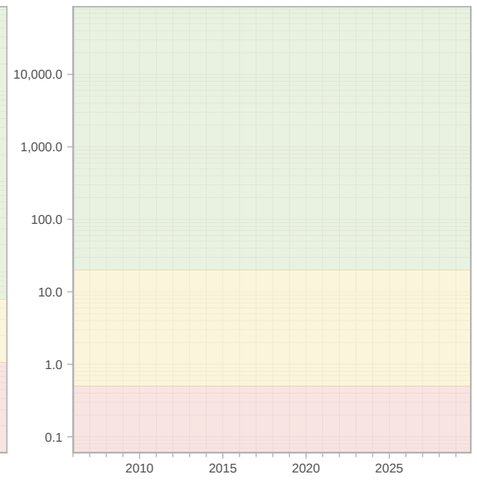
All | N = 10; ND = 0; %ND = 0; M−K = decreasing

Sulfide



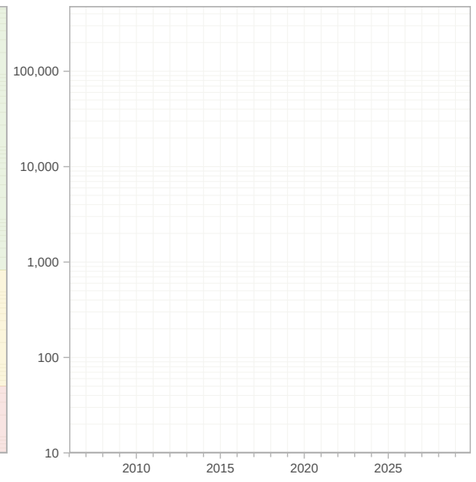
No Data

Methane



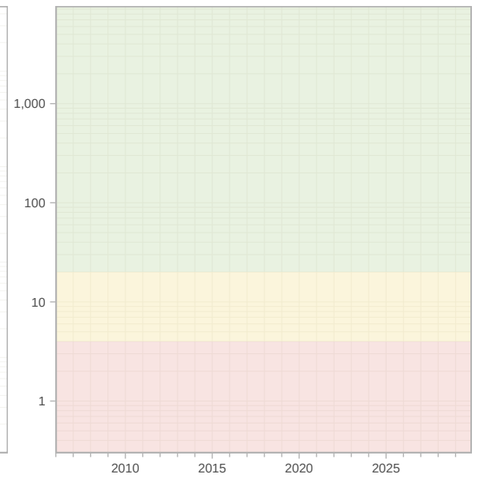
No Data

Iron − Ferrous



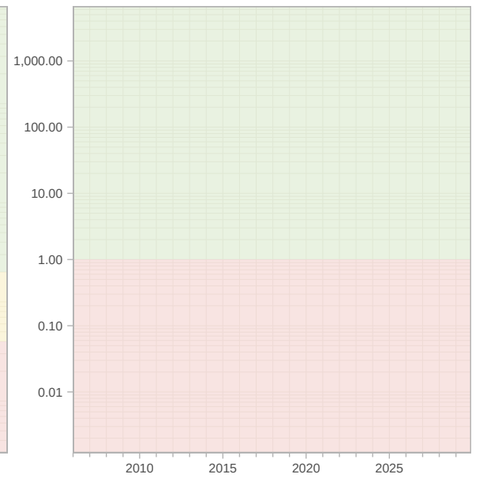
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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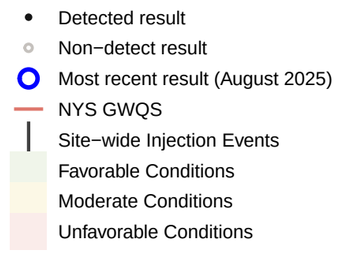
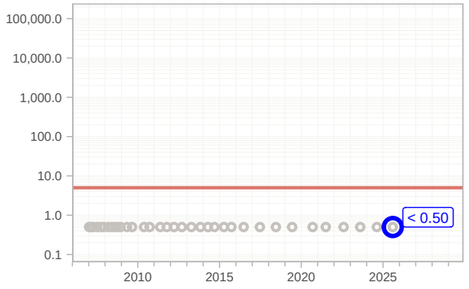


BP−12D PORT 1 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

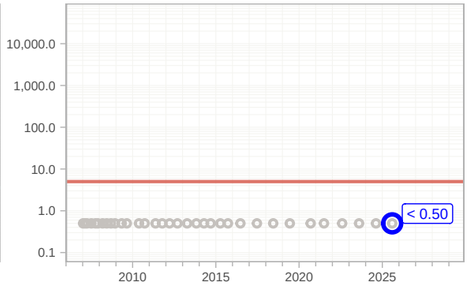
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

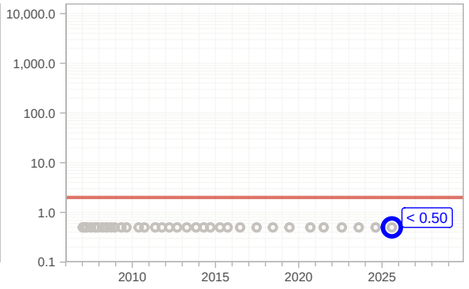
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

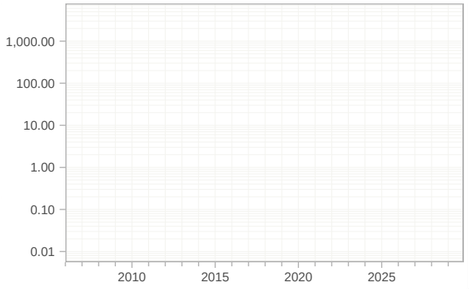
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



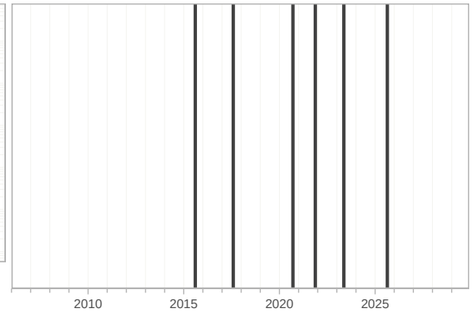
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Ethane + Ethene



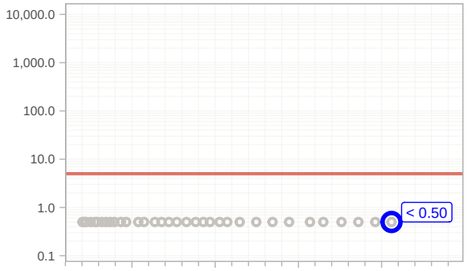
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

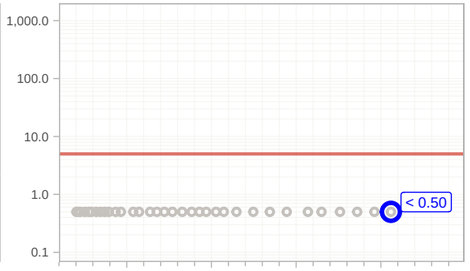
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

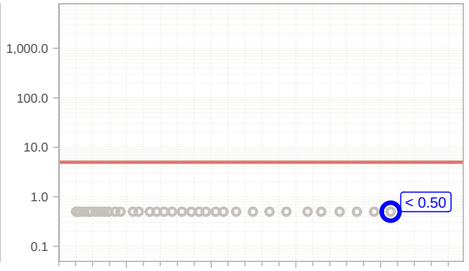
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

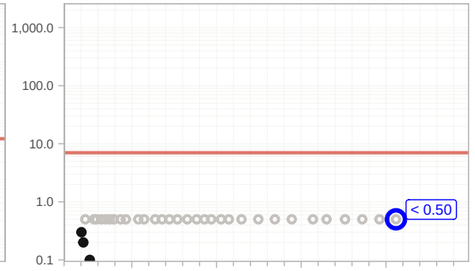
Carbon tetrachloride (ug/L)

NYS GWQS = 5 ug/L

All | N = 34; ND = 34; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

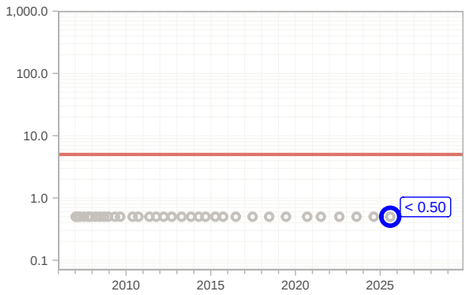
NYS GWQS = 7 ug/L



All | N = 34; ND = 31; %ND = 91.2; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

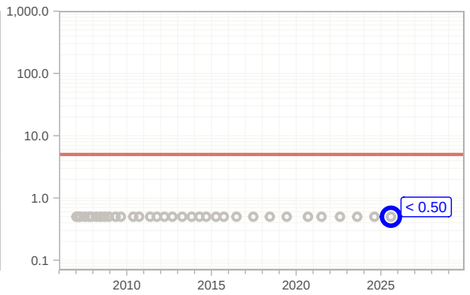
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Chloromethane (ug/L)

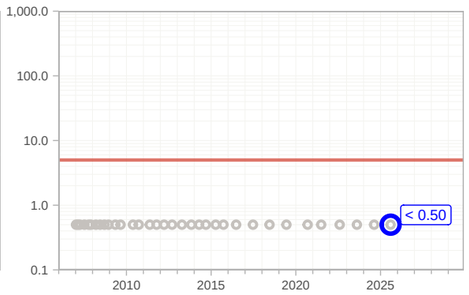
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

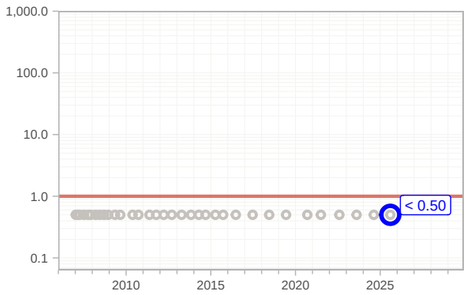
NYS GWQS = 5 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

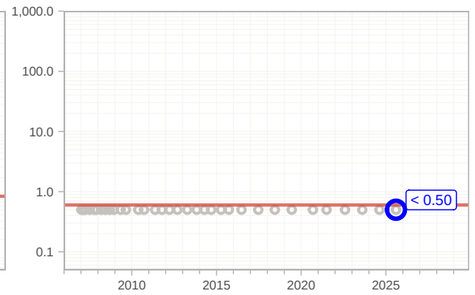
NYS GWQS = 1 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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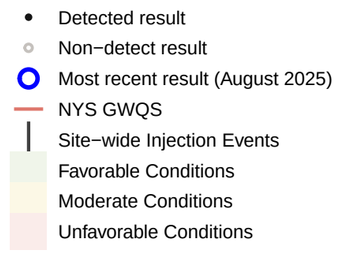
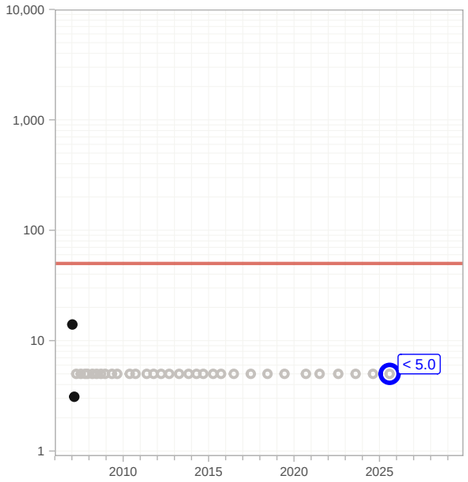


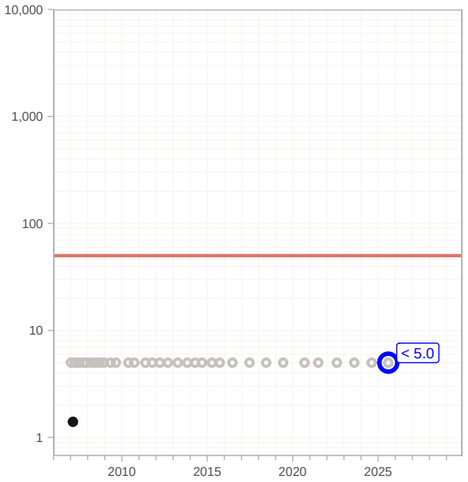
BP−12D PORT 1 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



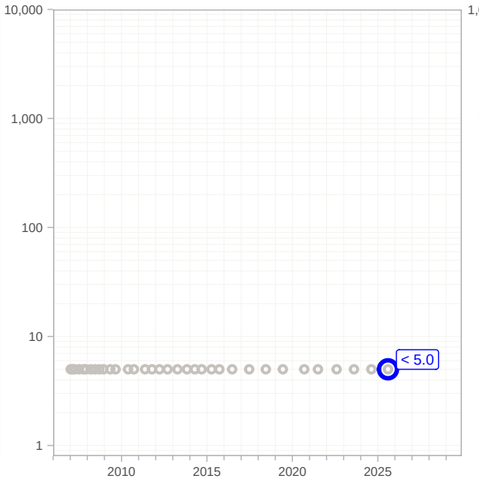
All | N = 34; ND = 32; %ND = 94.1; M−K = decreasing

Butanone (2−) (MEK) (ug/L)



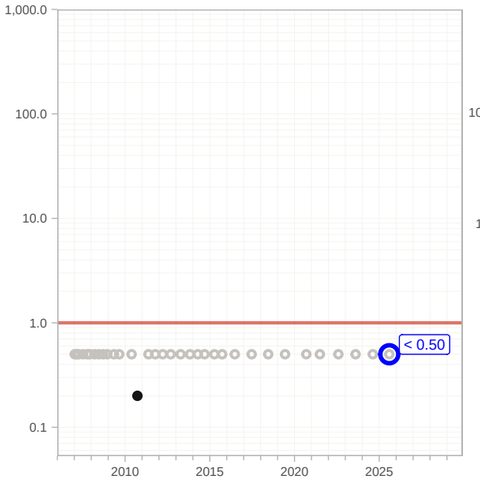
All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



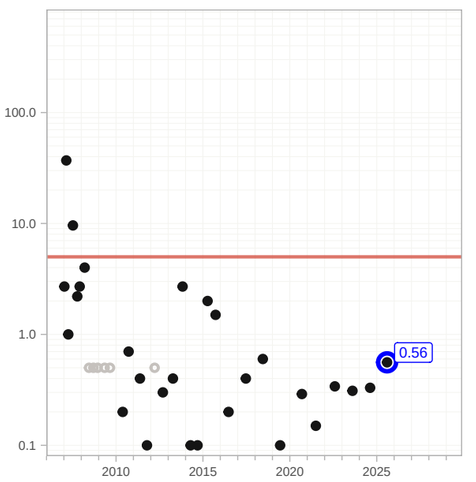
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Benzene (ug/L)



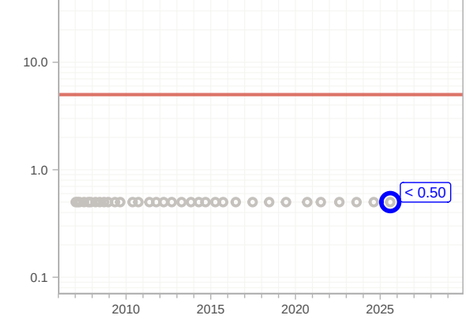
All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

Toluene (ug/L)



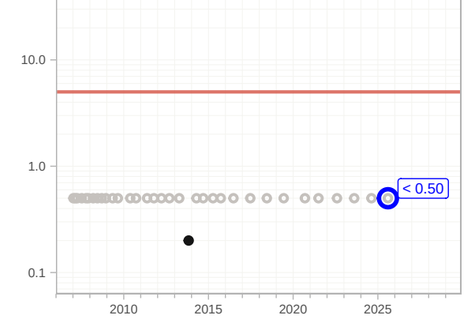
All | N = 34; ND = 6; %ND = 17.6; M−K = decreasing

Ethylbenzene (ug/L)



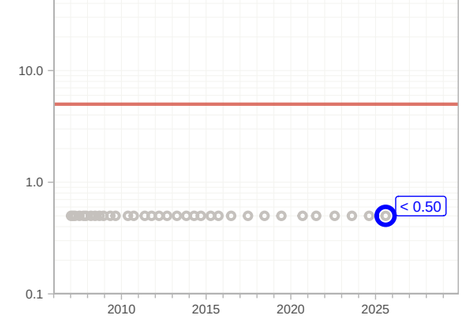
All | N = 34; ND = 34; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



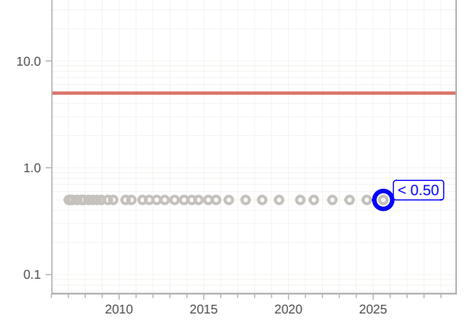
All | N = 34; ND = 33; %ND = 97.1; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 34; ND = 34; %ND = 100; M−K = no trend

Notes:
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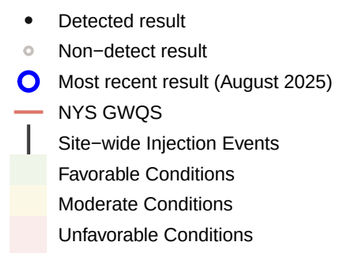
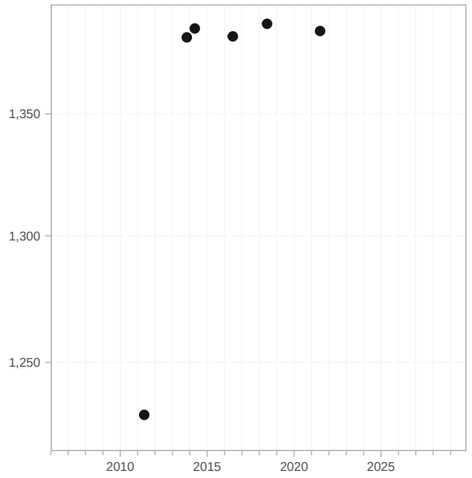


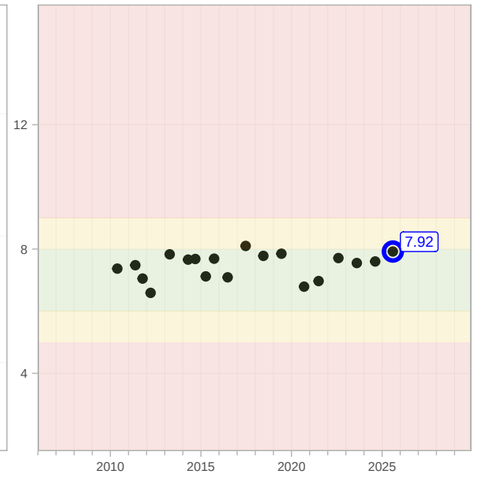
BP−12D PORT 1 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



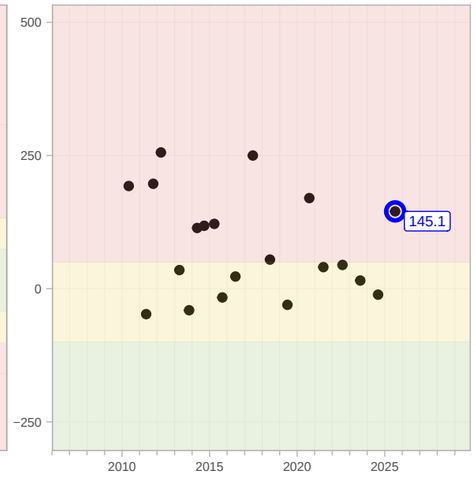
All | N = 6; ND = 0; %ND = 0; M−K = no trend

pH (SU)



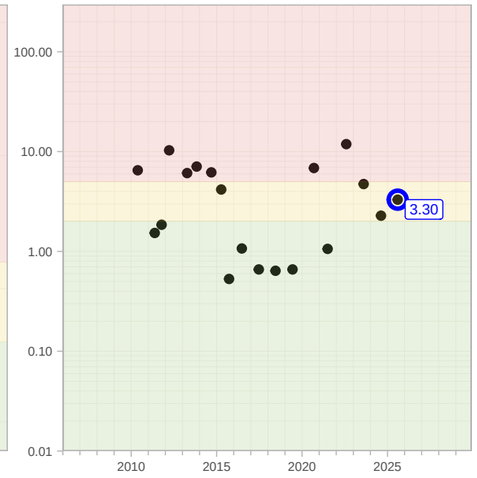
All | N = 19; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



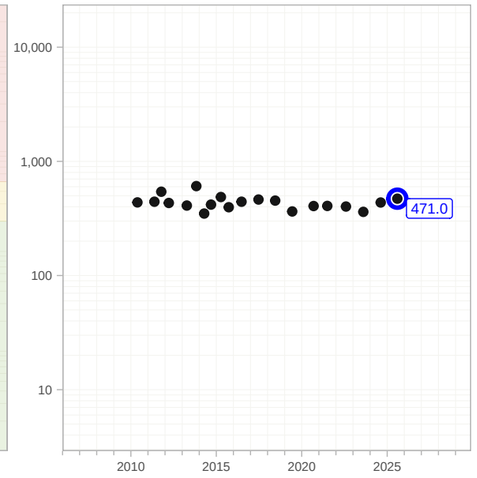
All | N = 20; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



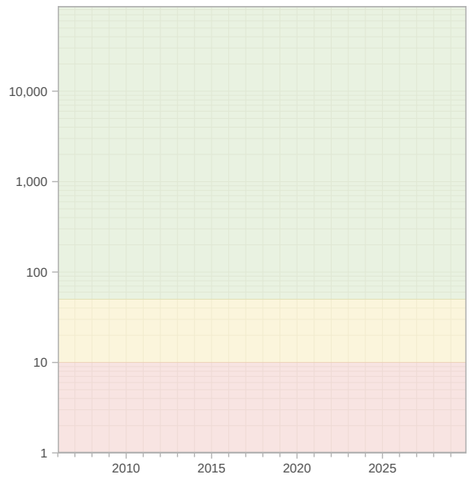
All | N = 19; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



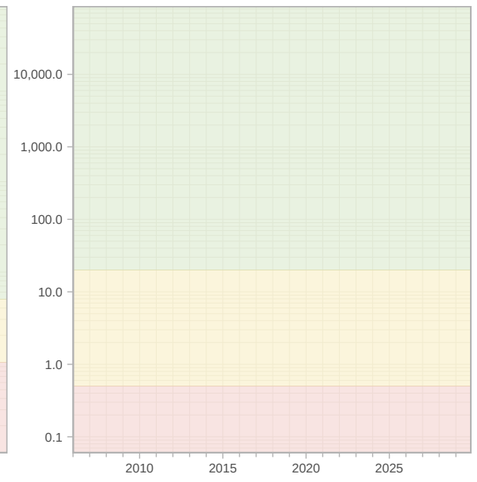
All | N = 20; ND = 0; %ND = 0; M−K = stable

Sulfide



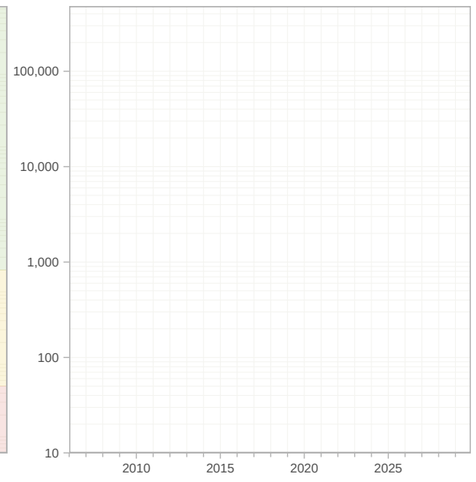
No Data

Methane



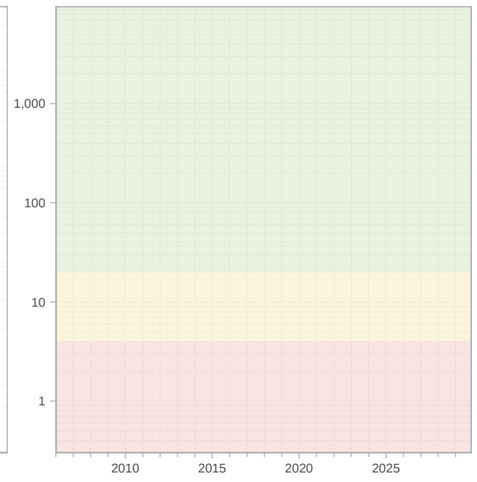
No Data

Iron − Ferrous



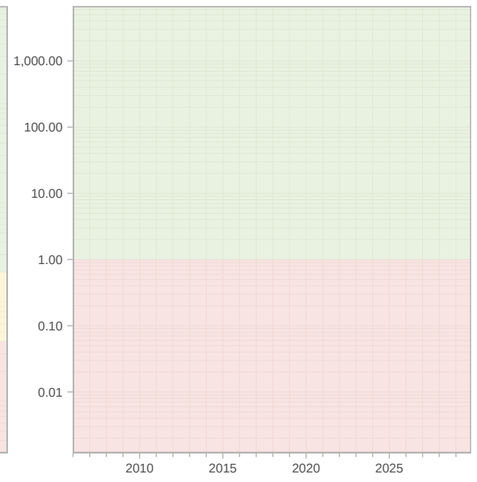
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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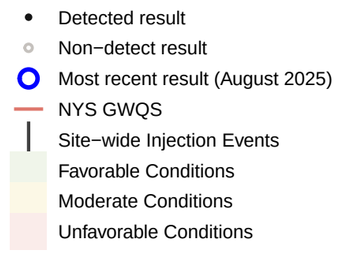
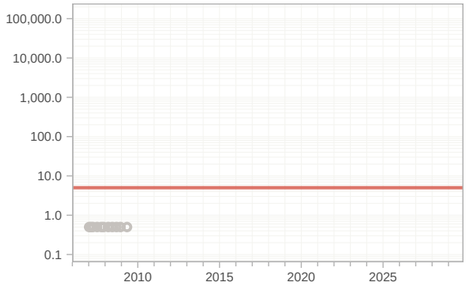


BP−12D PORT 2 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

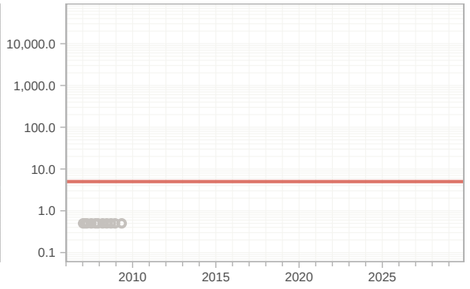
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

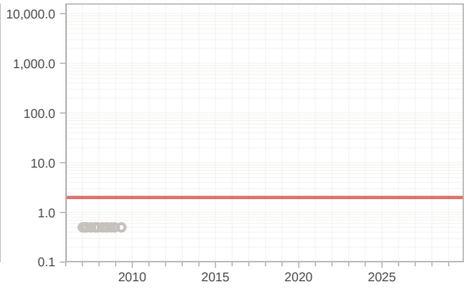
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

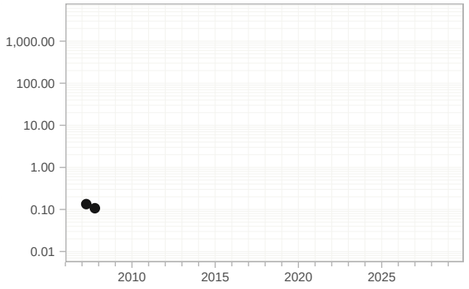
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



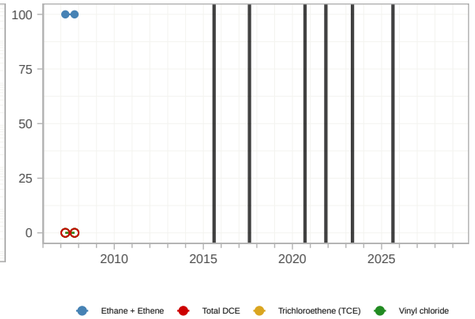
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



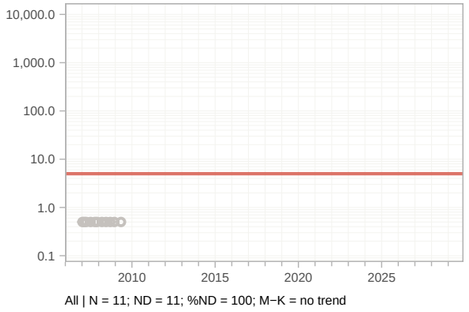
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

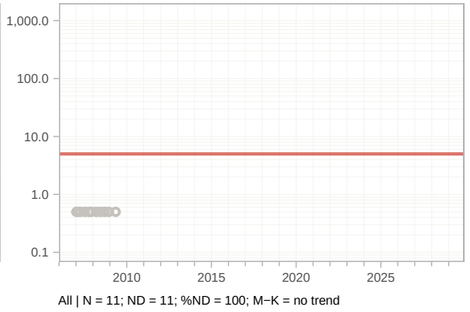
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

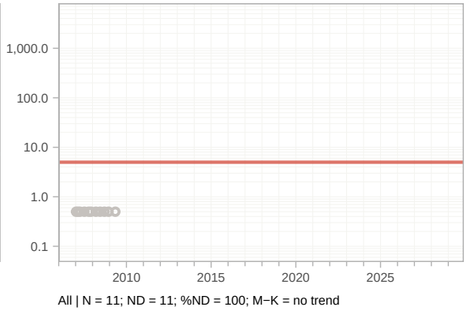
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

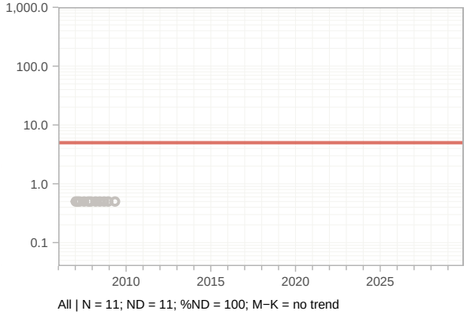
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

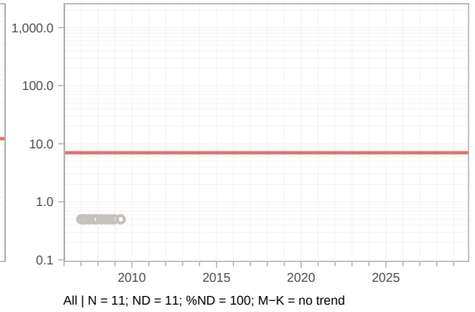
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

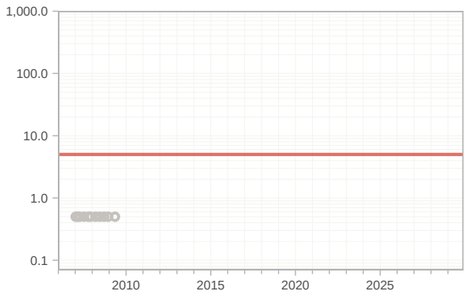
NYS GWQS = 7 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

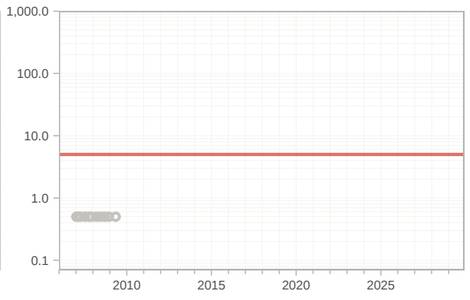
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloromethane (ug/L)

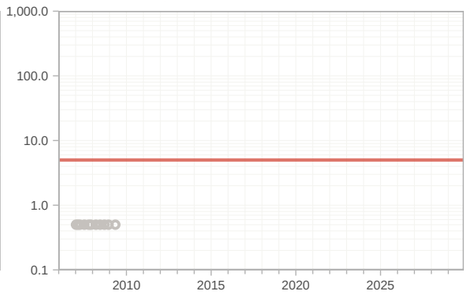
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

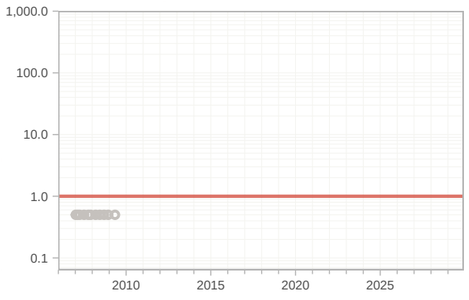
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

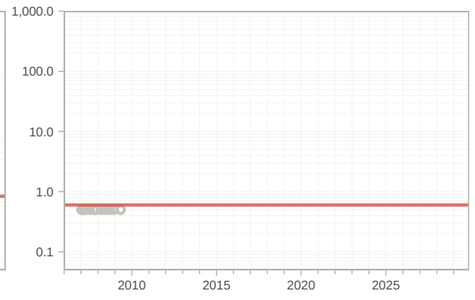
NYS GWQS = 1 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Notes:
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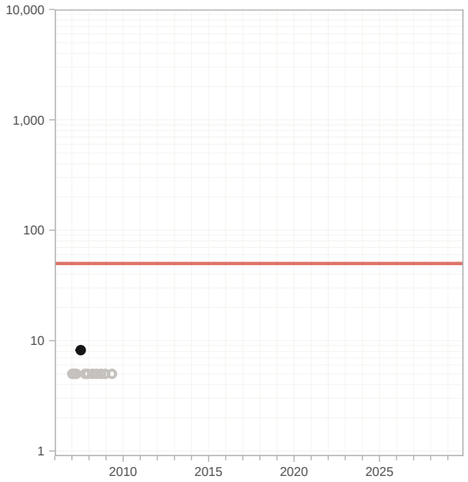
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

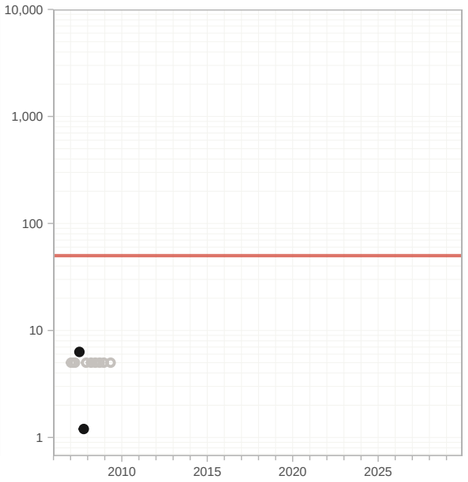
BP−12D PORT 2 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



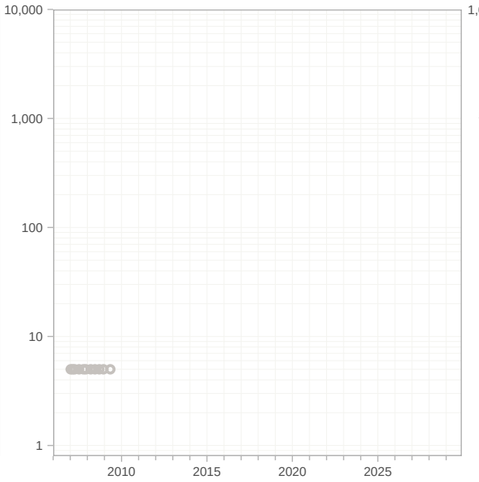
All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Butanone (2−) (MEK) (ug/L)



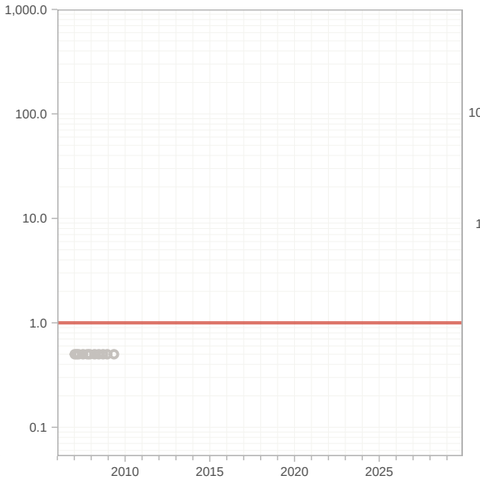
All | N = 11; ND = 9; %ND = 81.8; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



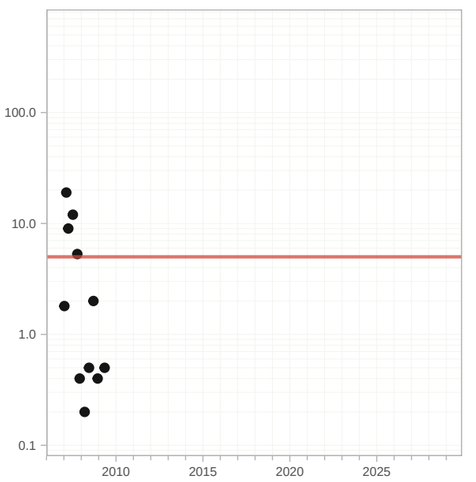
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Benzene (ug/L)



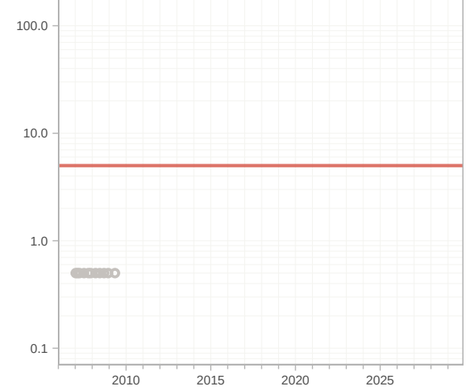
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Toluene (ug/L)



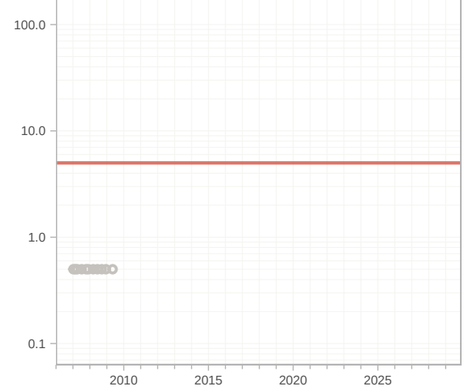
All | N = 11; ND = 0; %ND = 0; M−K = probably decreasing

Ethylbenzene (ug/L)



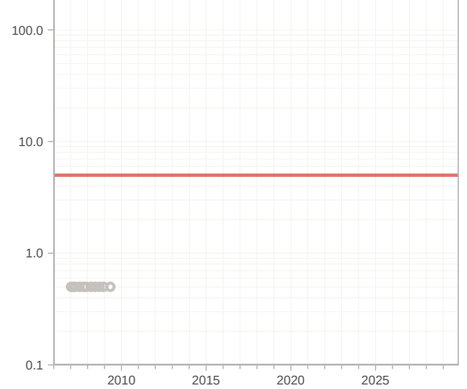
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



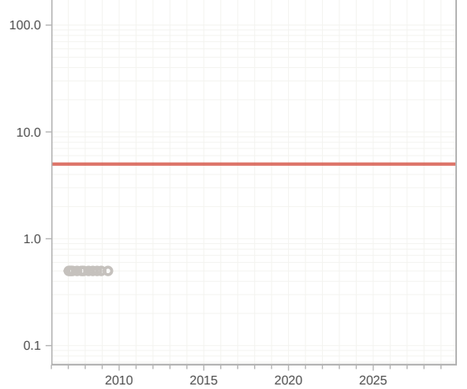
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

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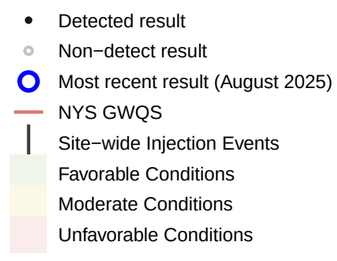
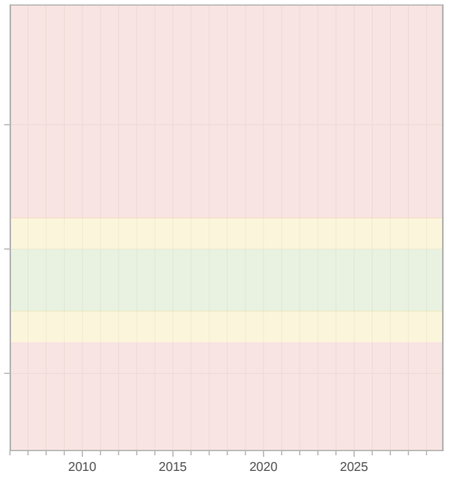


BP−12D PORT 2 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)

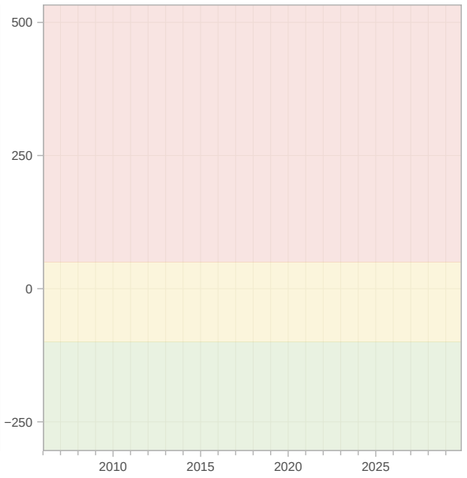
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH



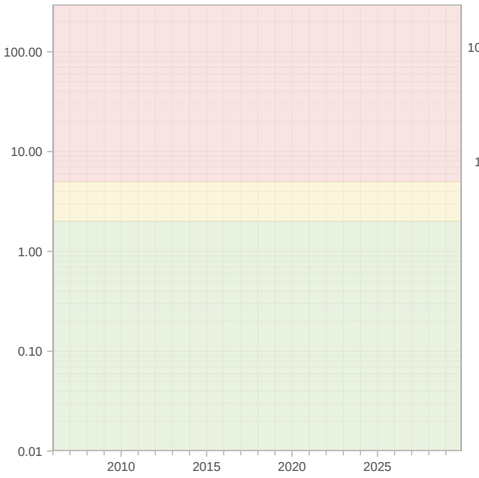
No Data

Oxidation/Reduction Potential



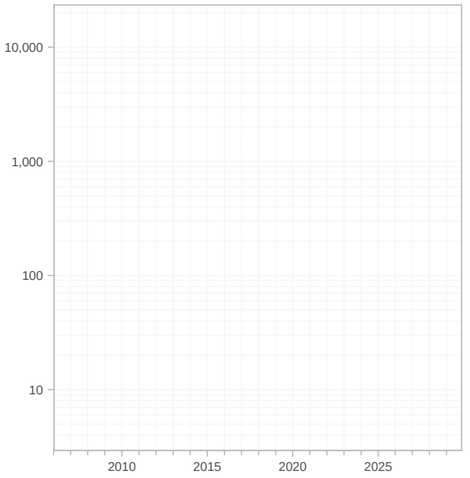
No Data

Dissolved Oxygen



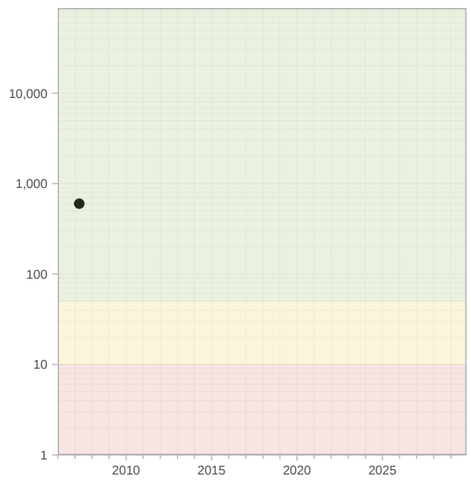
No Data

Specific Conductance



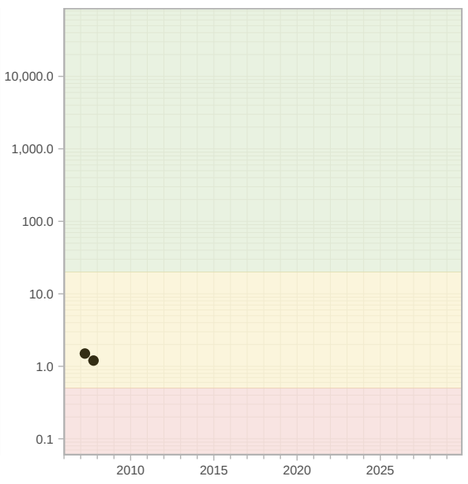
No Data

Sulfide (ug/L)



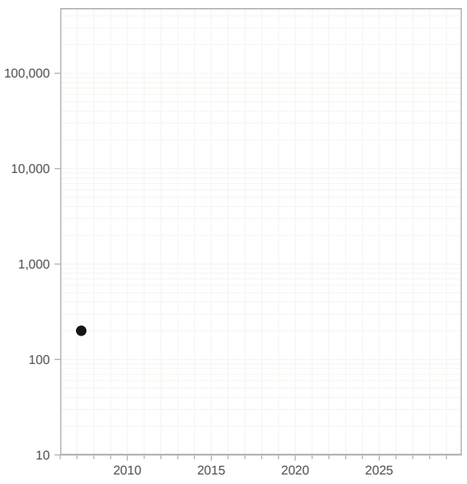
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



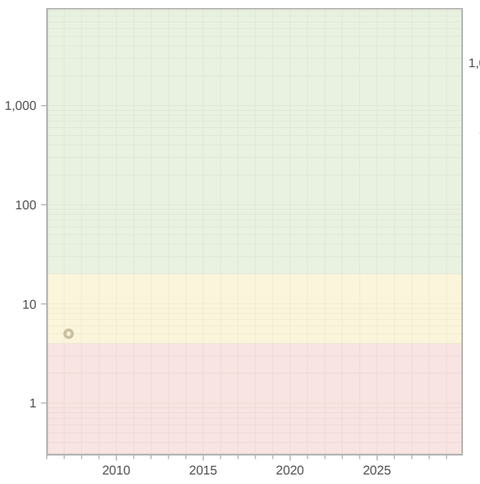
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



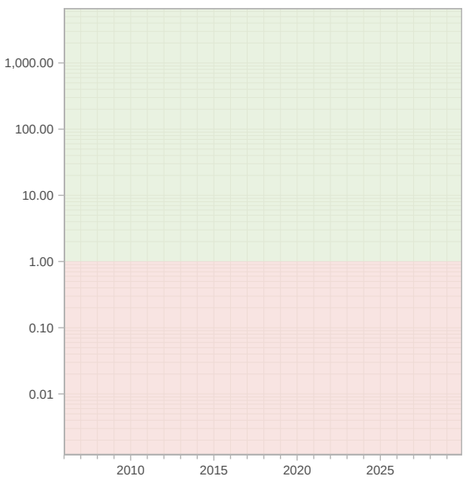
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Total Volatile Fatty Acids



No Data

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- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
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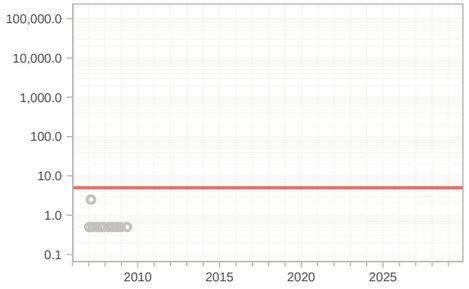
- Unfavorable Conditions

BP−12D PORT 3 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

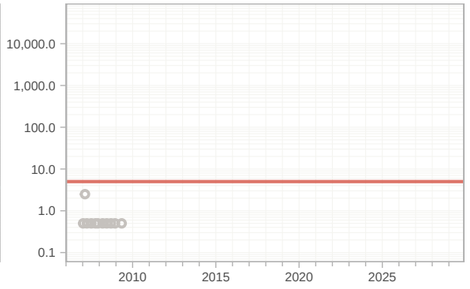
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

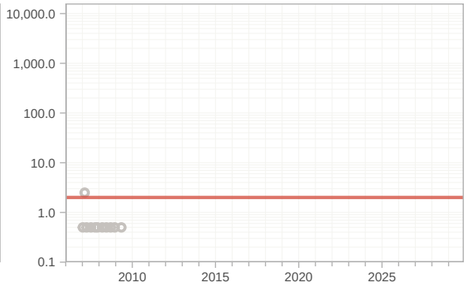
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

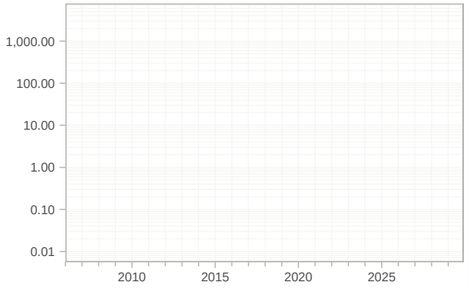
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



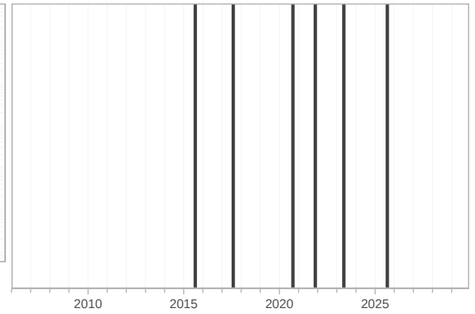
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Ethane + Ethene



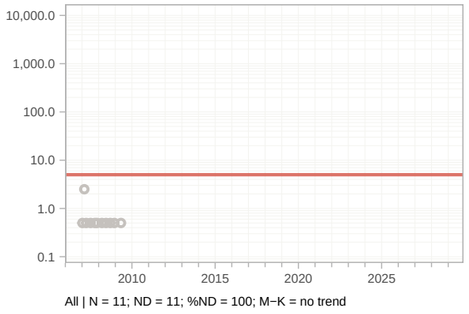
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

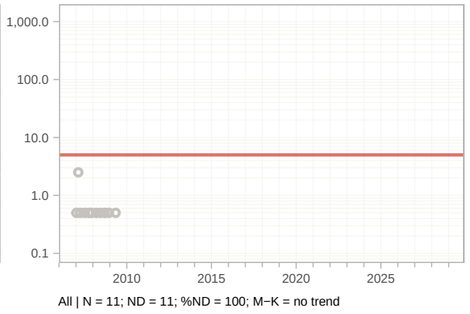
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

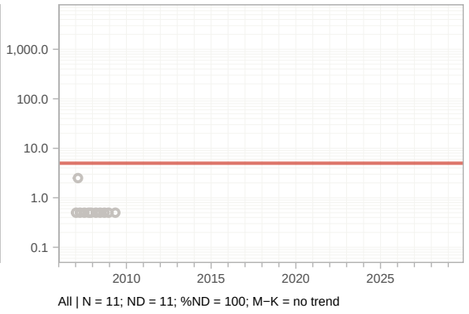
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

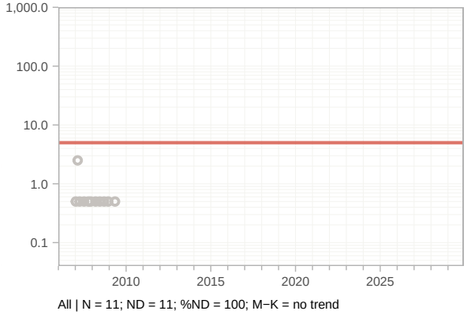
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

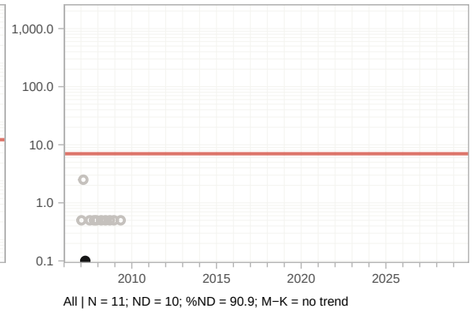
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

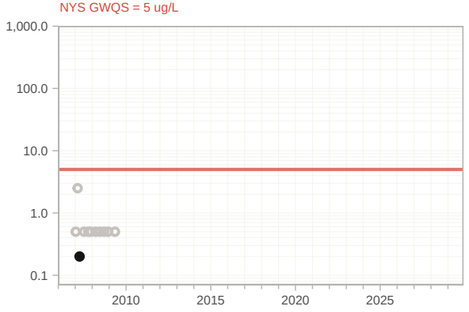
NYS GWQS = 7 ug/L



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

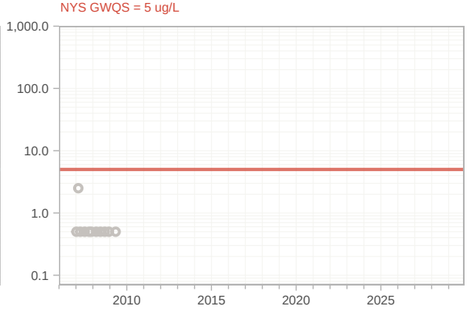
NYS GWQS = 5 ug/L



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Chloromethane (ug/L)

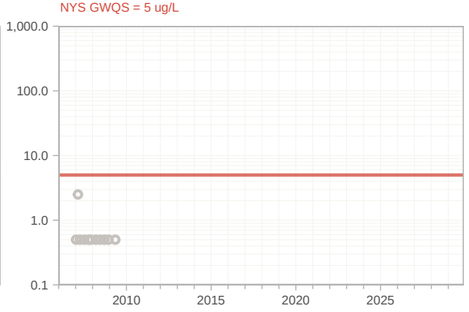
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

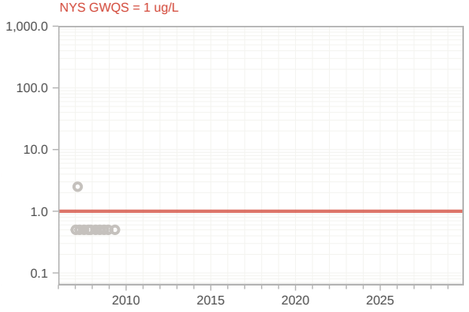
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

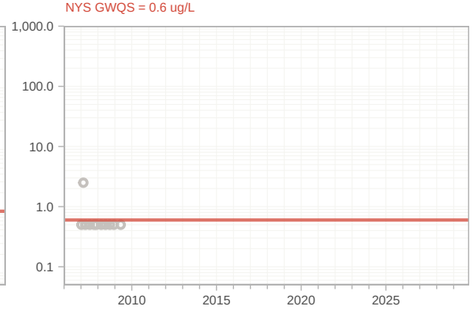
NYS GWQS = 1 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

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- Non−detect result
- Most recent result (August 2025)
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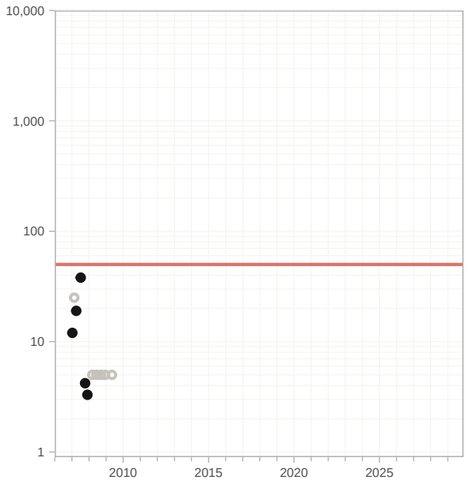
- Moderate Conditions
- Unfavorable Conditions

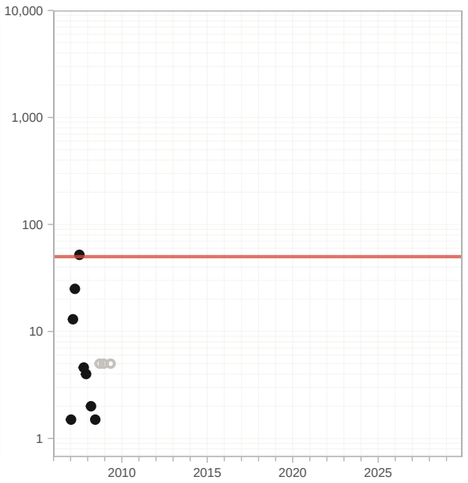
BP−12D PORT 3 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



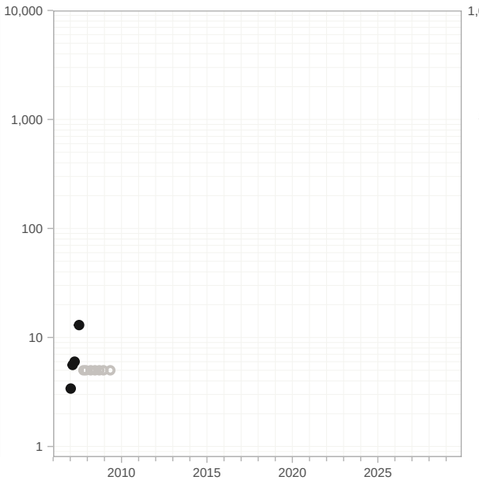
All | N = 11; ND = 6; %ND = 54.5; M−K = no trend

Butanone (2−) (MEK) (ug/L)



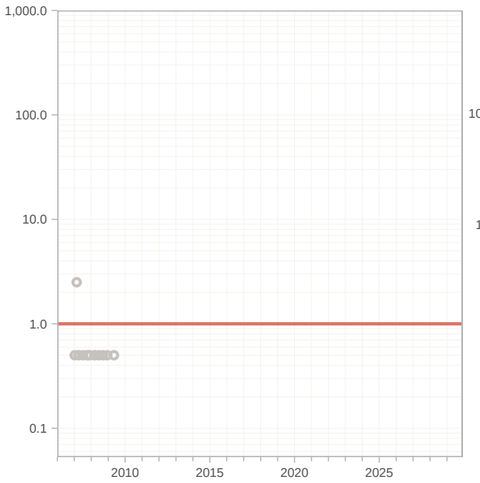
All | N = 11; ND = 3; %ND = 27.3; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



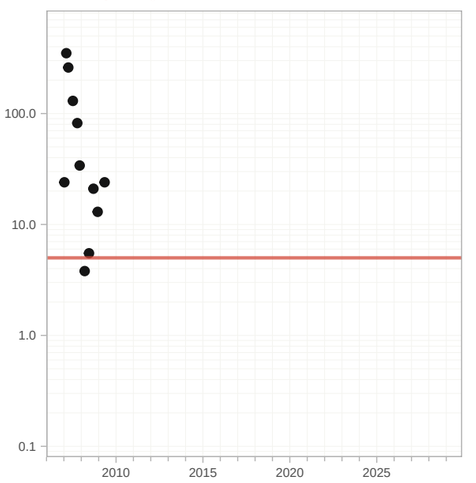
All | N = 11; ND = 7; %ND = 63.6; M−K = stable

Benzene (ug/L)



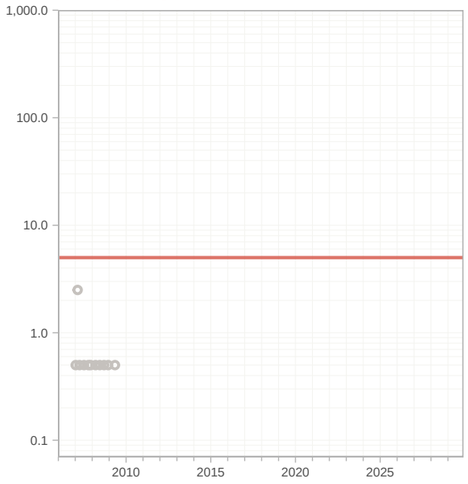
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Toluene (ug/L)



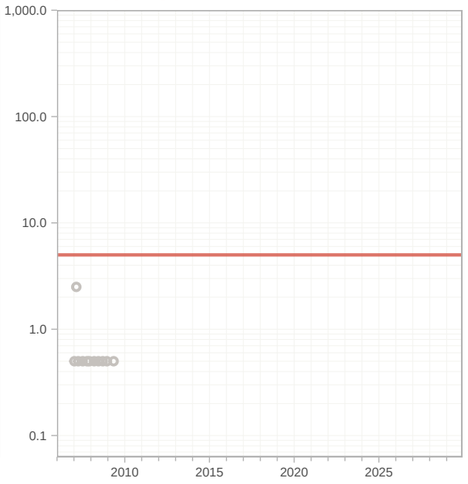
All | N = 11; ND = 0; %ND = 0; M−K = probably decreasing

Ethylbenzene (ug/L)



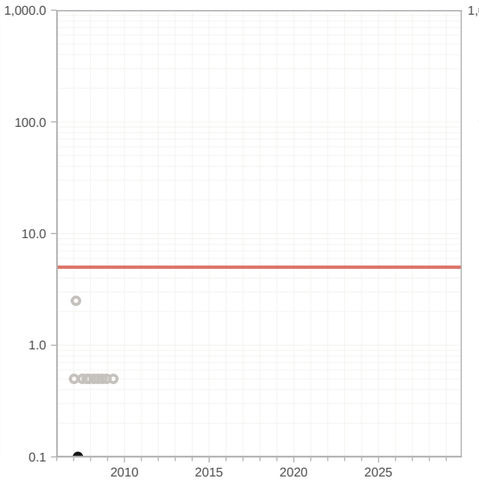
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



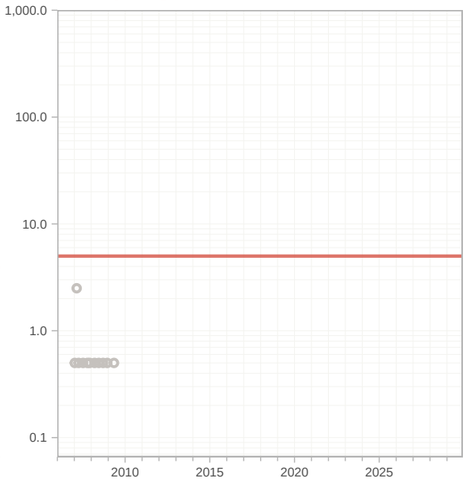
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Xylene (o−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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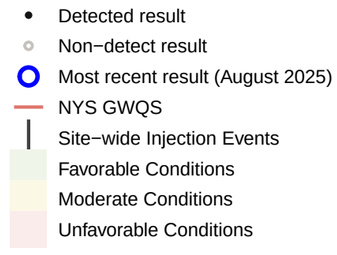
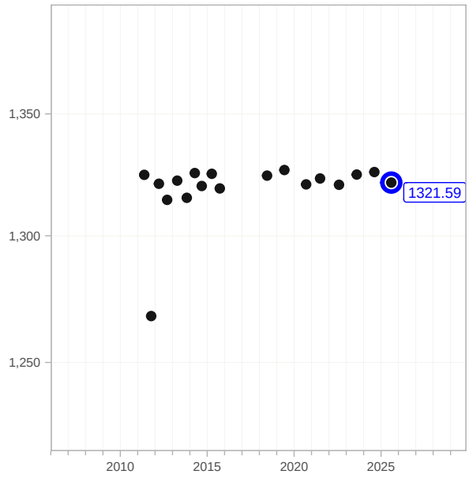
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



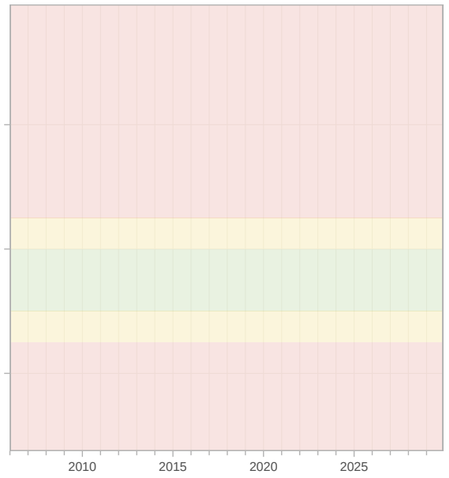
BP−12D PORT 3 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



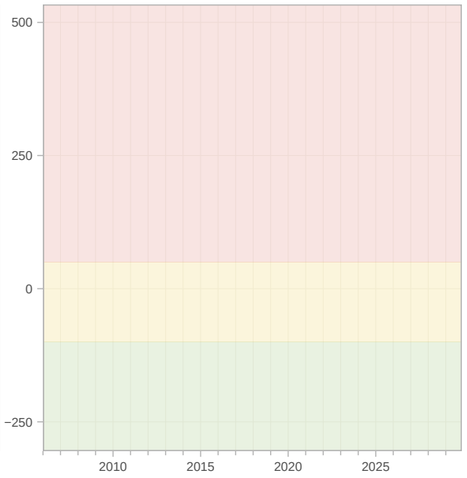
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH



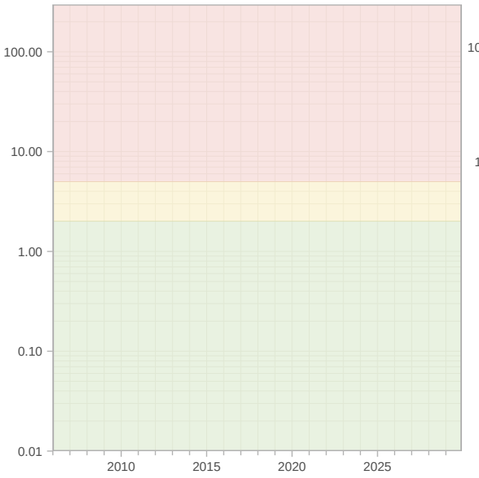
No Data

Oxidation/Reduction Potential



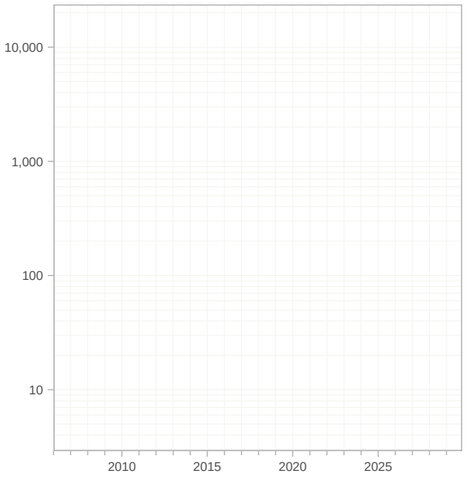
No Data

Dissolved Oxygen



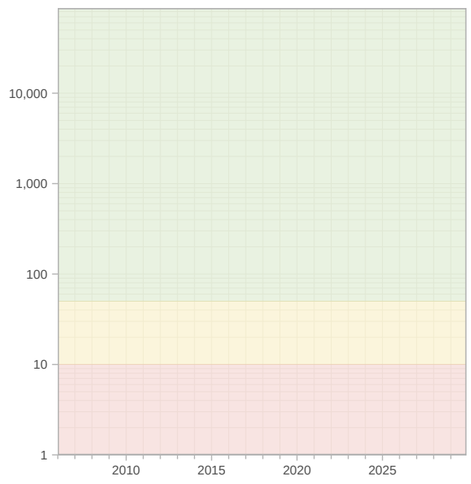
No Data

Specific Conductance



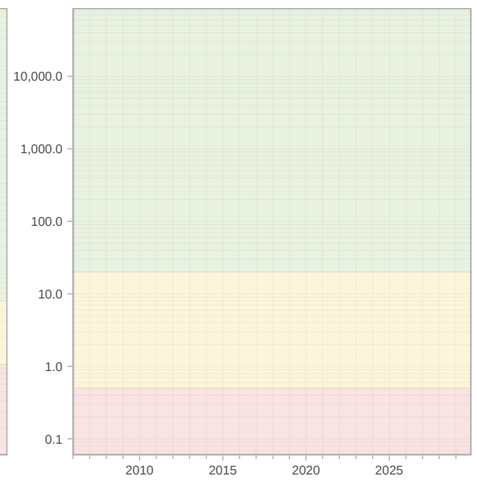
No Data

Sulfide



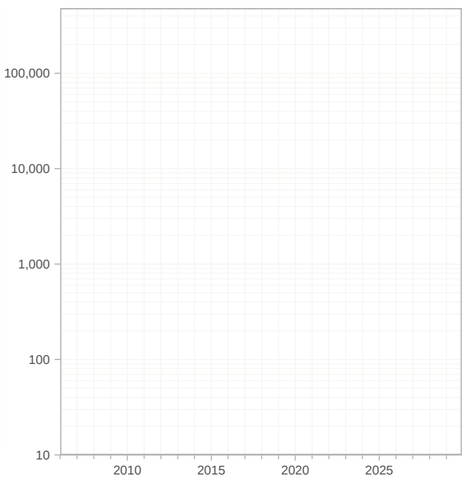
No Data

Methane



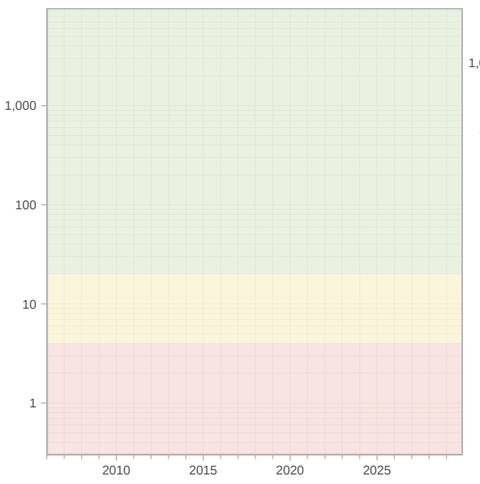
No Data

Iron − Ferrous



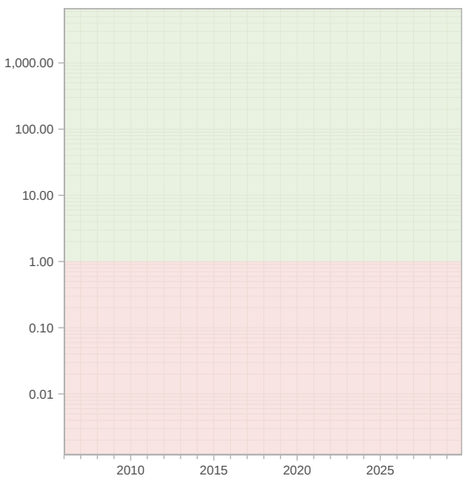
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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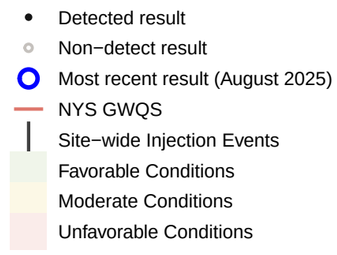
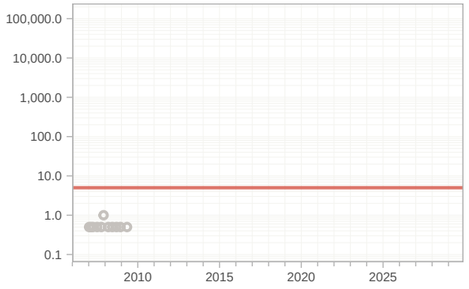


BP−12D PORT 4 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

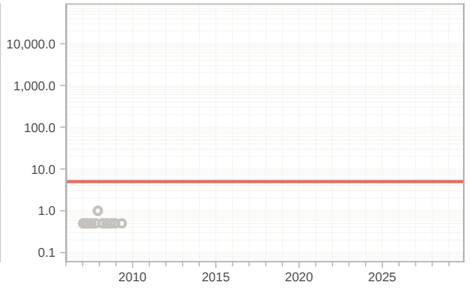
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

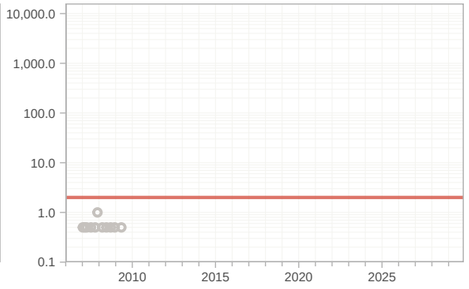
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

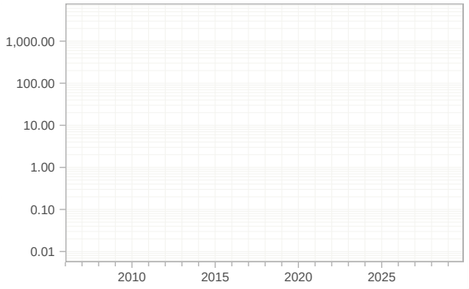
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



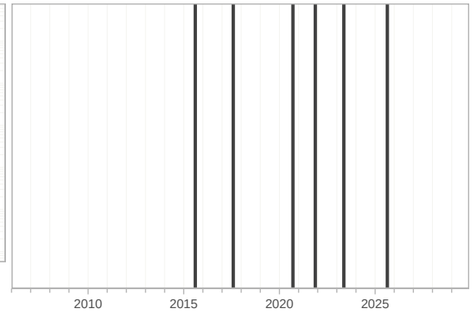
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Ethane + Ethene



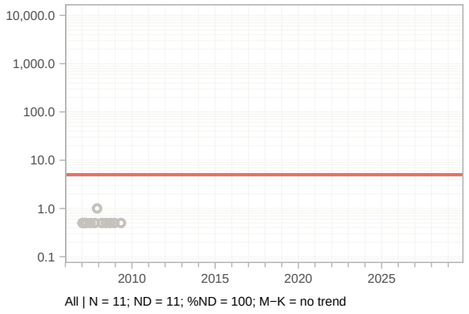
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

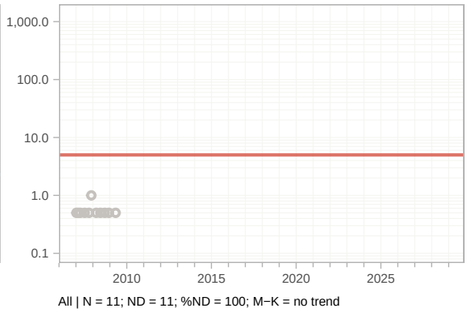
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

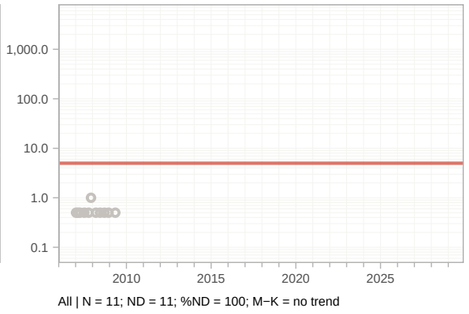
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

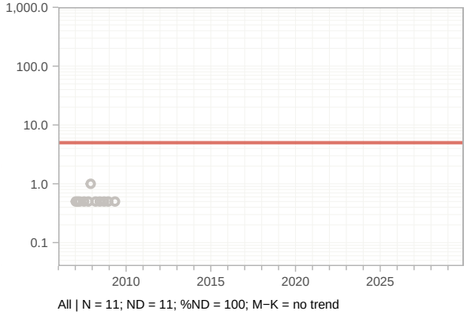
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

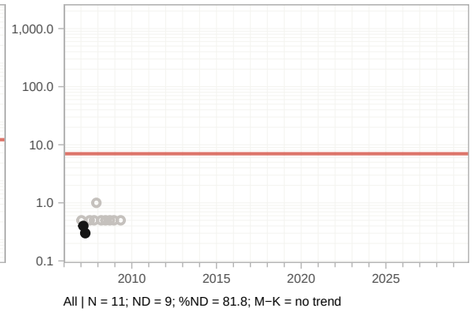
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

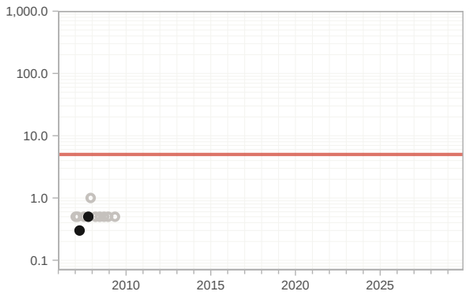
NYS GWQS = 7 ug/L



All | N = 11; ND = 9; %ND = 81.8; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

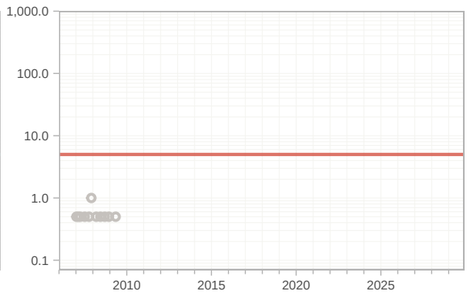
NYS GWQS = 5 ug/L



All | N = 11; ND = 9; %ND = 81.8; M−K = no trend

Chloromethane (ug/L)

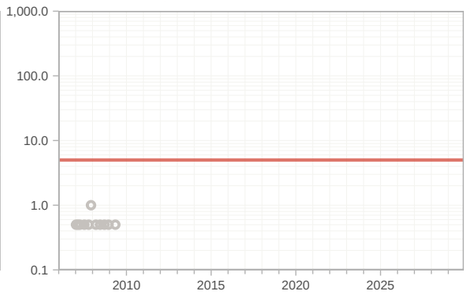
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

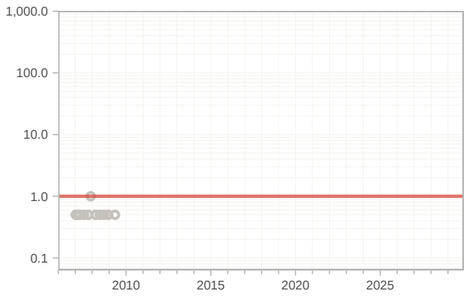
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

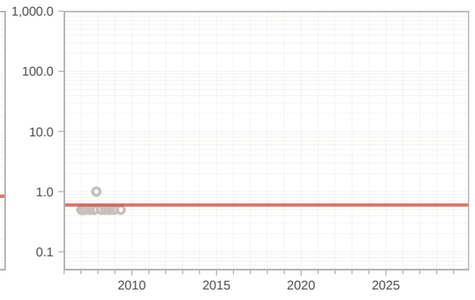
NYS GWQS = 1 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Notes:
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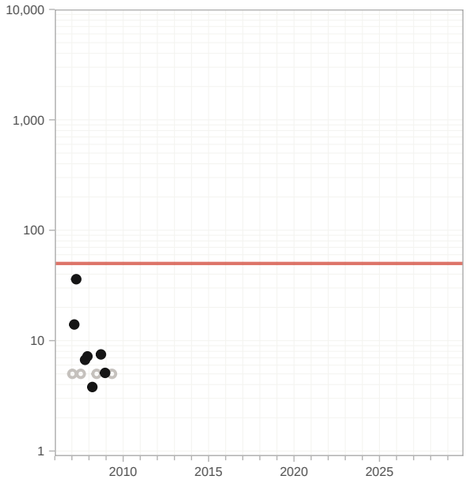
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

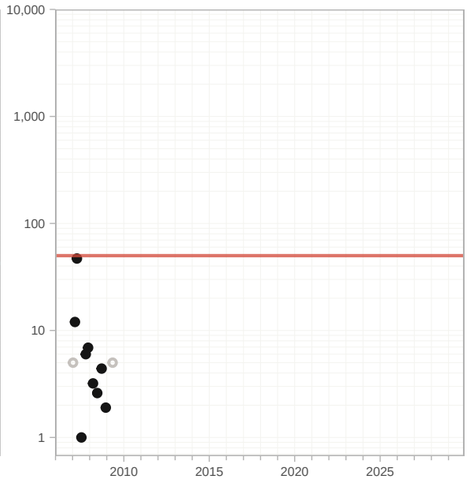
BP−12D PORT 4 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



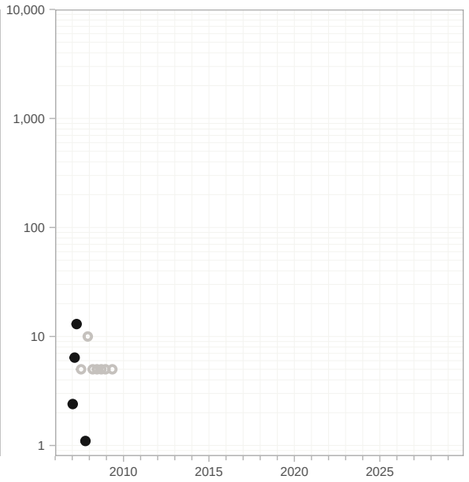
All | N = 11; ND = 4; %ND = 36.4; M−K = no trend

Butanone (2−) (MEK) (ug/L)



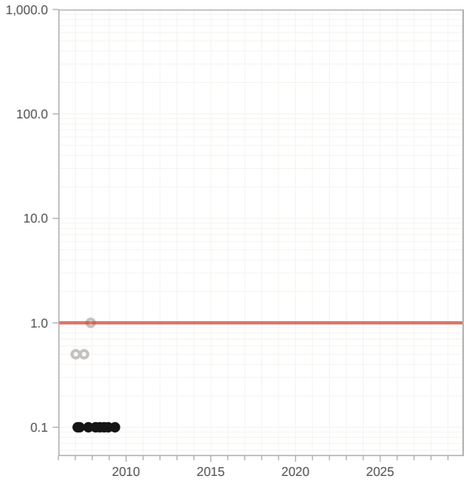
All | N = 11; ND = 2; %ND = 18.2; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



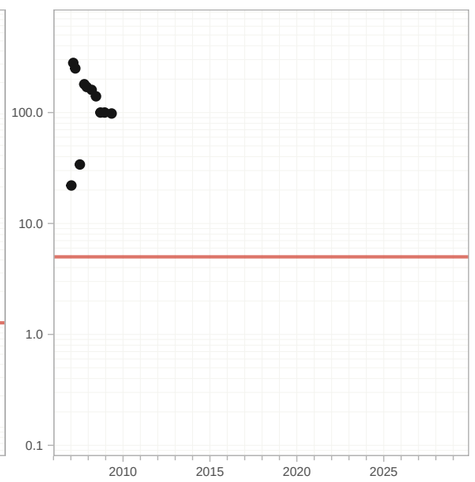
All | N = 11; ND = 7; %ND = 63.6; M−K = no trend

Benzene (ug/L)



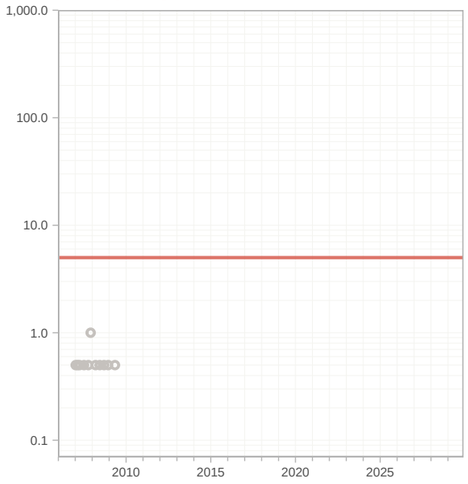
All | N = 11; ND = 3; %ND = 27.3; M−K = stable

Toluene (ug/L)



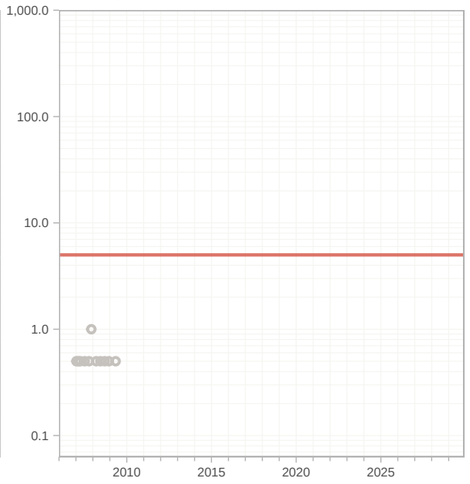
All | N = 11; ND = 0; %ND = 0; M−K = stable

Ethylbenzene (ug/L)



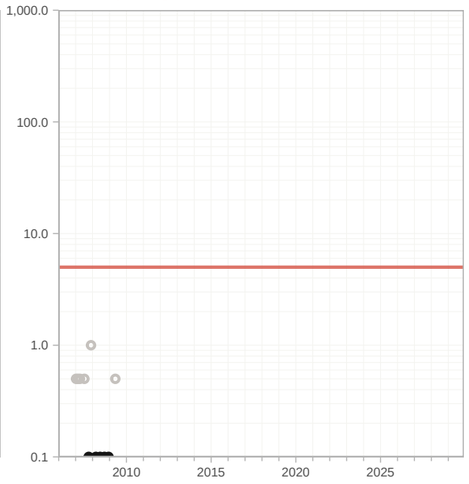
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



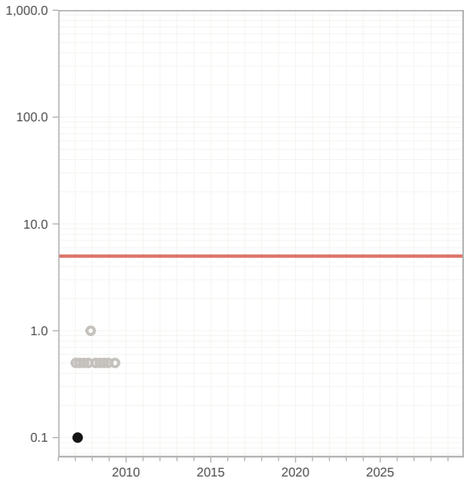
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 11; ND = 6; %ND = 54.5; M−K = stable

Xylene (o−) (ug/L)



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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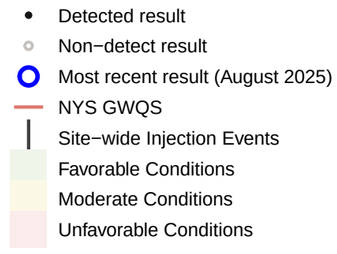
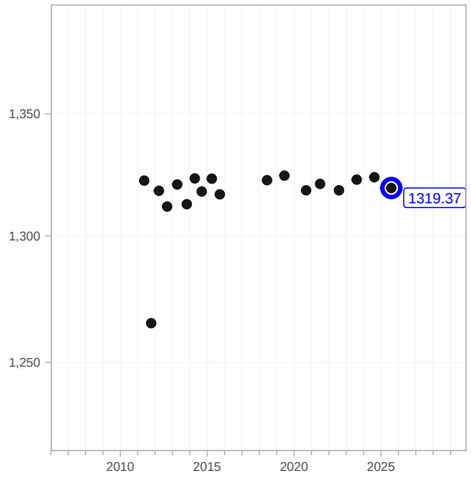
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



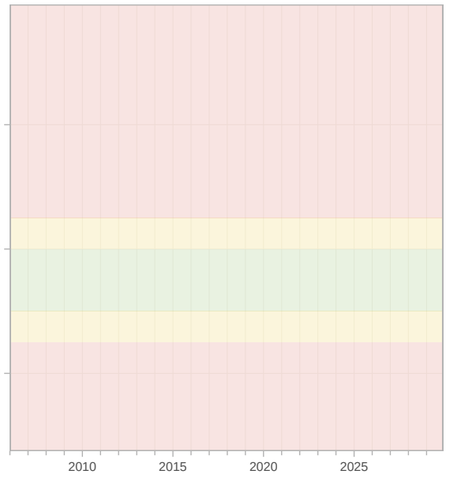
BP−12D PORT 4 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



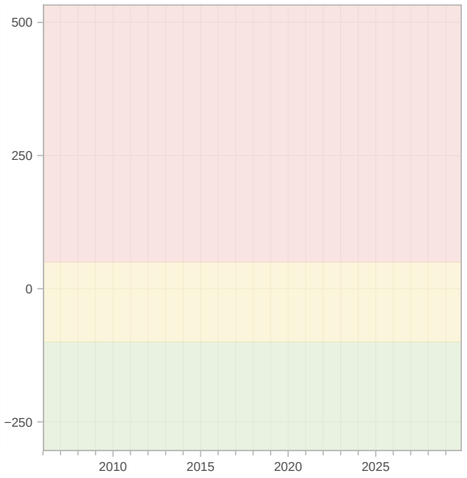
All | N = 18; ND = 0; %ND = 0; M−K = probably increasing

pH



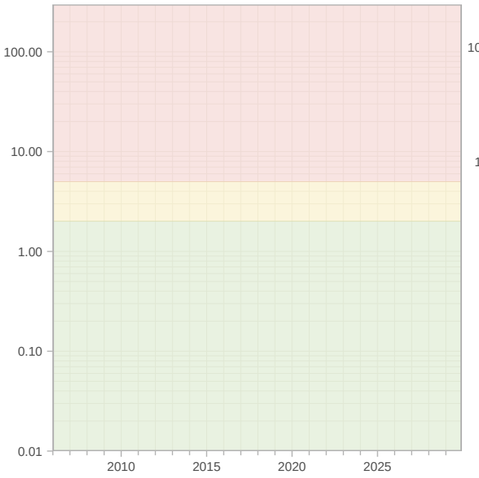
No Data

Oxidation/Reduction Potential



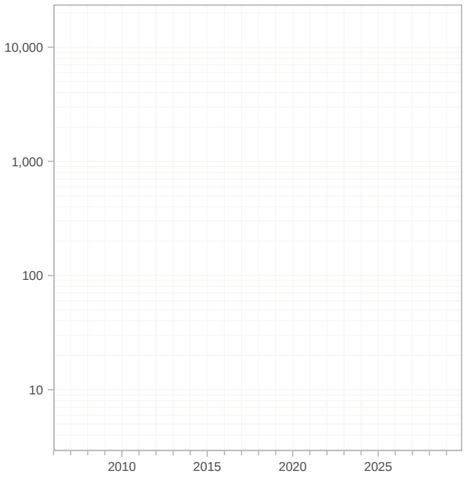
No Data

Dissolved Oxygen



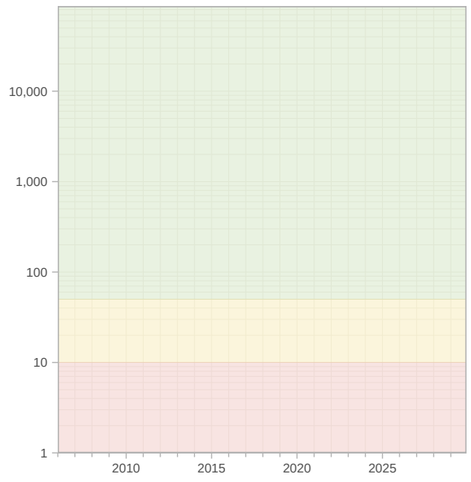
No Data

Specific Conductance



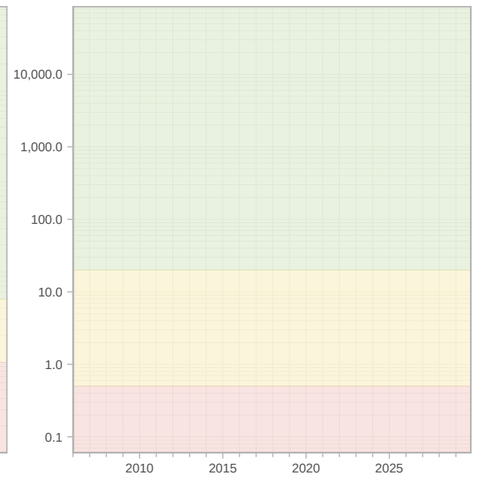
No Data

Sulfide



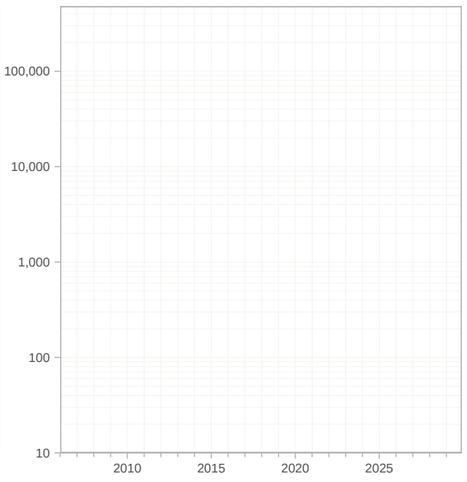
No Data

Methane



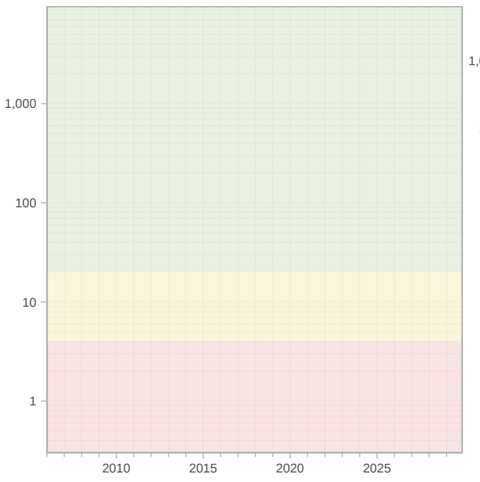
No Data

Iron − Ferrous



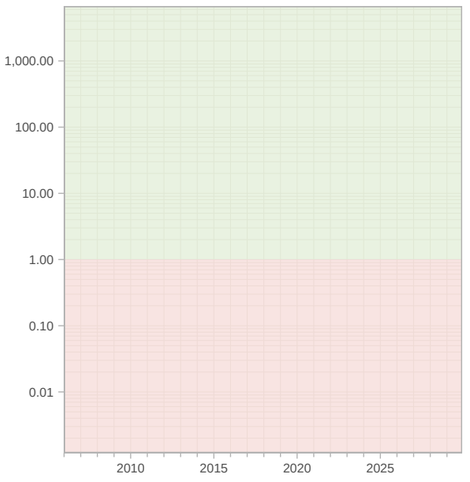
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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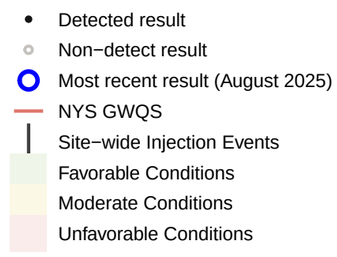
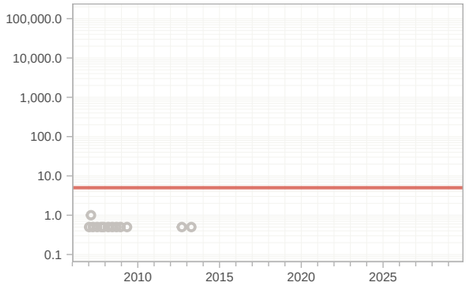


BP−12D PORT 5 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

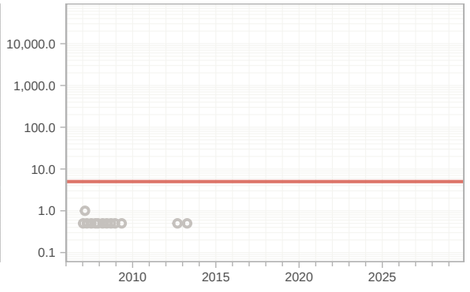
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

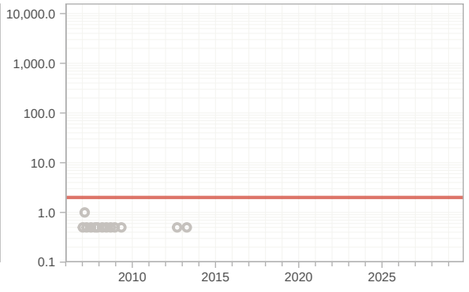
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

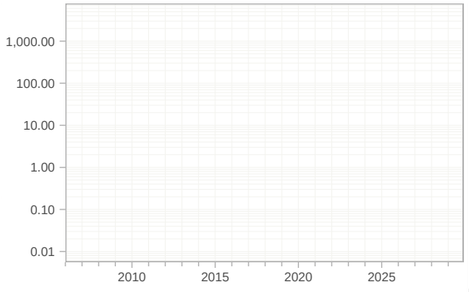
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



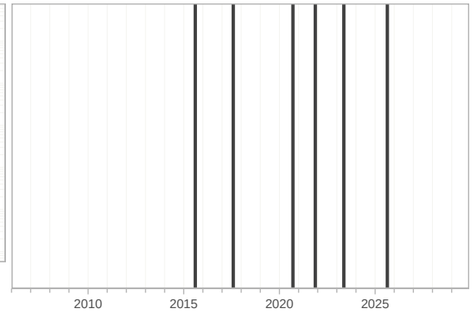
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Ethane + Ethene



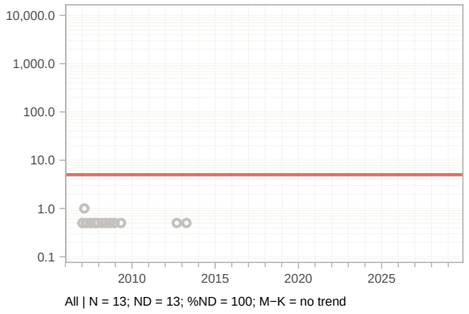
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

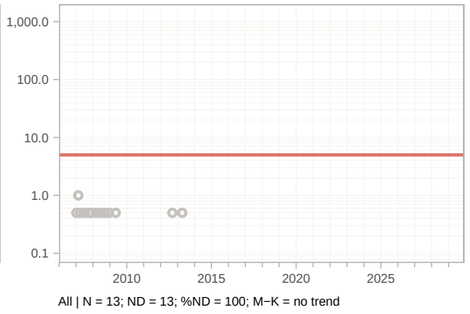
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

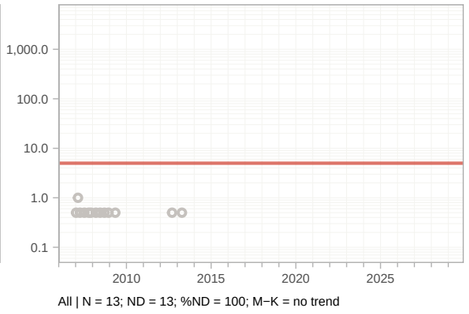
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

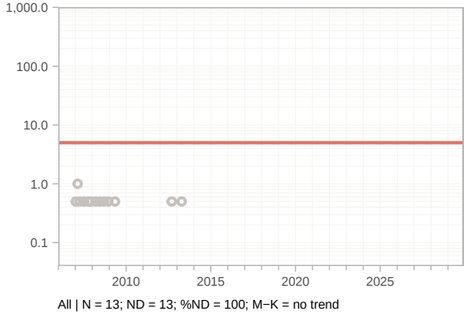
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

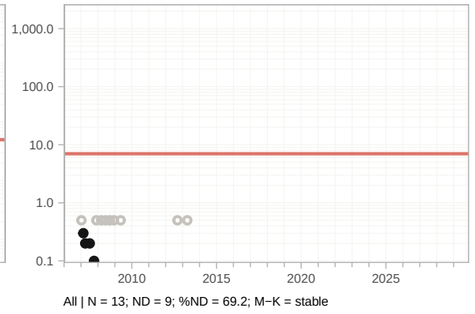
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

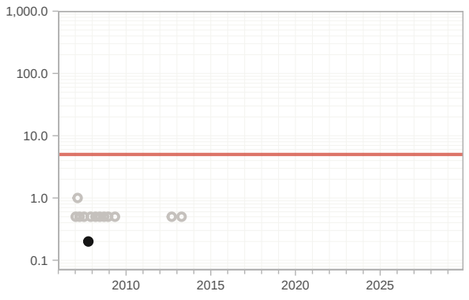
NYS GWQS = 7 ug/L



All | N = 13; ND = 9; %ND = 69.2; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

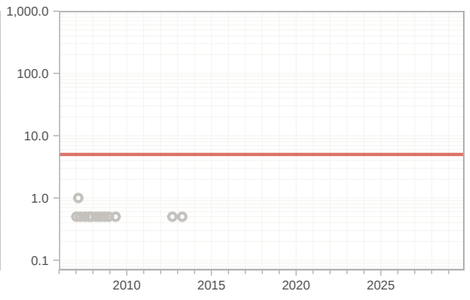
NYS GWQS = 5 ug/L



All | N = 13; ND = 12; %ND = 92.3; M−K = no trend

Chloromethane (ug/L)

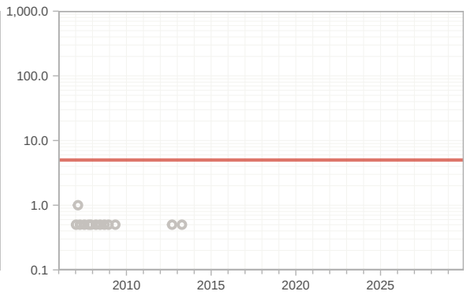
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

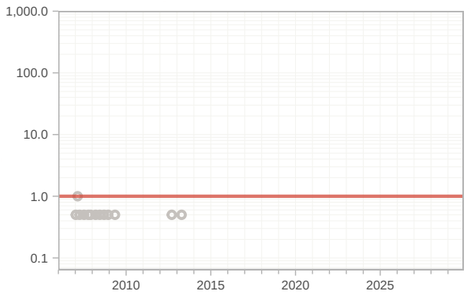
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

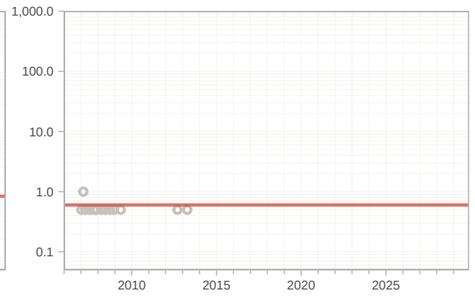
NYS GWQS = 1 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Notes:
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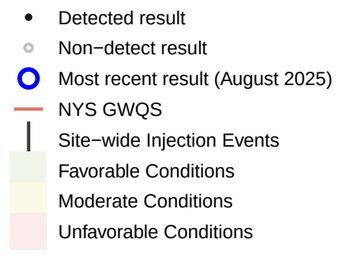
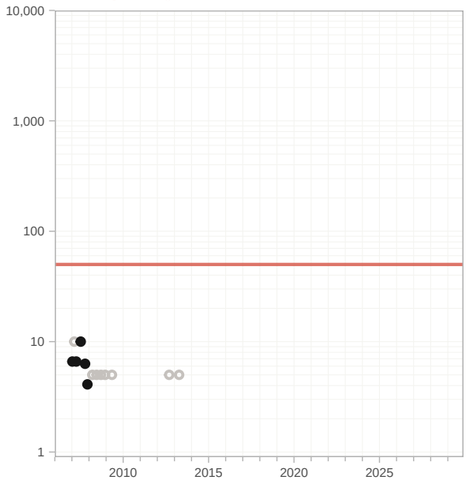


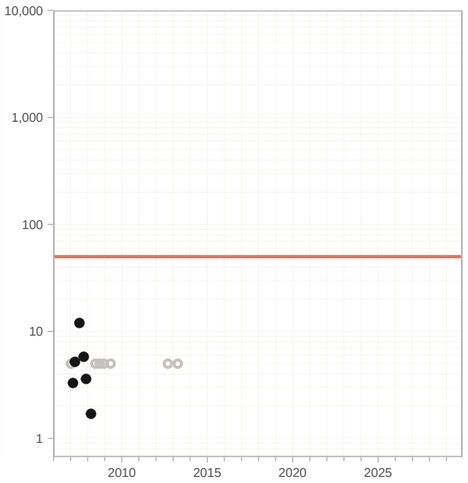
BP−12D PORT 5 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



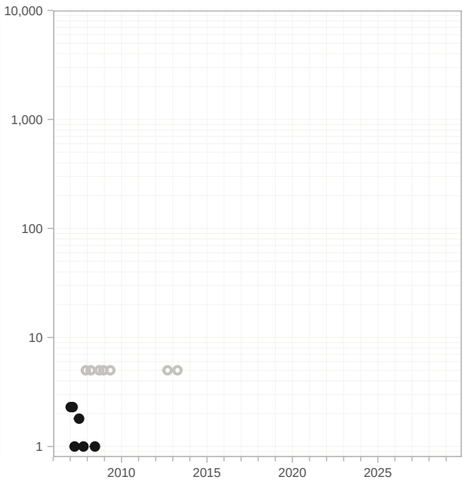
All | N = 13; ND = 8; %ND = 61.5; M−K = decreasing

Butanone (2−) (MEK) (ug/L)



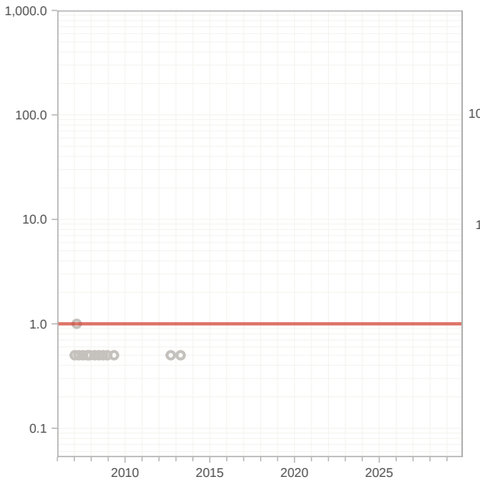
All | N = 13; ND = 7; %ND = 53.8; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



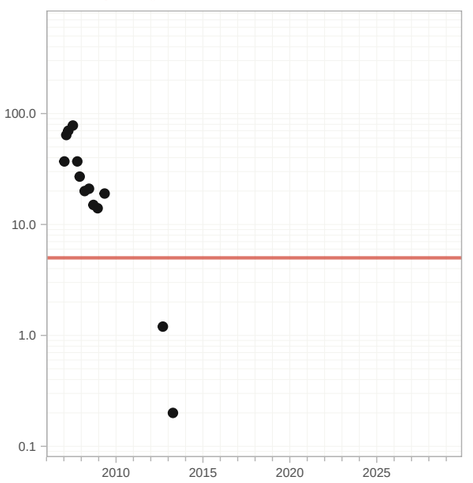
All | N = 13; ND = 7; %ND = 53.8; M−K = stable

Benzene (ug/L)



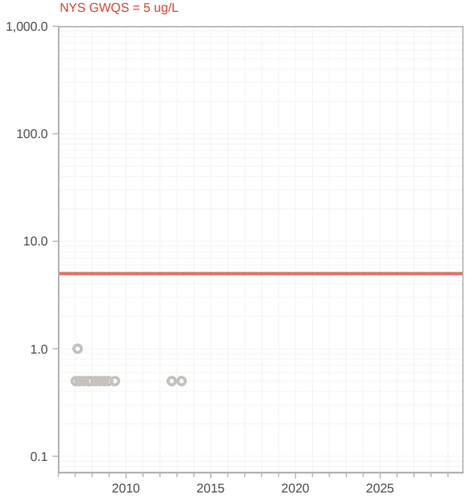
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Toluene (ug/L)



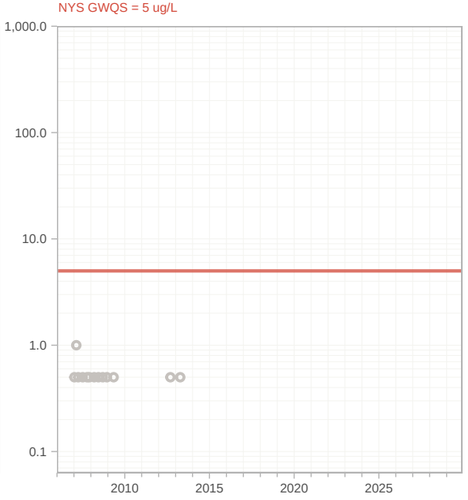
All | N = 13; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



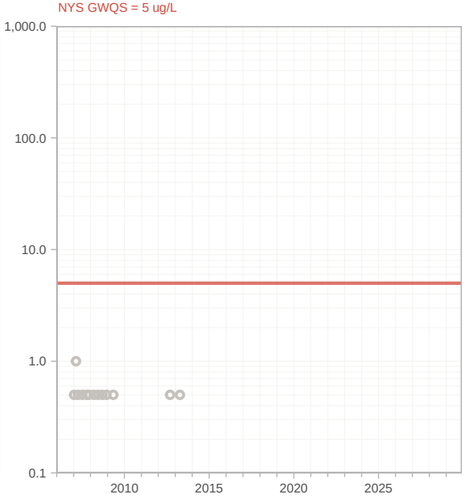
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



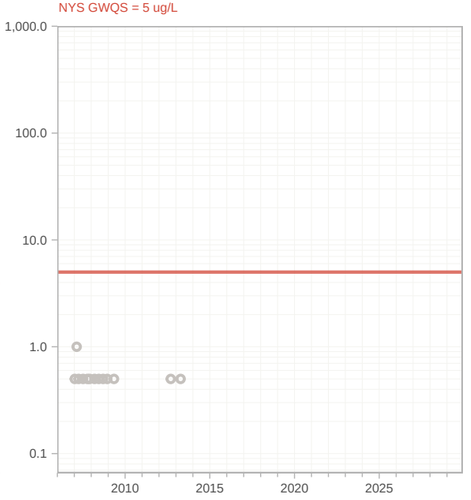
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Notes:
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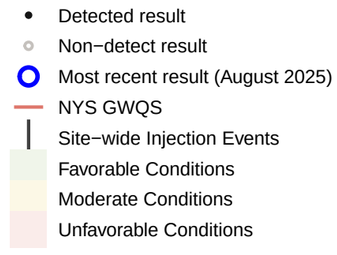
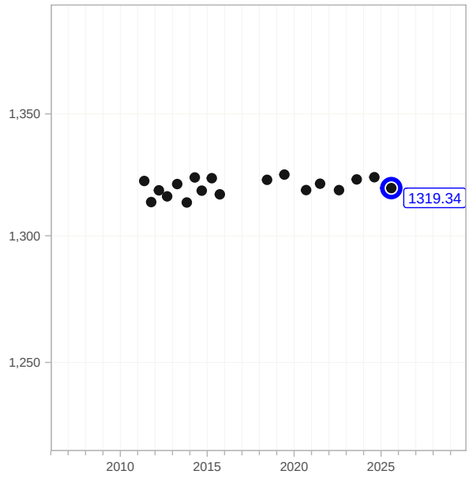


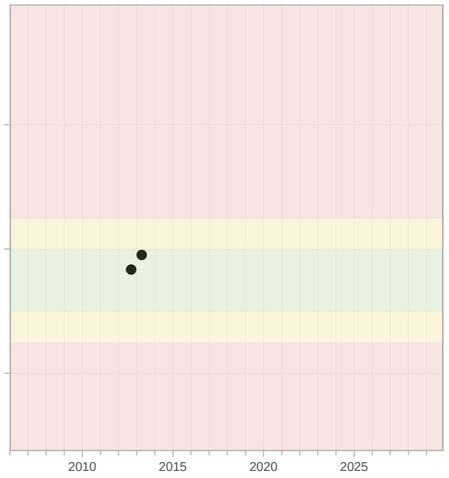
BP−12D PORT 5 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



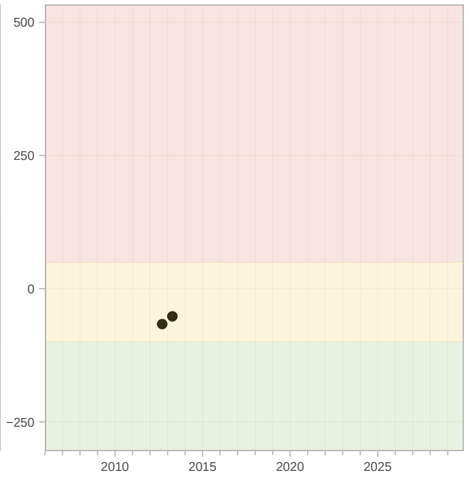
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH (SU)



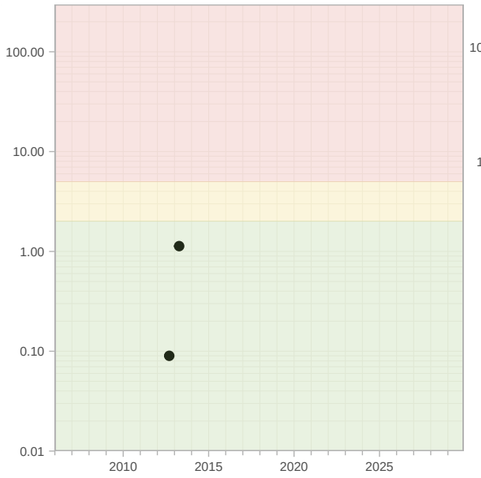
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



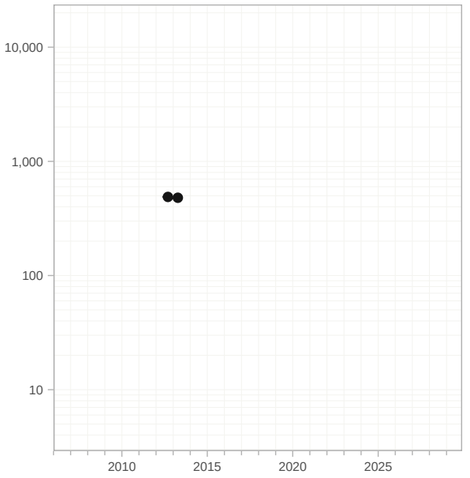
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



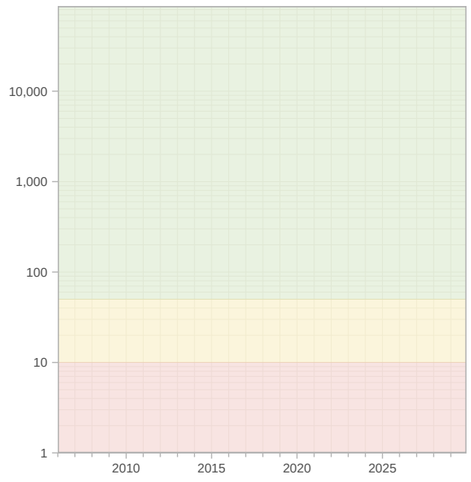
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



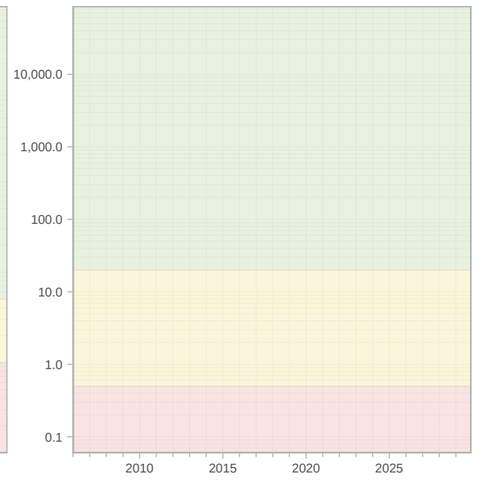
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



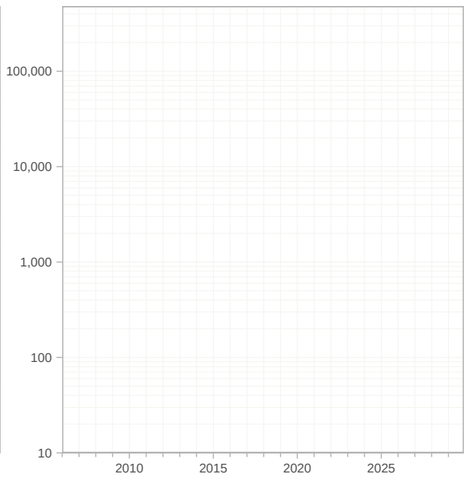
No Data

Methane



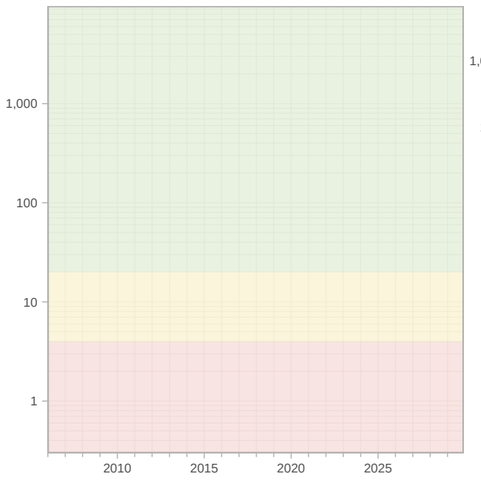
No Data

Iron − Ferrous



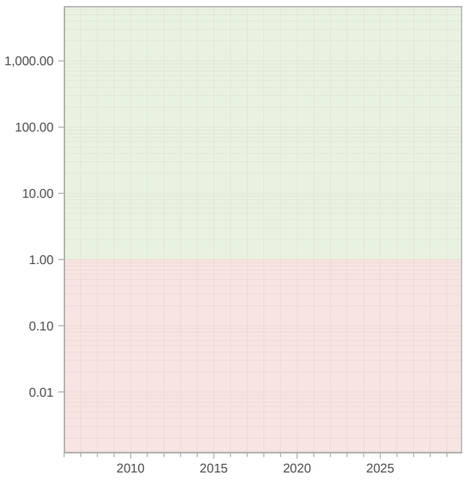
No Data

Total Organic Carbon



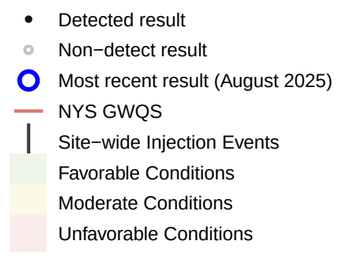
No Data

Total Volatile Fatty Acids



No Data

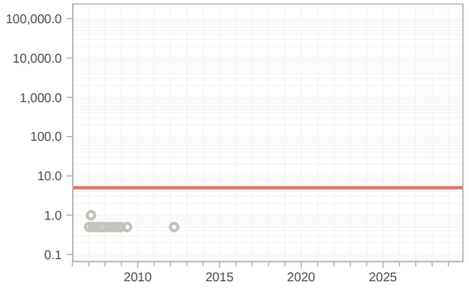
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−12D PORT 6 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

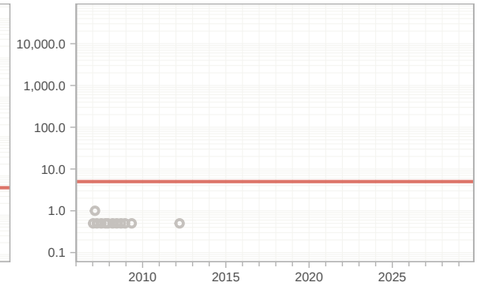
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

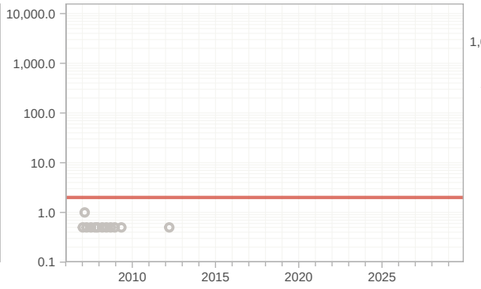
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

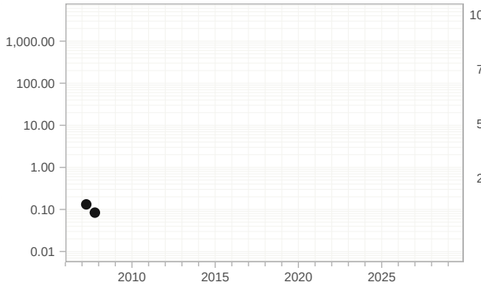
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



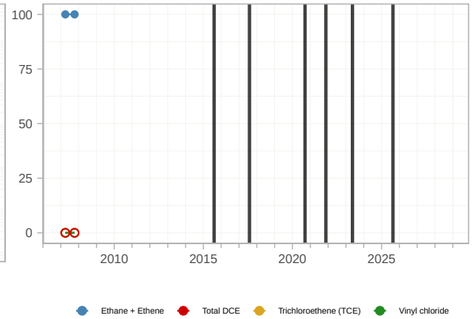
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



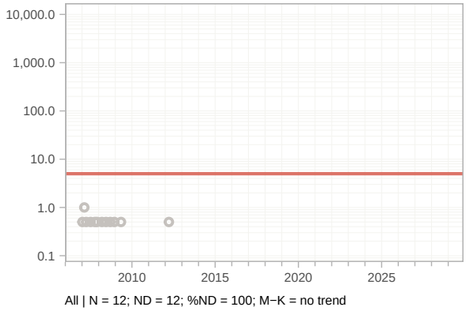
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

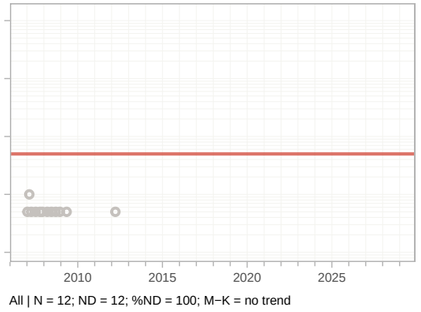
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

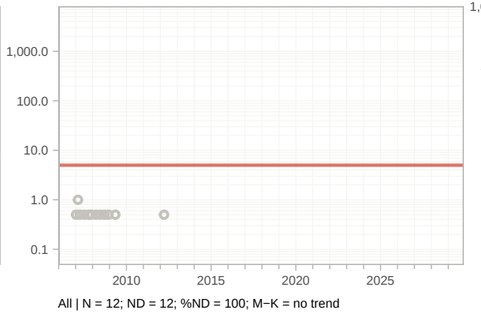
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

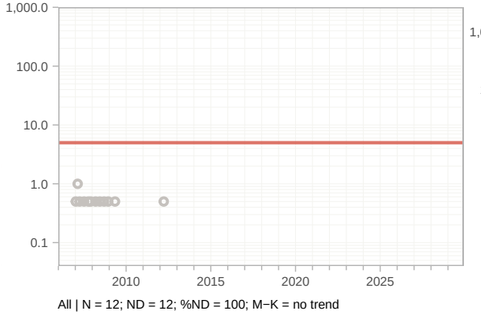
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

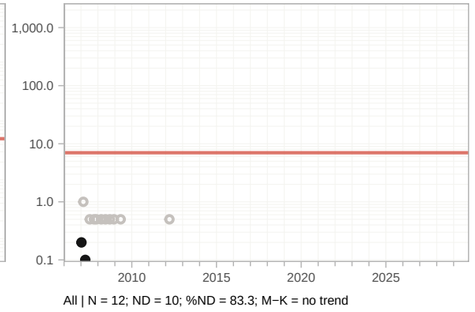
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

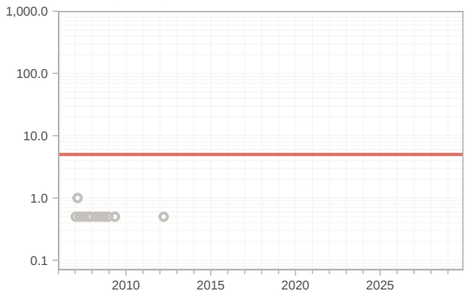
NYS GWQS = 7 ug/L



All | N = 12; ND = 10; %ND = 83.3; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

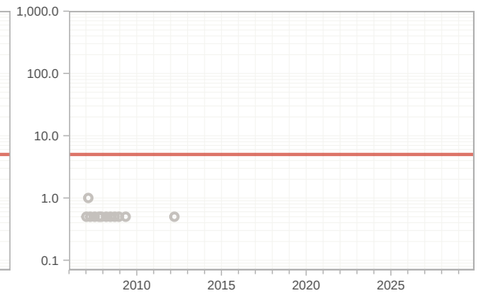
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloromethane (ug/L)

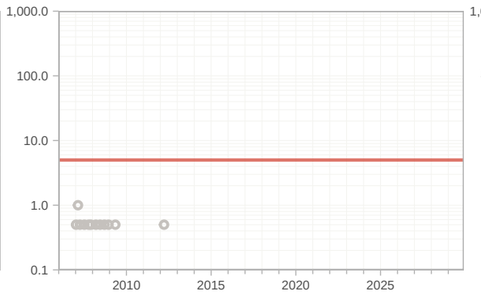
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

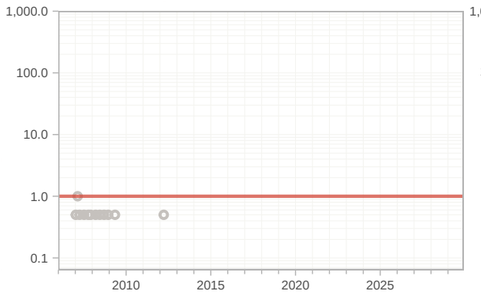
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

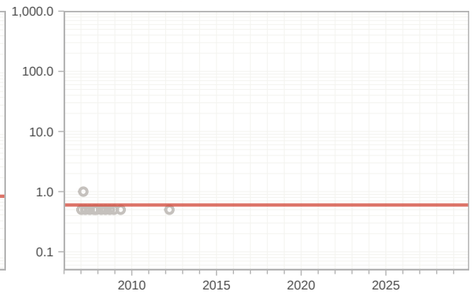
NYS GWQS = 1 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Notes:
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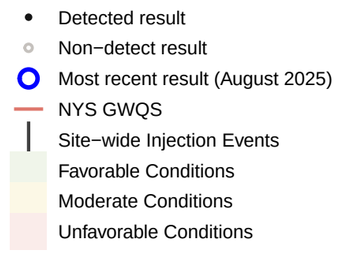
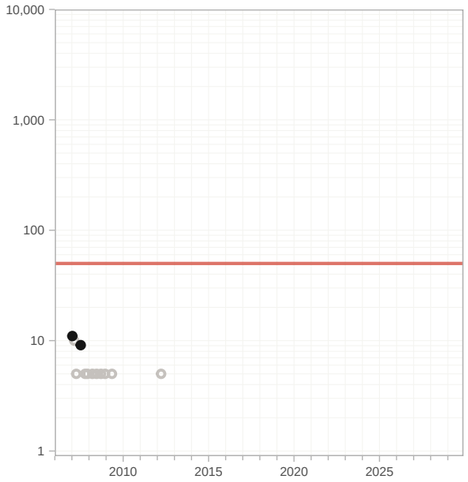


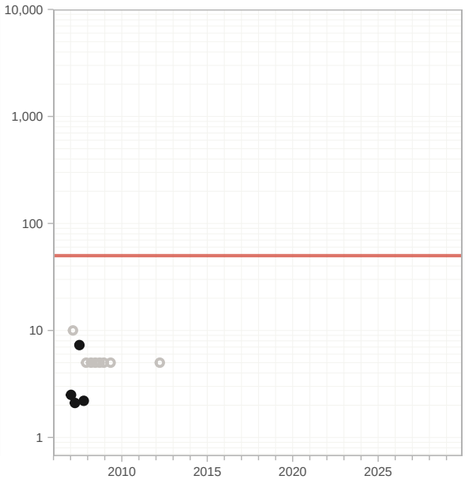
BP−12D PORT 6 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



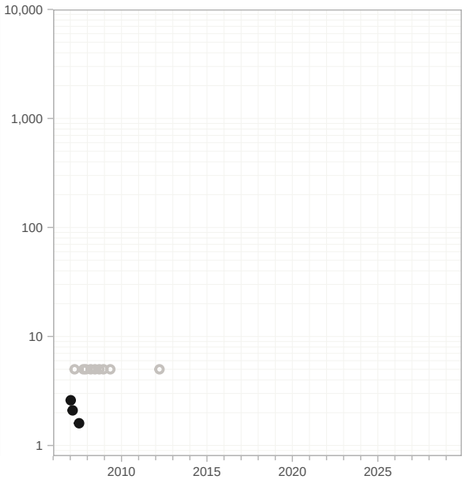
All | N = 12; ND = 10; %ND = 83.3; M−K = probably decreasing

Butanone (2−) (MEK) (ug/L)



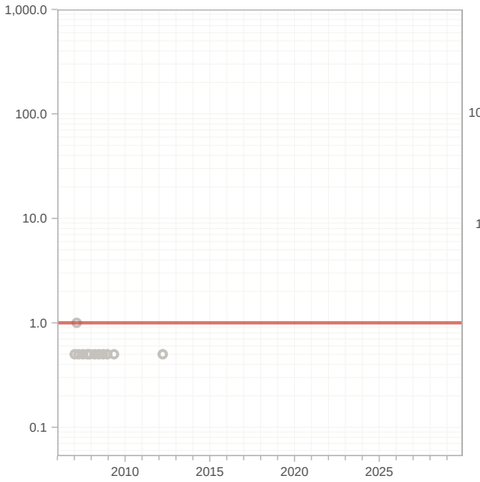
All | N = 12; ND = 8; %ND = 66.7; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



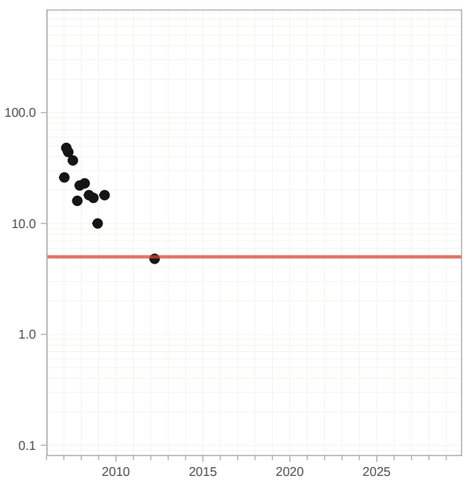
All | N = 12; ND = 9; %ND = 75; M−K = no trend

Benzene (ug/L)



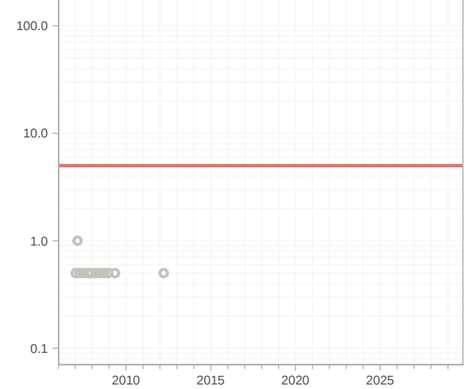
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Toluene (ug/L)



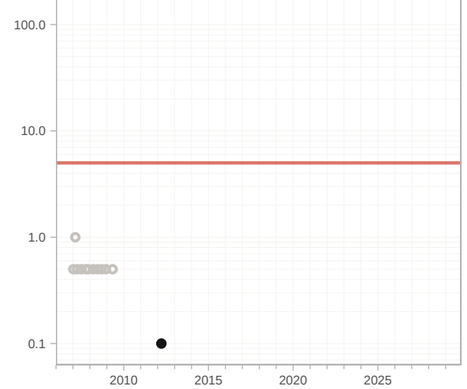
All | N = 12; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



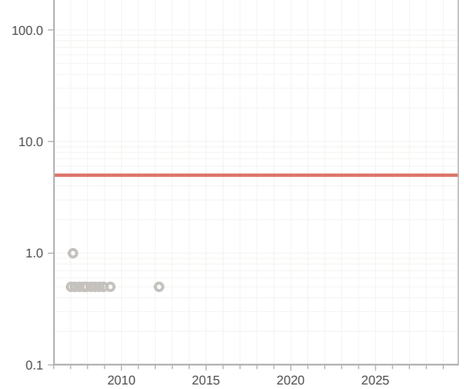
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



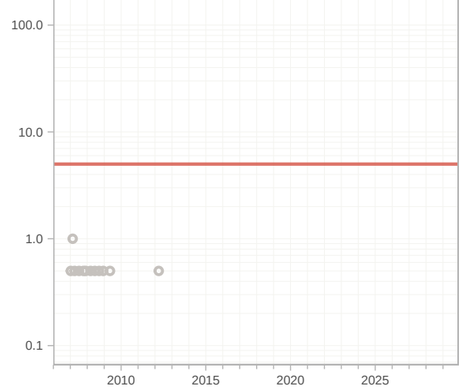
All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Notes:
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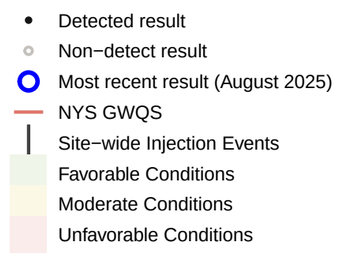
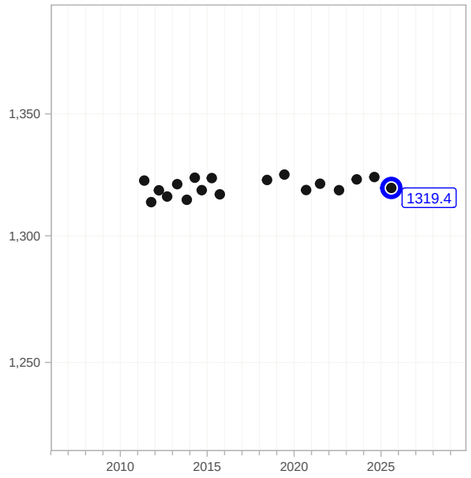


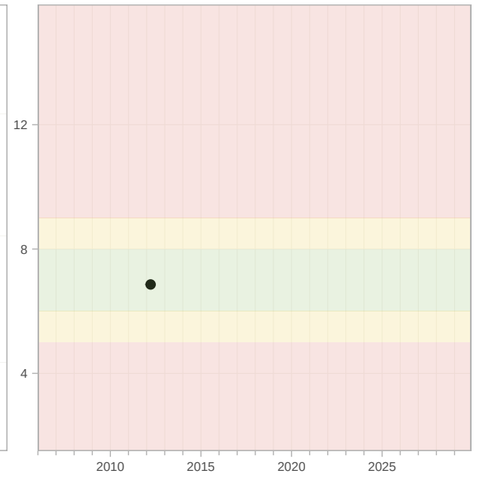
BP−12D PORT 6 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



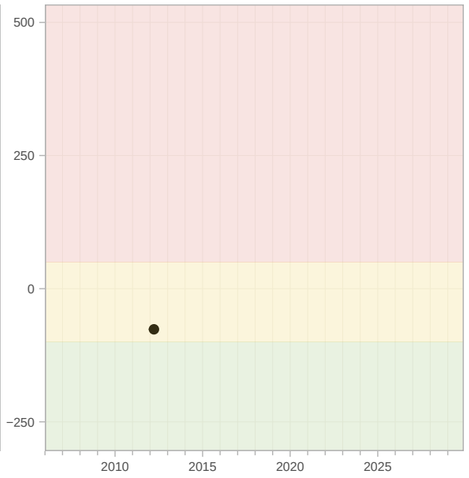
All | N = 18; ND = 0; %ND = 0; M−K = probably increasing

pH (SU)



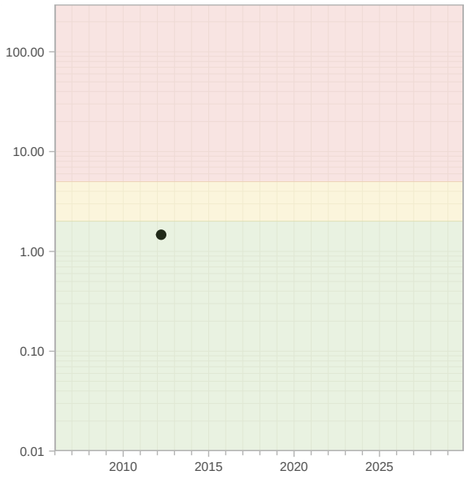
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



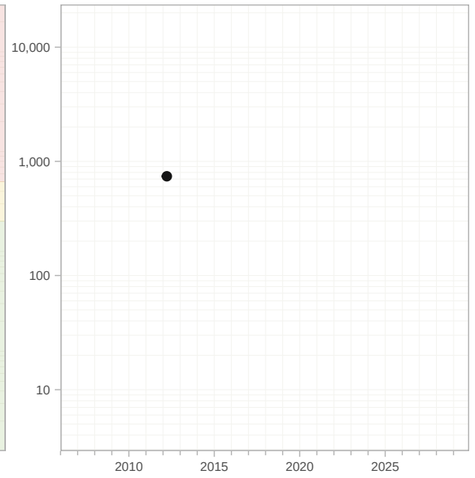
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



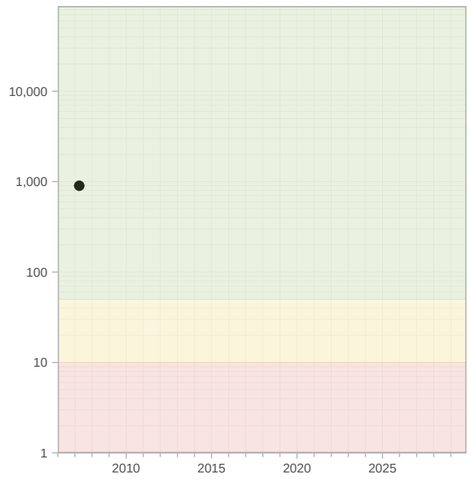
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



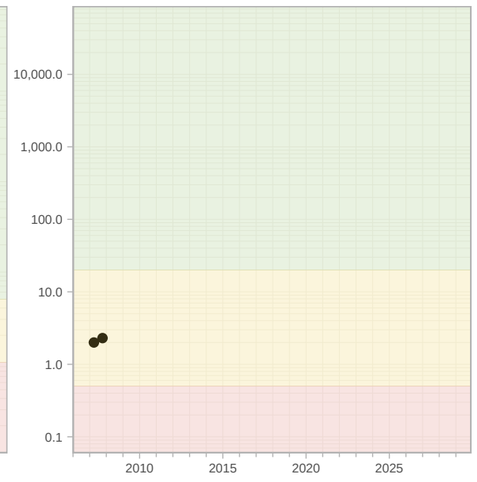
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Sulfide (ug/L)



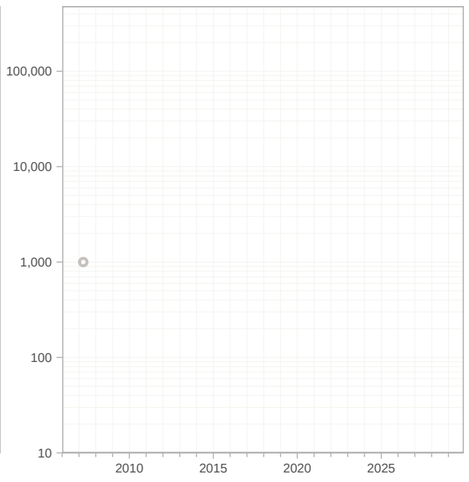
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



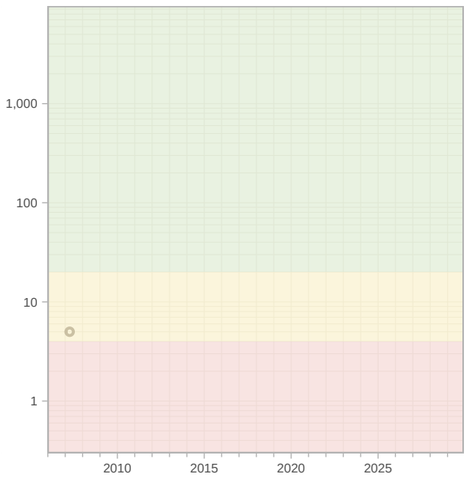
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



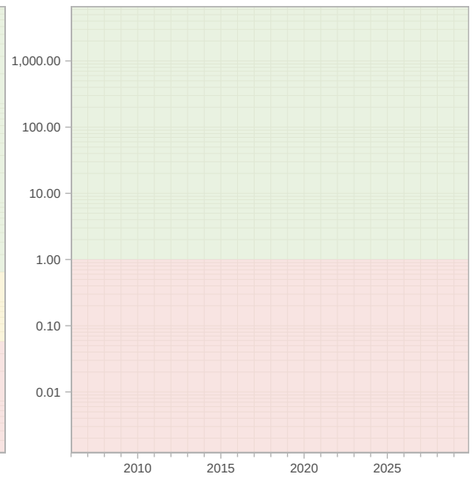
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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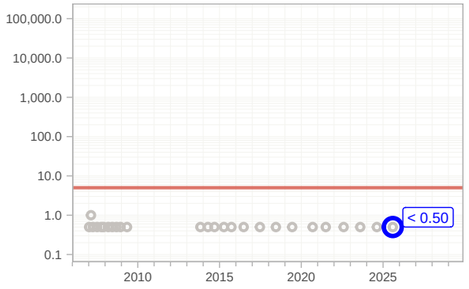
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−12D PORT 7 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

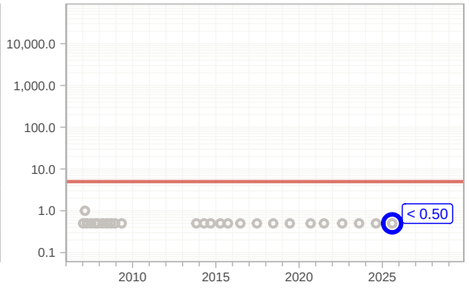
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

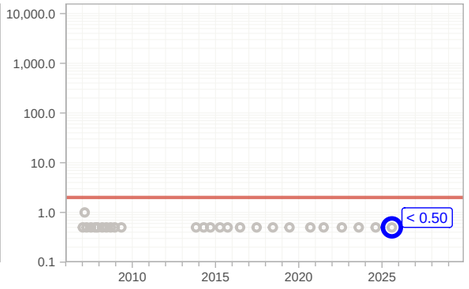
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

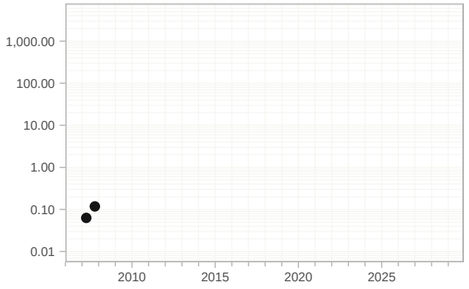
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



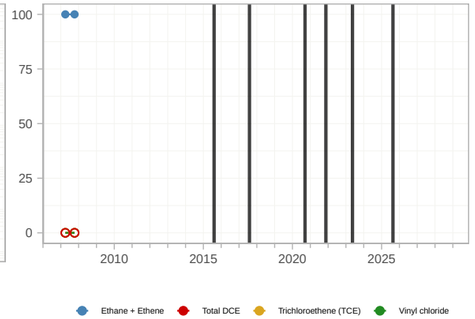
All | N = 26; ND = 26; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



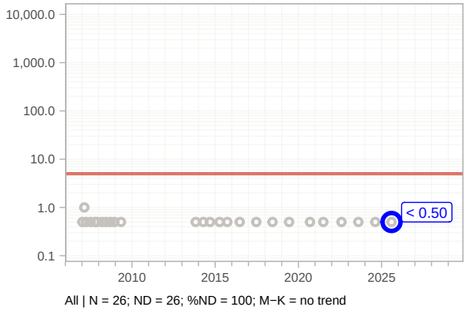
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

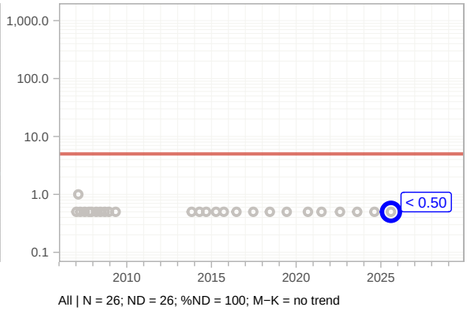
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

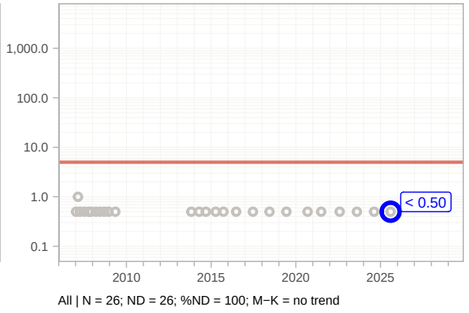
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

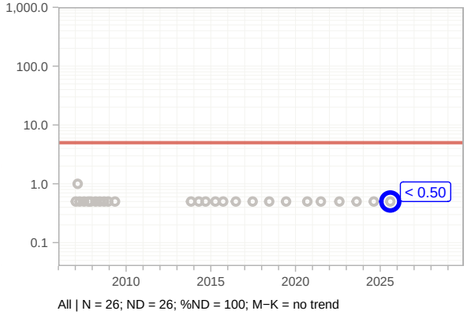
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

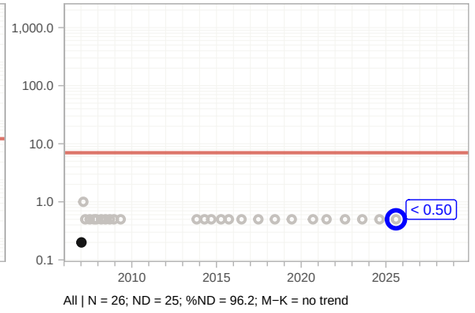
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

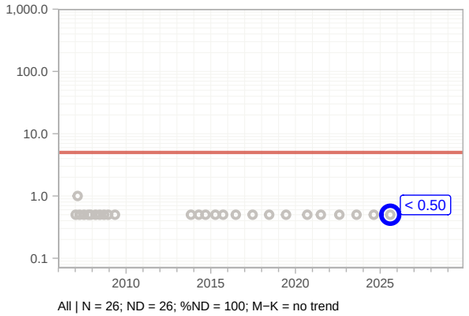
NYS GWQS = 7 ug/L



All | N = 26; ND = 25; %ND = 96.2; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

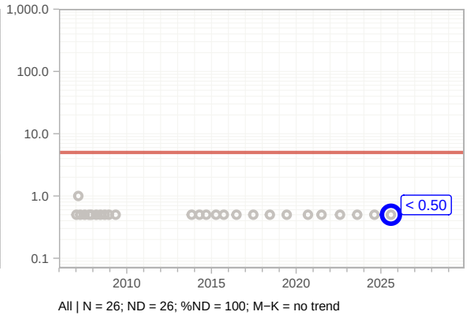
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Chloromethane (ug/L)

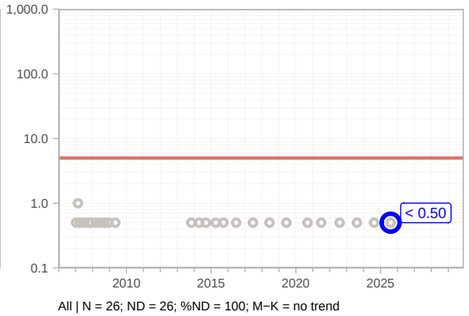
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

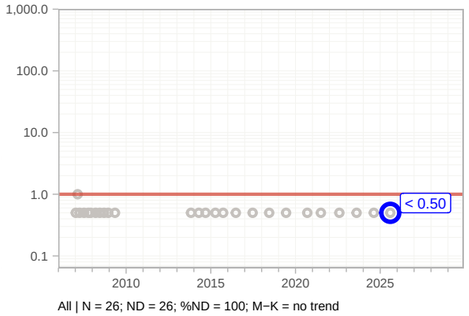
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

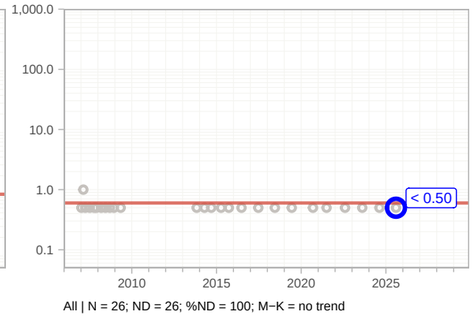
NYS GWQS = 1 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

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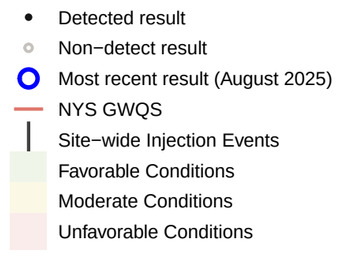
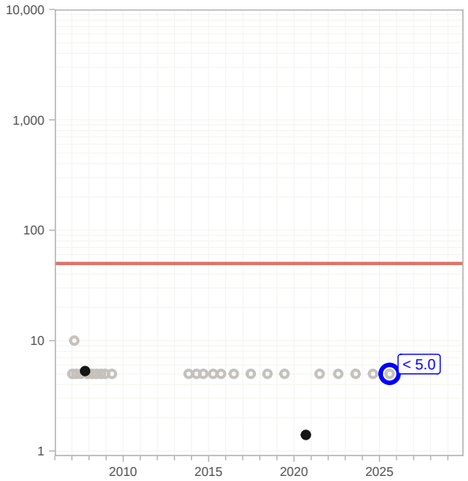


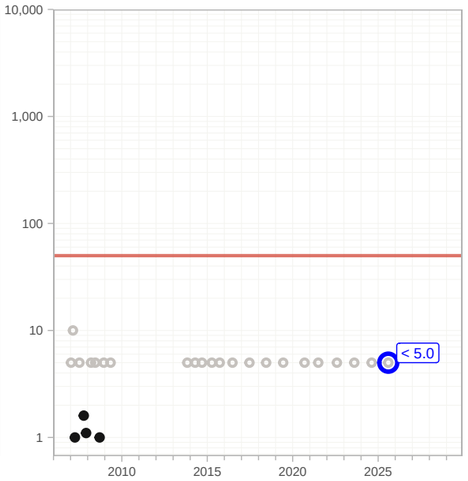
BP−12D PORT 7 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



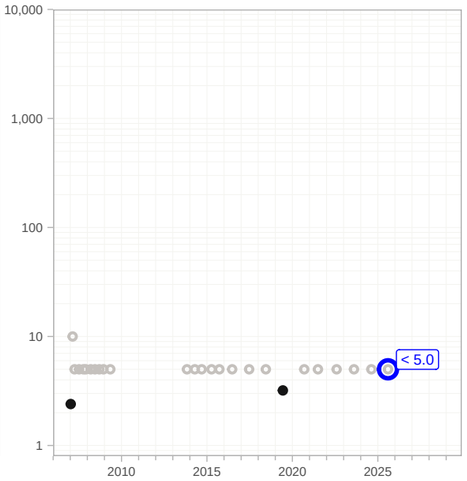
All | N = 26; ND = 24; %ND = 92.3; M−K = no trend

Butanone (2−) (MEK) (ug/L)



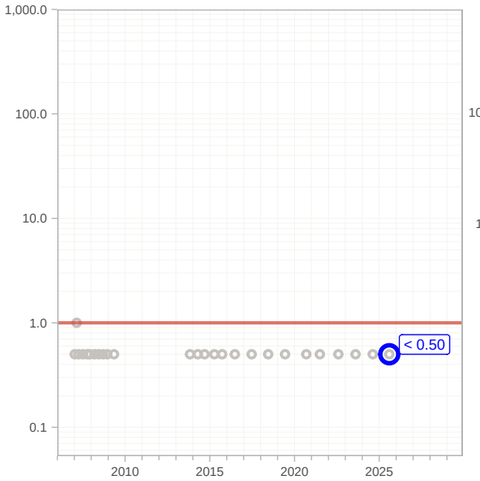
All | N = 26; ND = 22; %ND = 84.6; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



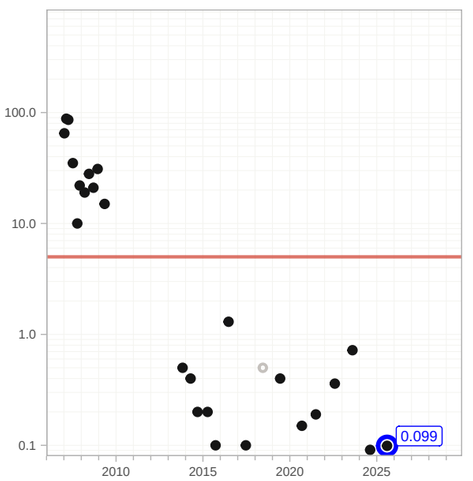
All | N = 26; ND = 24; %ND = 92.3; M−K = no trend

Benzene (ug/L)



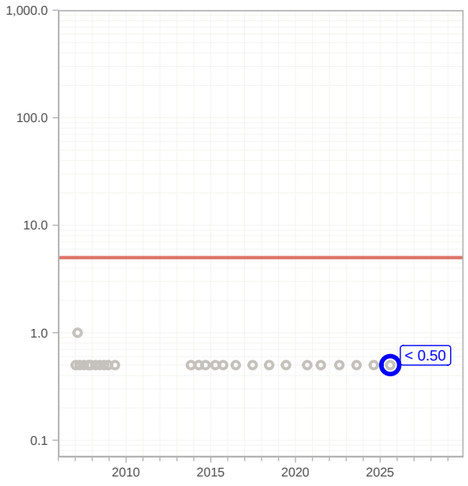
All | N = 26; ND = 26; %ND = 100; M−K = no trend

Toluene (ug/L)



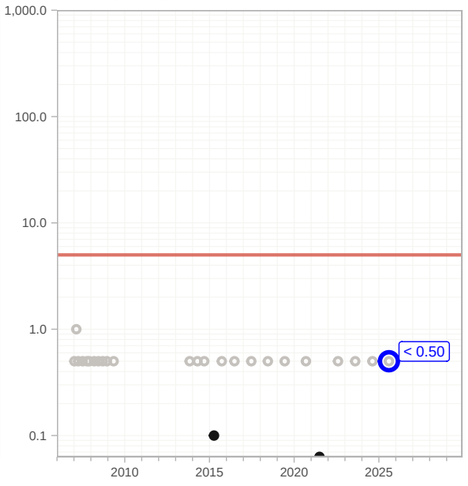
All | N = 26; ND = 1; %ND = 3.9; M−K = strong decreasing

Ethylbenzene (ug/L)



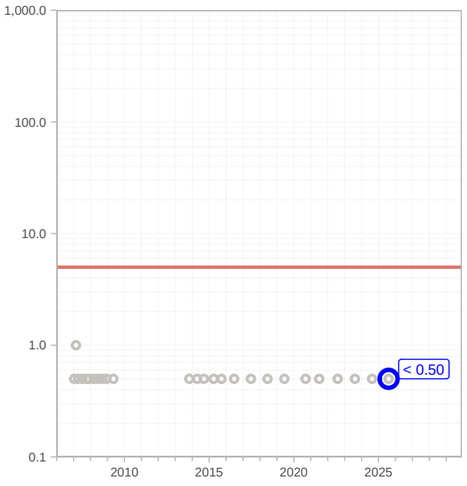
All | N = 26; ND = 26; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



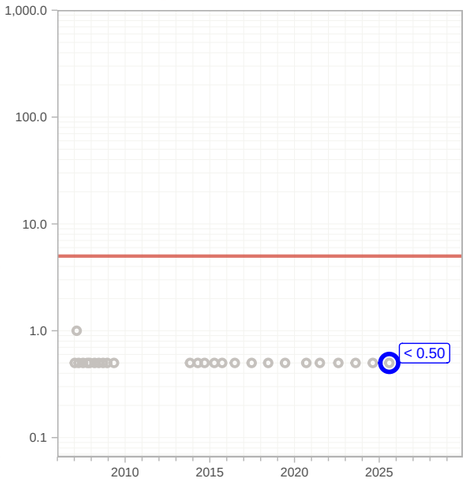
All | N = 26; ND = 24; %ND = 92.3; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Notes:
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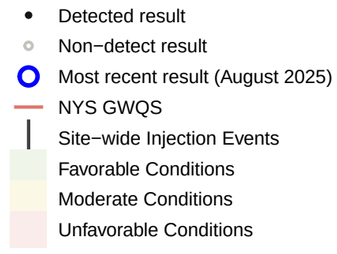
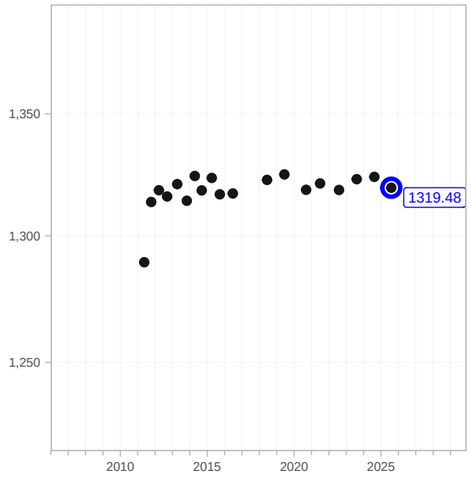


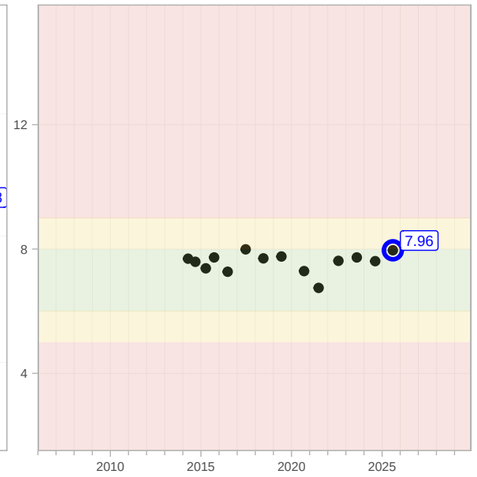
BP−12D PORT 7 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



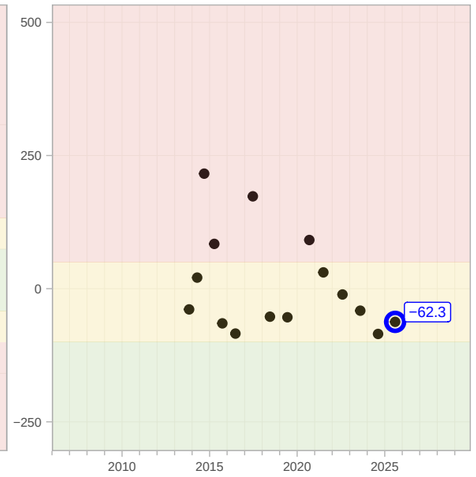
All | N = 19; ND = 0; %ND = 0; M−K = increasing

pH (SU)



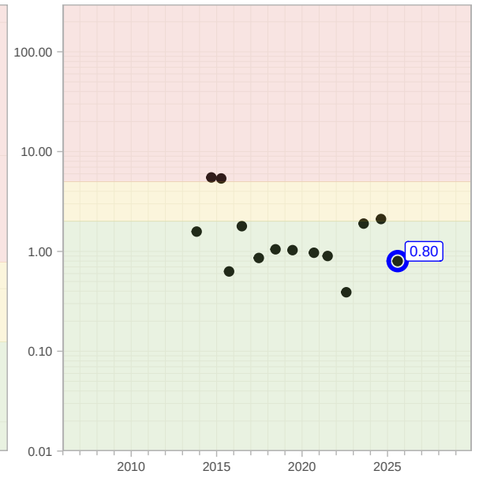
All | N = 14; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



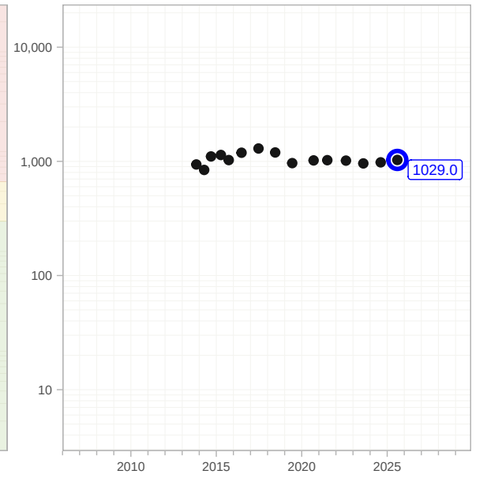
All | N = 15; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



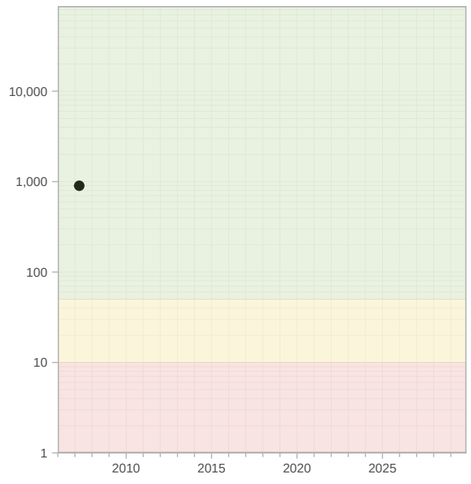
All | N = 14; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



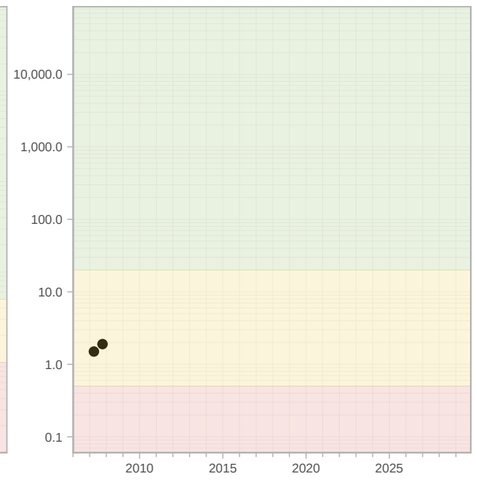
All | N = 15; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



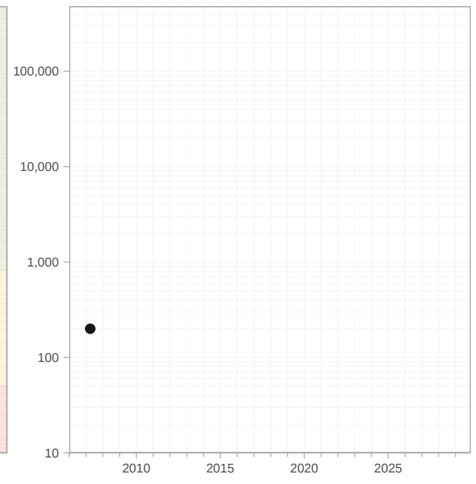
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



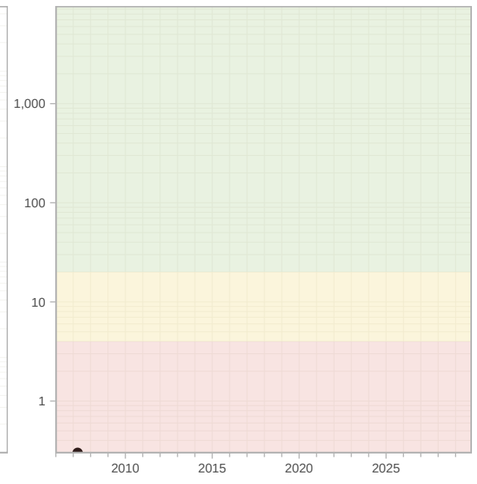
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



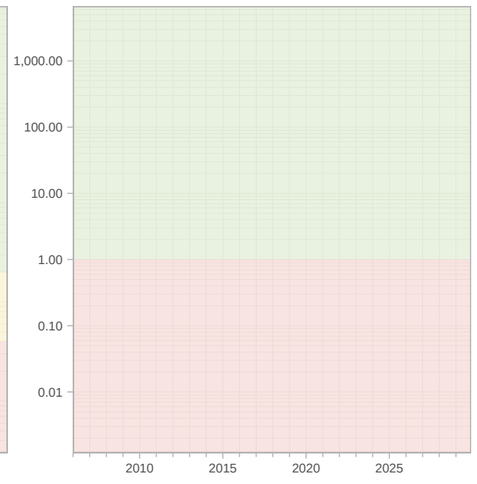
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

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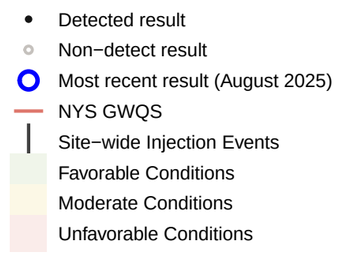
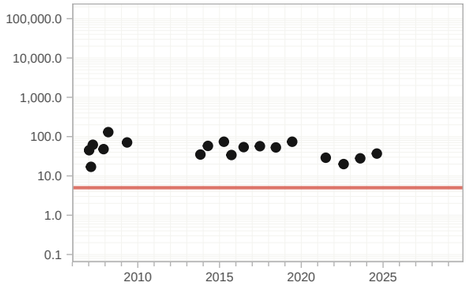


BP−13D PORT 1 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

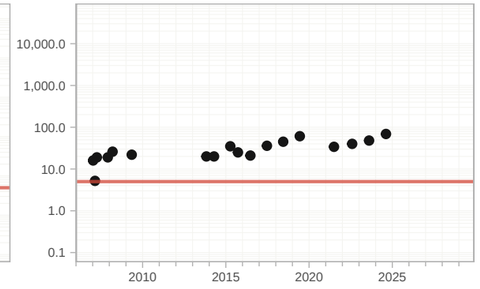
NYS GWQS = 5 ug/L



All | N = 18; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

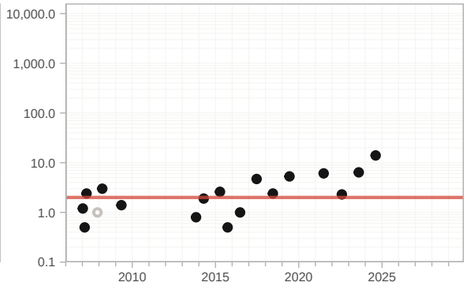
NYS GWQS = 5 ug/L



All | N = 18; ND = 0; %ND = 0; M−K = strong increasing

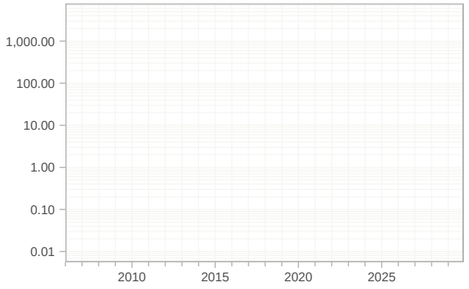
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



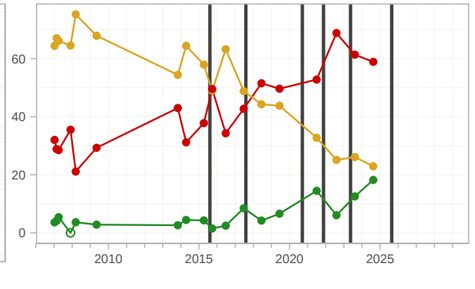
All | N = 18; ND = 1; %ND = 5.6; M−K = strong increasing

Ethane + Ethene



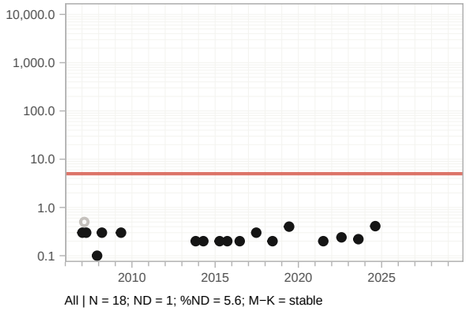
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

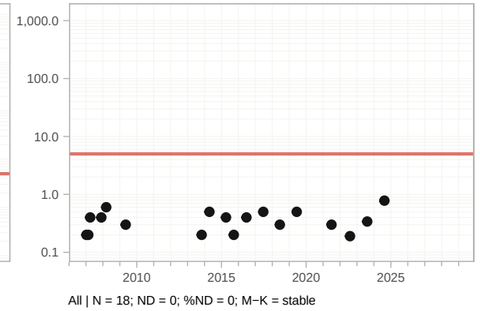
NYS GWQS = 5 ug/L



All | N = 18; ND = 1; %ND = 5.6; M−K = stable

Dichloroethene (1,1−) (ug/L)

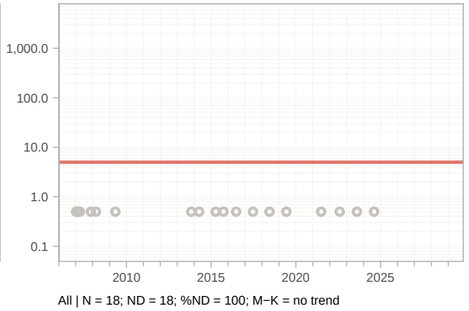
NYS GWQS = 5 ug/L



All | N = 18; ND = 0; %ND = 0; M−K = stable

Tetrachloroethene (PCE) (ug/L)

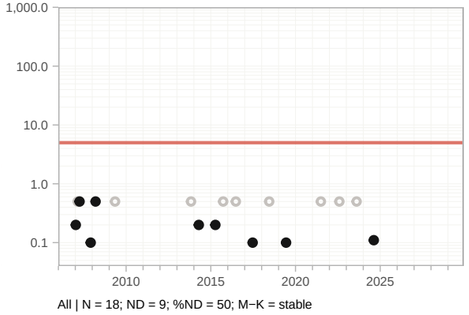
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

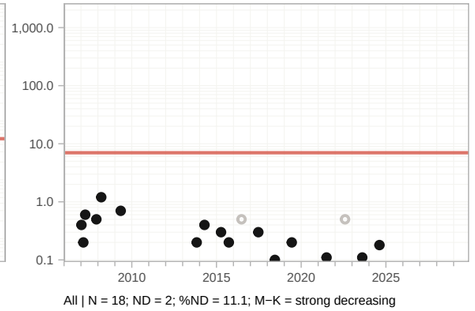
NYS GWQS = 5 ug/L



All | N = 18; ND = 9; %ND = 50; M−K = stable

Chloroform (Trichloromethane) (ug/L)

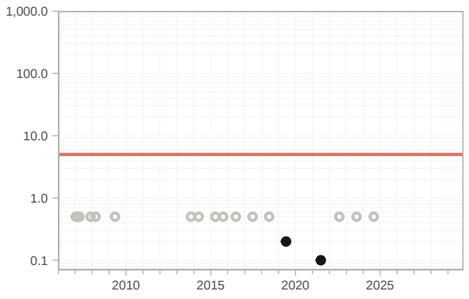
NYS GWQS = 7 ug/L



All | N = 18; ND = 2; %ND = 11.1; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

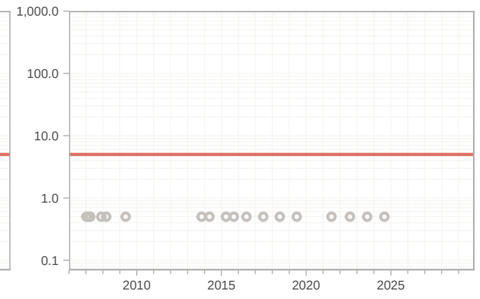
NYS GWQS = 5 ug/L



All | N = 18; ND = 16; %ND = 88.9; M−K = no trend

Chloromethane (ug/L)

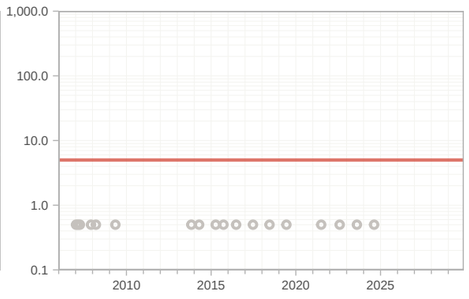
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

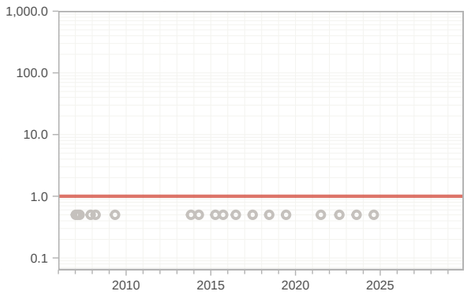
NYS GWQS = 5 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

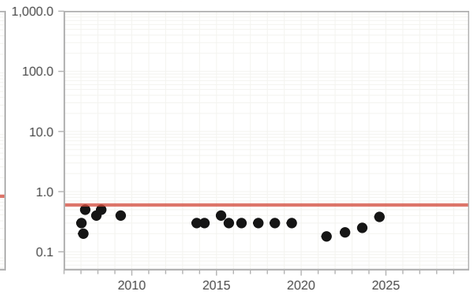
NYS GWQS = 1 ug/L



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 18; ND = 0; %ND = 0; M−K = probably decreasing

Notes:
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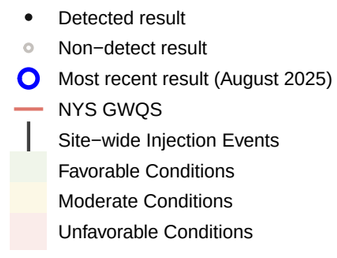
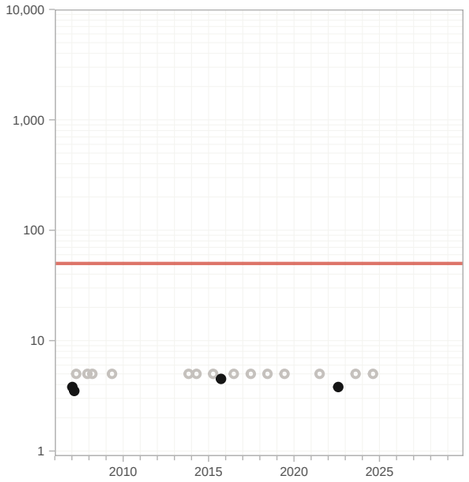


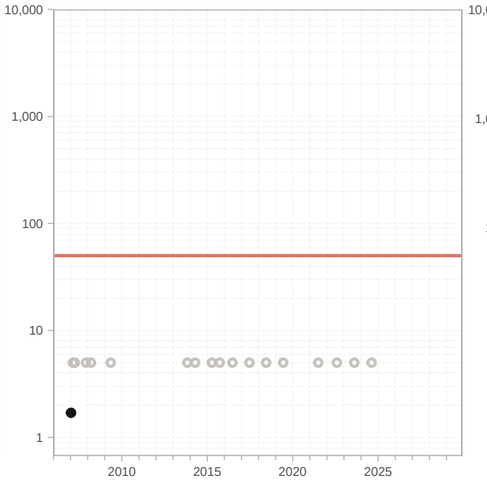
BP−13D PORT 1 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



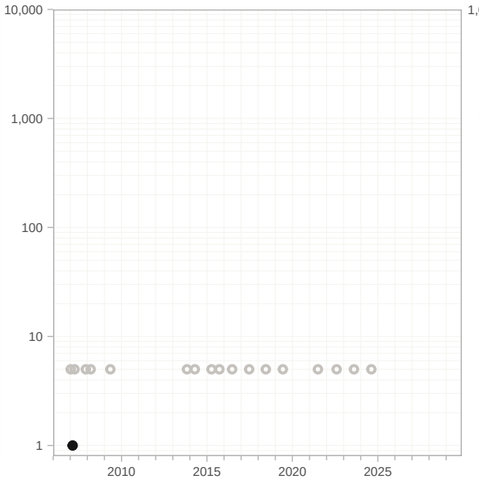
All | N = 18; ND = 14; %ND = 77.8; M−K = stable

Butanone (2−) (MEK) (ug/L)



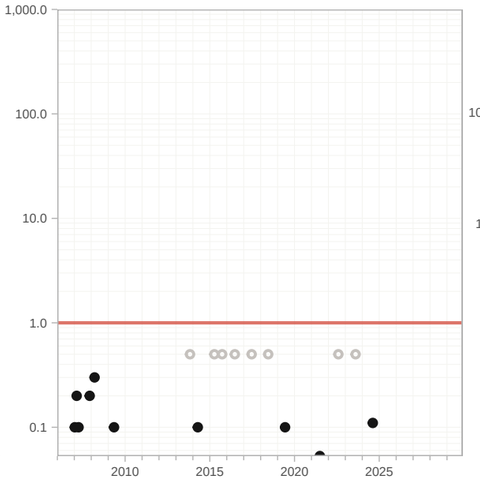
All | N = 18; ND = 17; %ND = 94.4; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



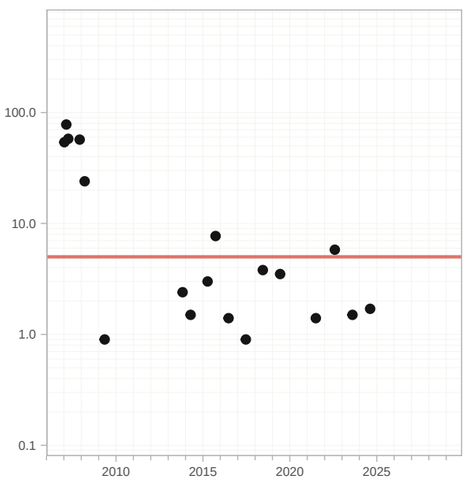
All | N = 18; ND = 17; %ND = 94.4; M−K = no trend

Benzene (ug/L)



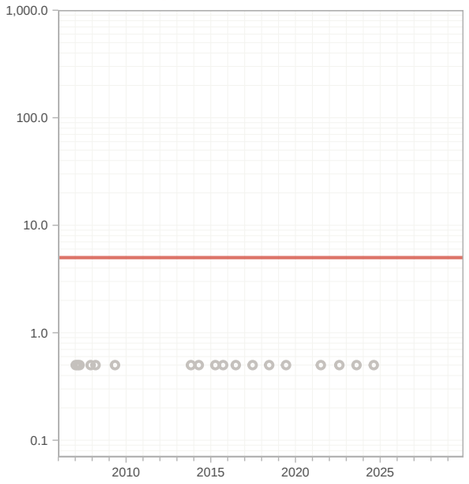
All | N = 18; ND = 8; %ND = 44.4; M−K = stable

Toluene (ug/L)



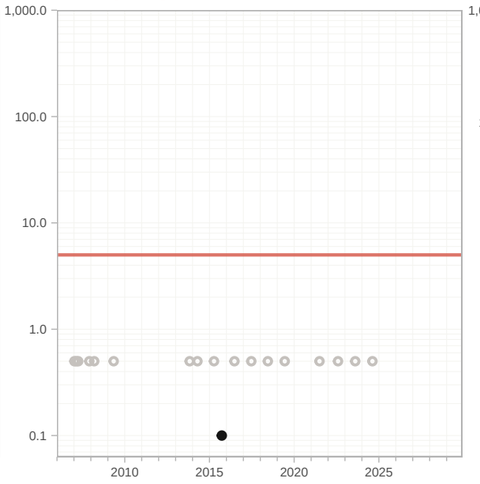
All | N = 18; ND = 0; %ND = 0; M−K = decreasing

Ethylbenzene (ug/L)



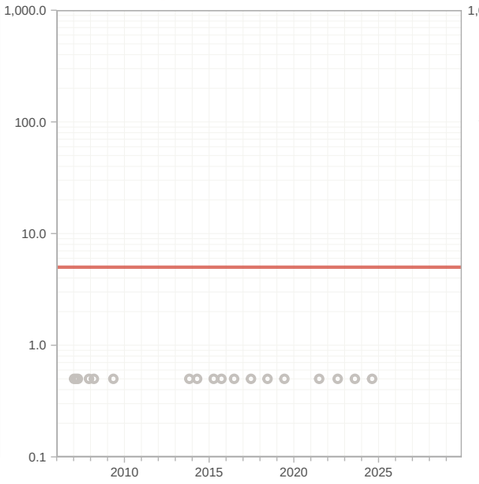
All | N = 18; ND = 18; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



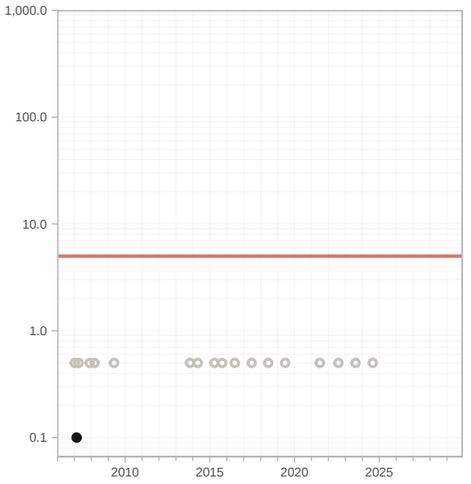
All | N = 18; ND = 17; %ND = 94.4; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 18; ND = 18; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 18; ND = 17; %ND = 94.4; M−K = no trend

Notes:
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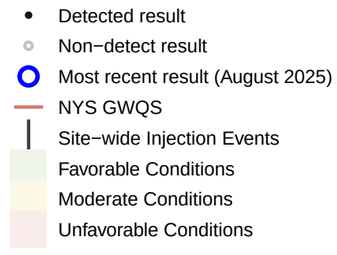
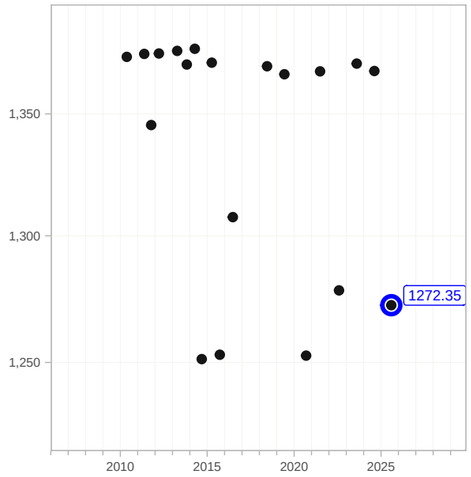


BP−13D PORT 1 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

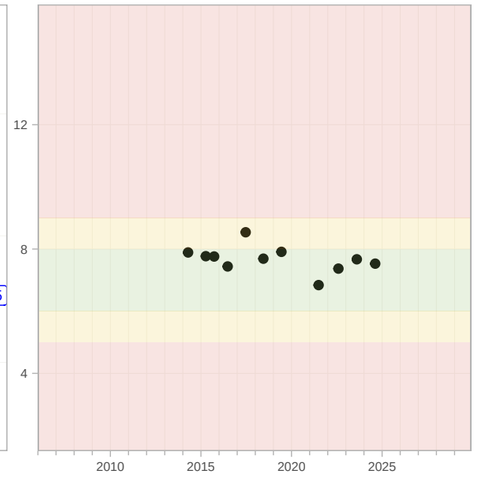
Groundwater Elevation (ft amsl)



All | N = 19; ND = 0; %ND = 0; M−K = probably decreasing

Sulfide

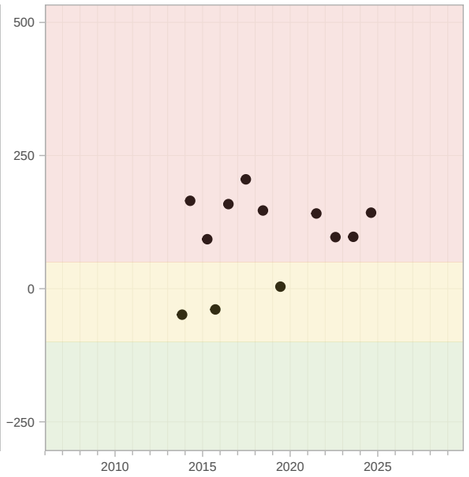
pH (SU)



All | N = 11; ND = 0; %ND = 0; M−K = stable

Methane

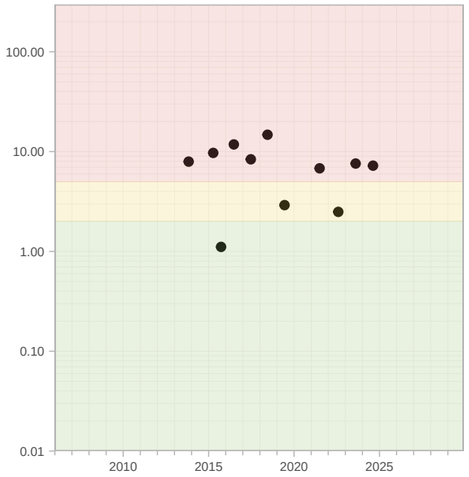
Oxidation/Reduction Potential (mV)



All | N = 12; ND = 0; %ND = 0; M−K = stable

Iron − Ferrous

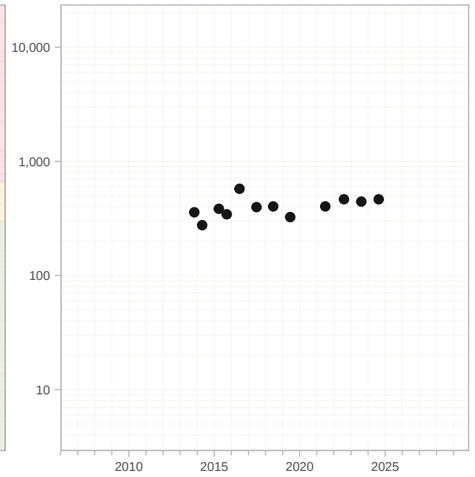
Dissolved Oxygen (mg/L)



All | N = 11; ND = 0; %ND = 0; M−K = stable

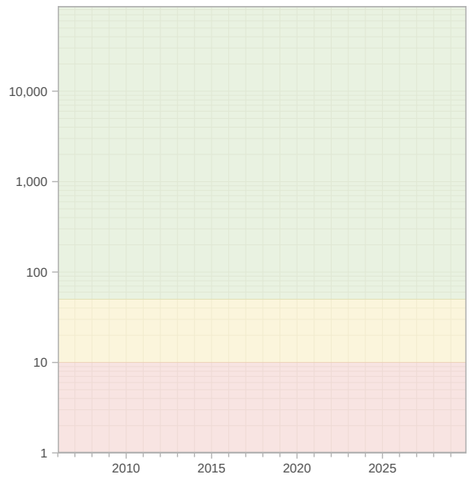
Total Organic Carbon

Specific Conductance (uS/cm)

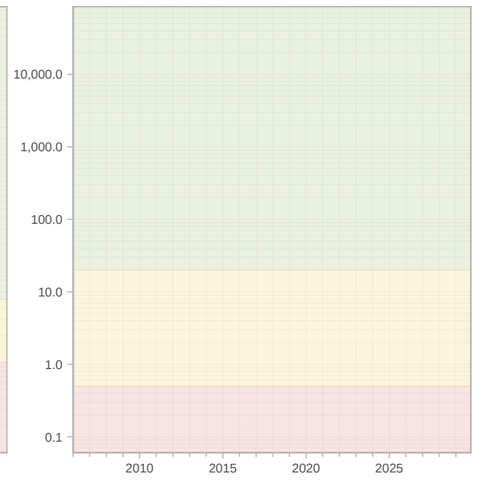


All | N = 12; ND = 0; %ND = 0; M−K = increasing

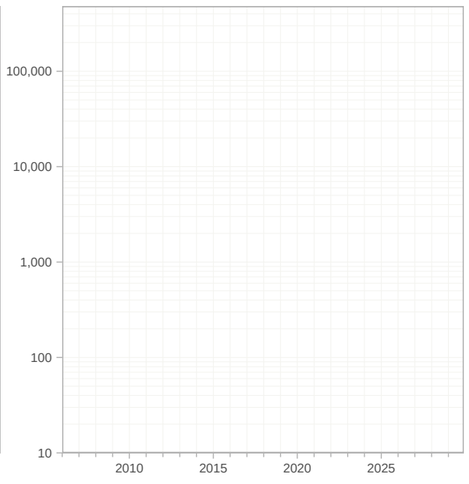
Total Volatile Fatty Acids



No Data



No Data



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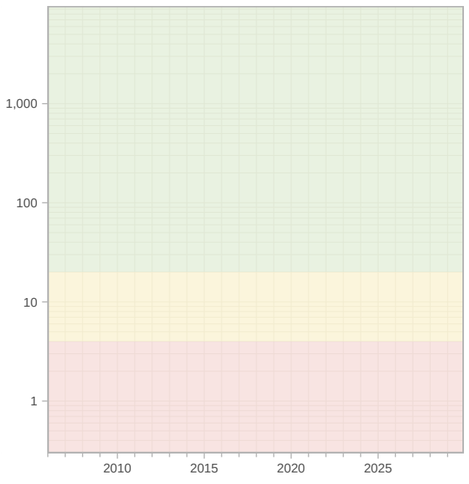
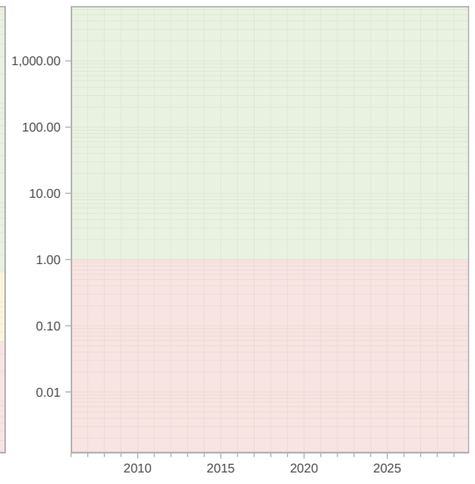


No Data



No Data

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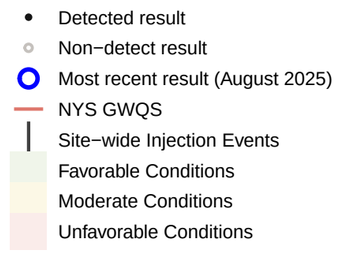
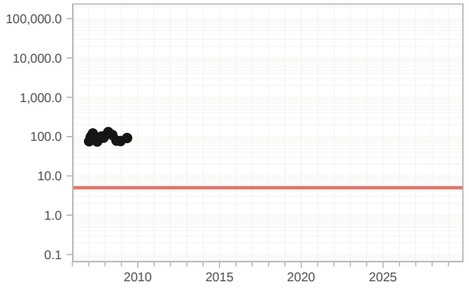


BP−13D PORT 2 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

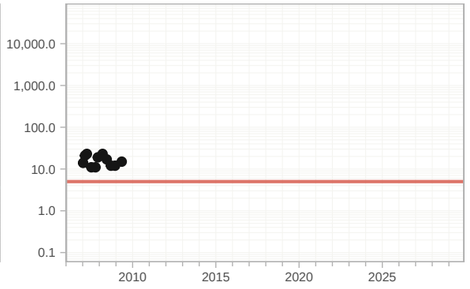
NYS GWQS = 5 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

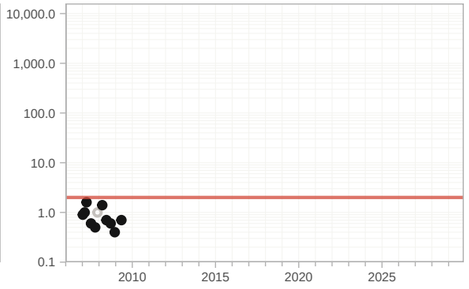
NYS GWQS = 5 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = stable

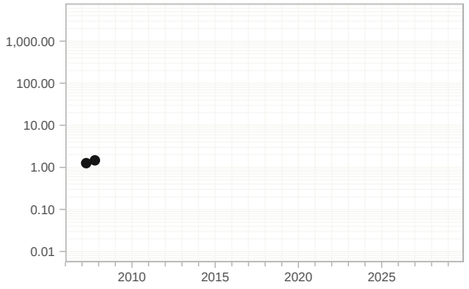
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



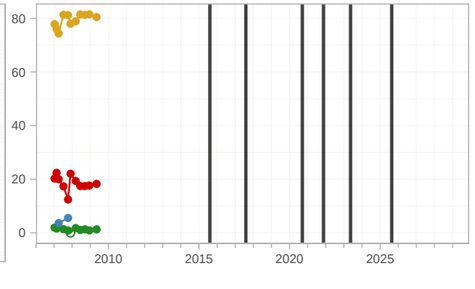
All | N = 11; ND = 1; %ND = 9.1; M−K = stable

Ethane + Ethene (ug/L)



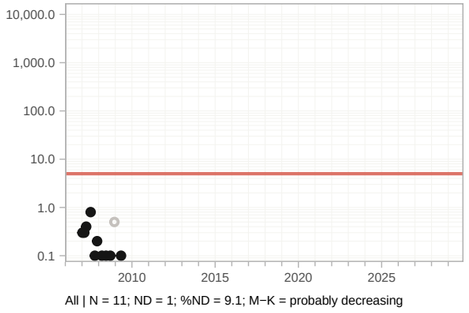
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

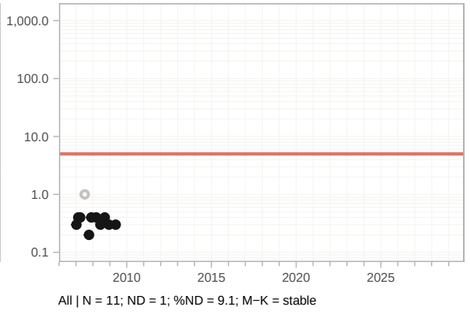
NYS GWQS = 5 ug/L



All | N = 11; ND = 1; %ND = 9.1; M−K = probably decreasing

Dichloroethene (1,1−) (ug/L)

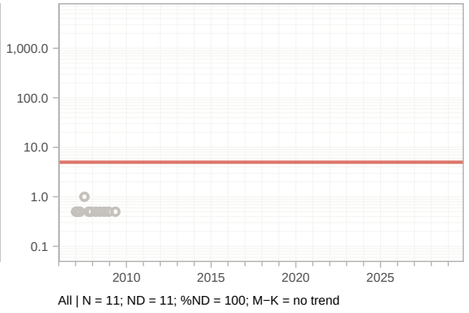
NYS GWQS = 5 ug/L



All | N = 11; ND = 1; %ND = 9.1; M−K = stable

Tetrachloroethene (PCE) (ug/L)

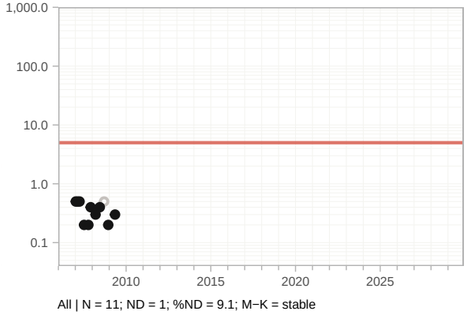
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

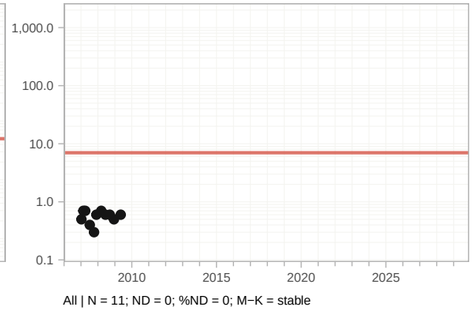
NYS GWQS = 5 ug/L



All | N = 11; ND = 1; %ND = 9.1; M−K = stable

Chloroform (Trichloromethane) (ug/L)

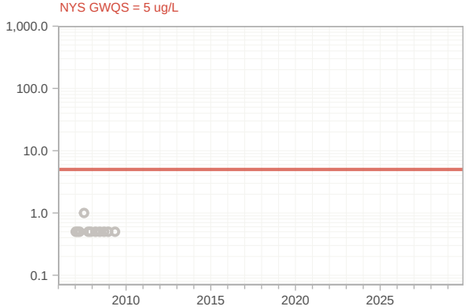
NYS GWQS = 7 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

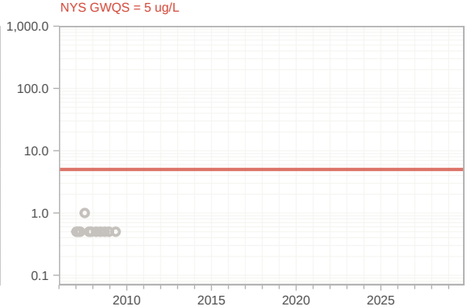
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloromethane (ug/L)

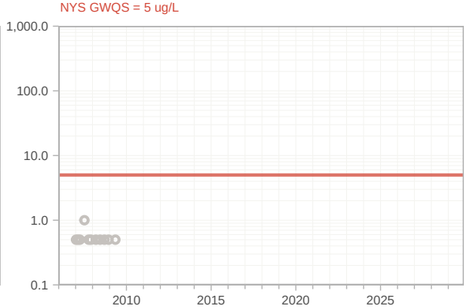
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

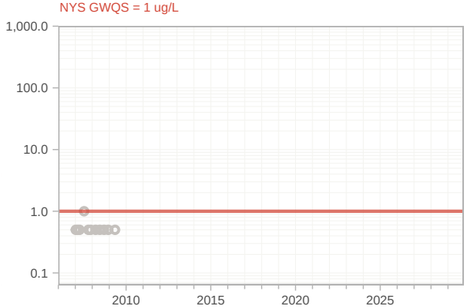
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

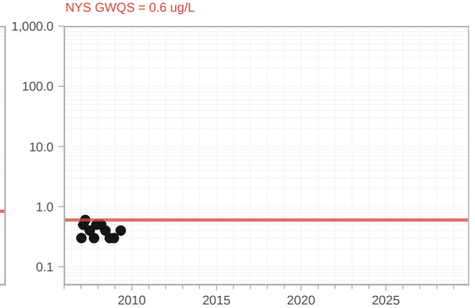
NYS GWQS = 1 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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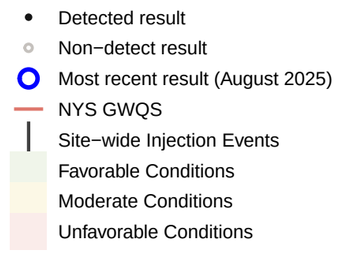
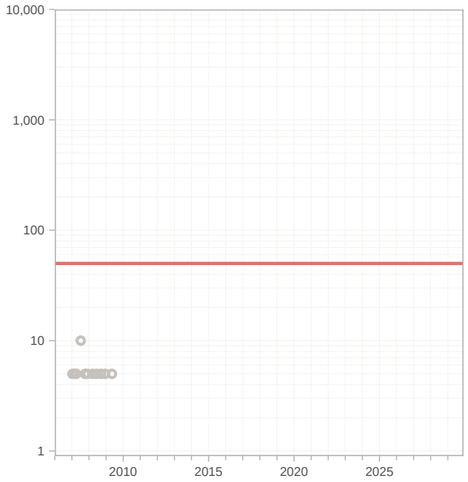


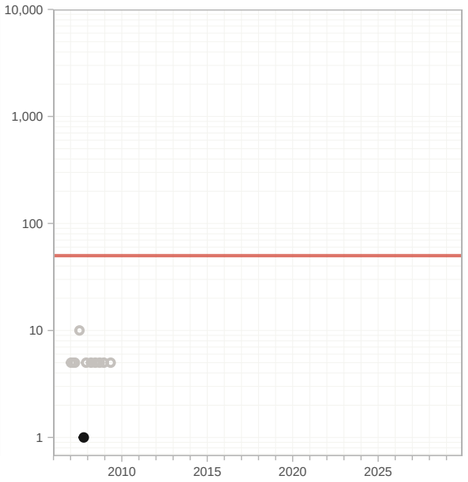
BP−13D PORT 2 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



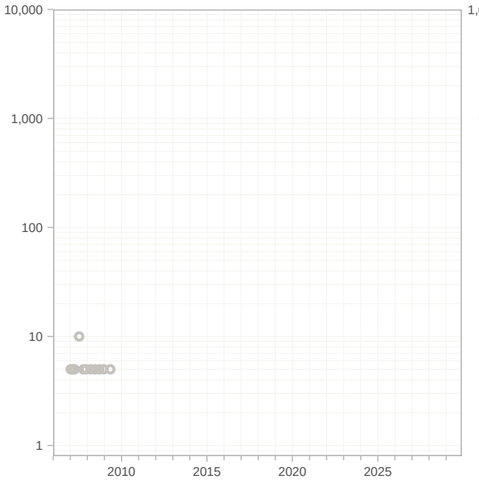
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Butanone (2−) (MEK) (ug/L)



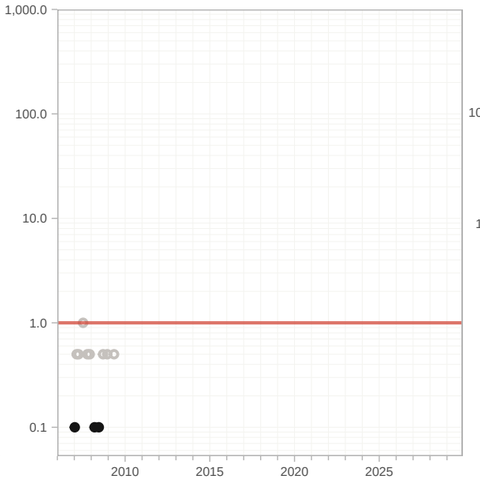
All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



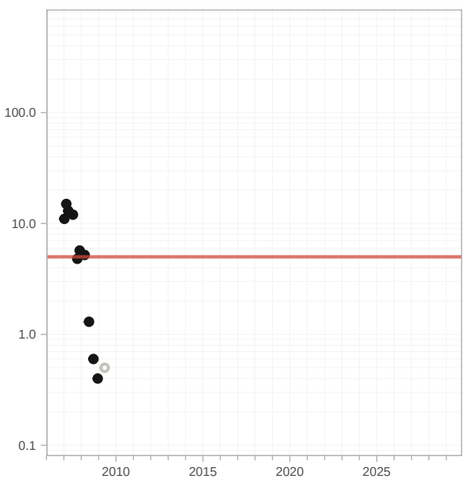
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Benzene (ug/L)



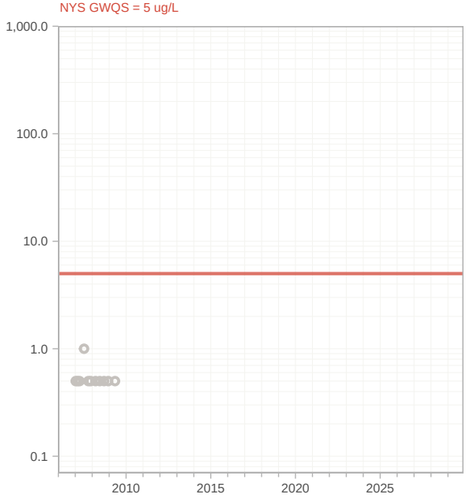
All | N = 11; ND = 8; %ND = 72.7; M−K = no trend

Toluene (ug/L)



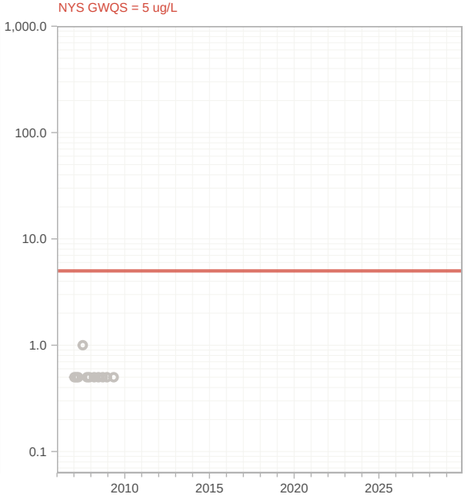
All | N = 11; ND = 1; %ND = 9.1; M−K = strong decreasing

Ethylbenzene (ug/L)



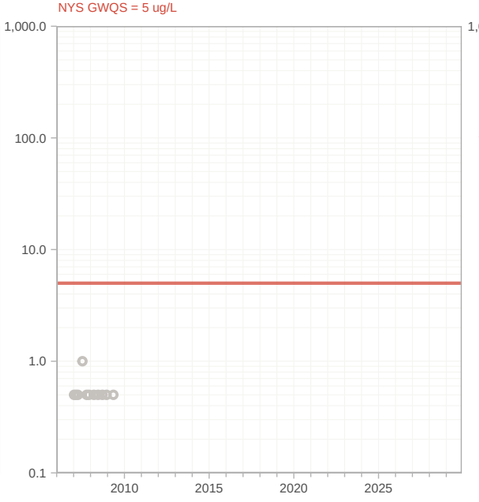
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



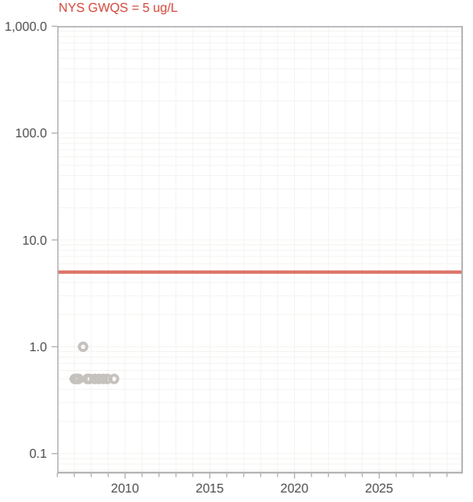
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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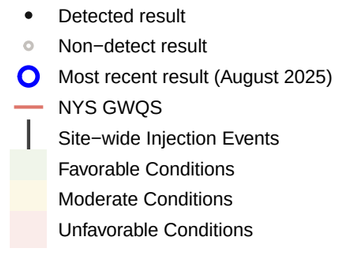
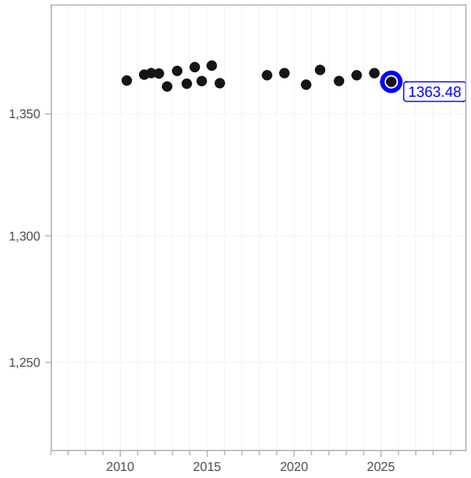


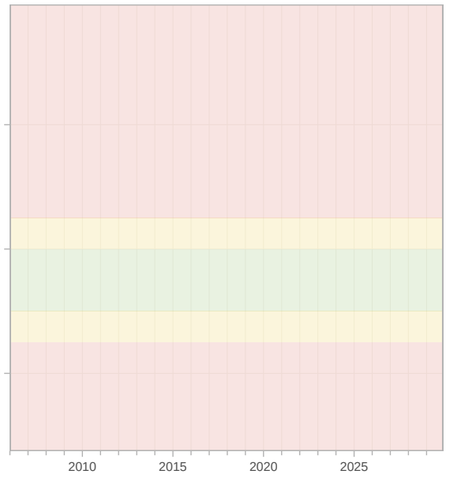
BP−13D PORT 2 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



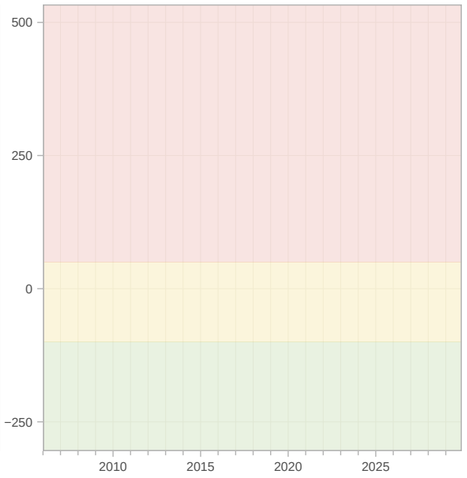
All | N = 19; ND = 0; %ND = 0; M−K = stable

pH



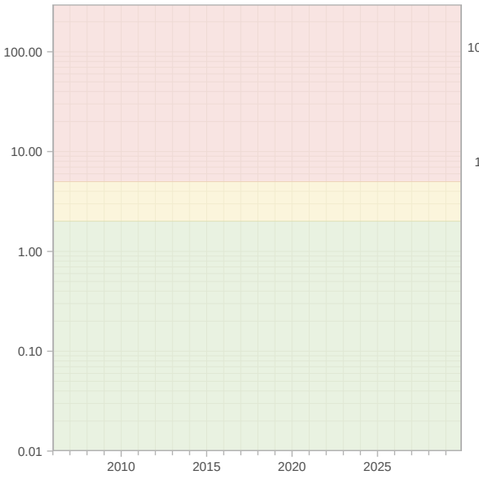
No Data

Oxidation/Reduction Potential



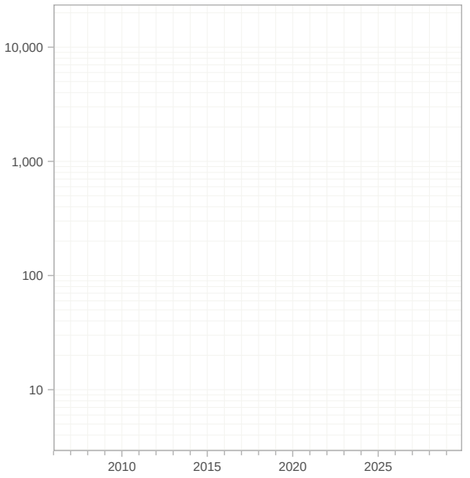
No Data

Dissolved Oxygen



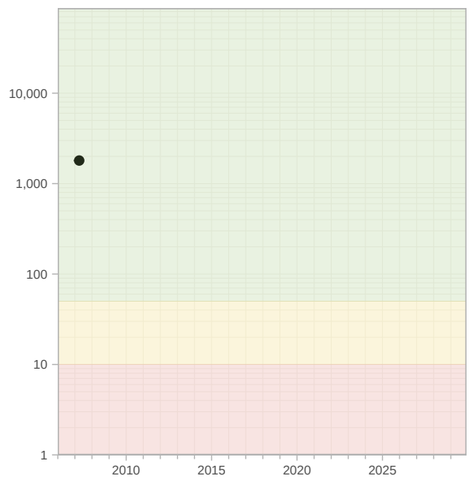
No Data

Specific Conductance



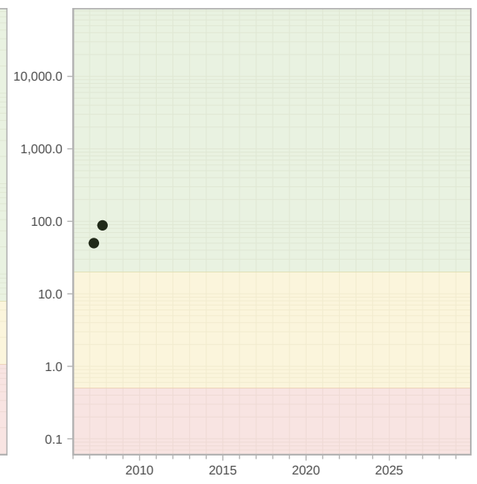
No Data

Sulfide (ug/L)



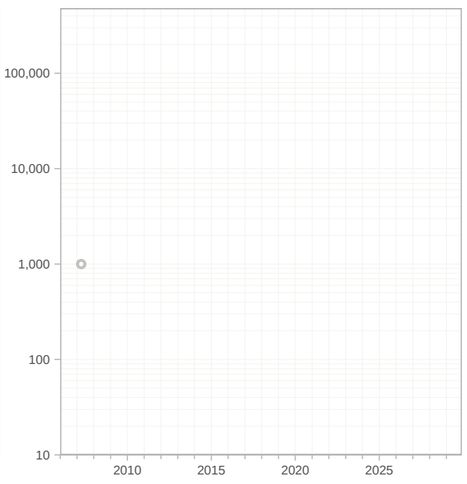
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



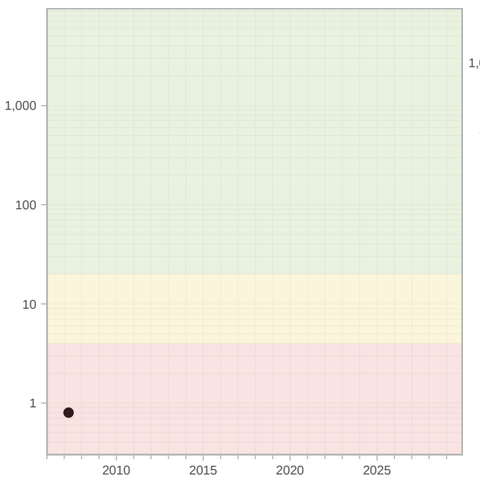
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



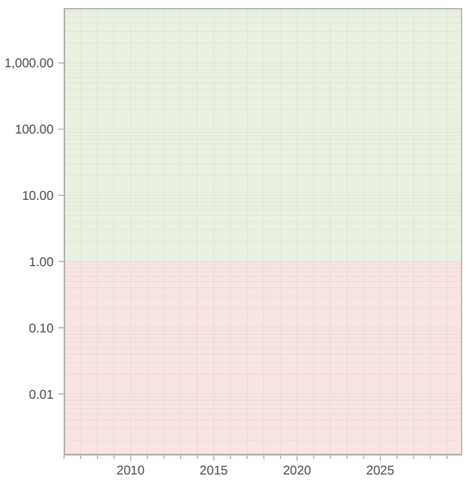
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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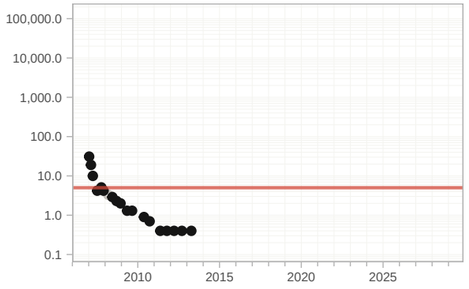
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−13D PORT 3 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

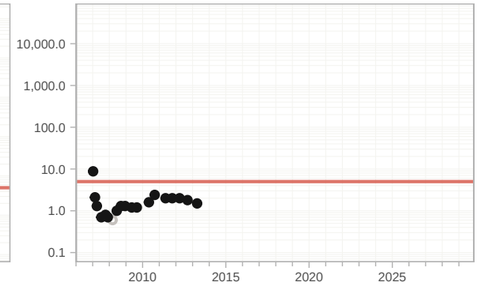
NYS GWQS = 5 ug/L



All | N = 19; ND = 1; %ND = 5.3; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

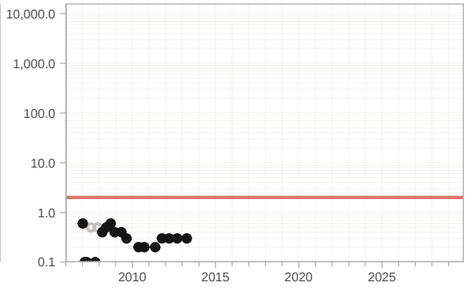
NYS GWQS = 5 ug/L



All | N = 19; ND = 1; %ND = 5.3; M−K = stable

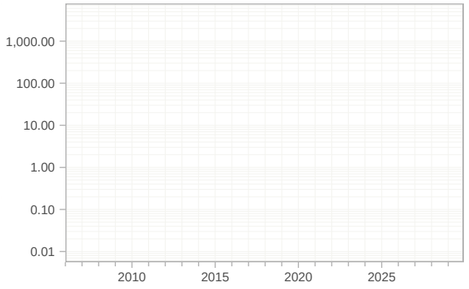
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



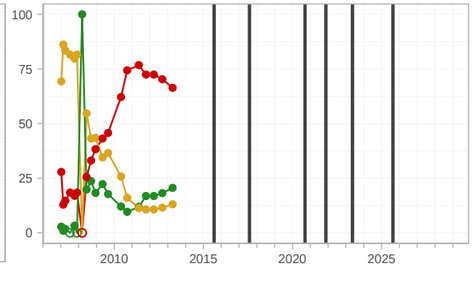
All | N = 19; ND = 2; %ND = 10.5; M−K = stable

Ethane + Ethene



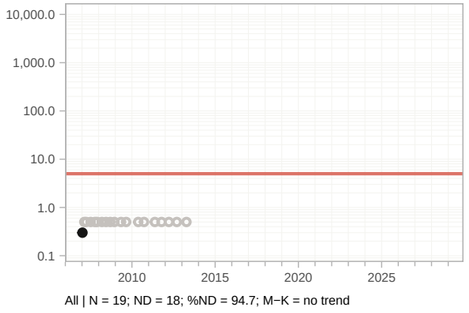
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

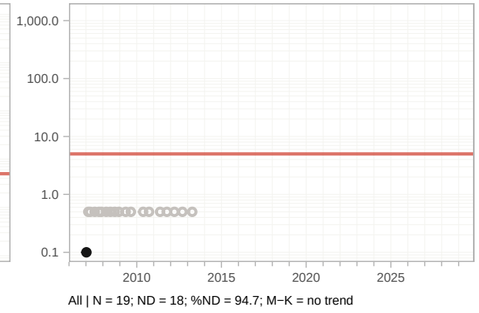
NYS GWQS = 5 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Dichloroethene (1,1−) (ug/L)

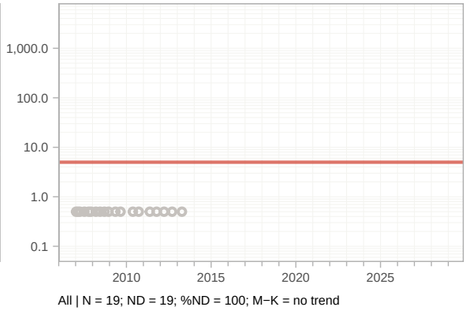
NYS GWQS = 5 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

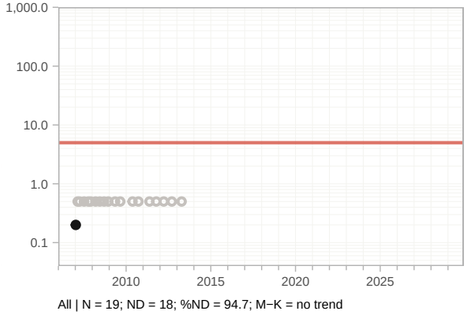
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

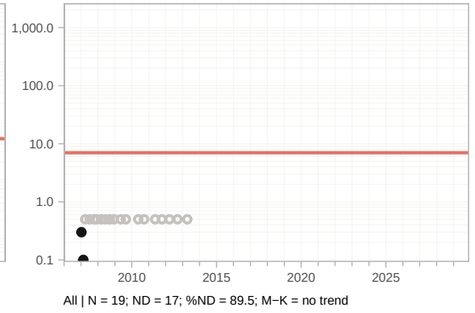
NYS GWQS = 5 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

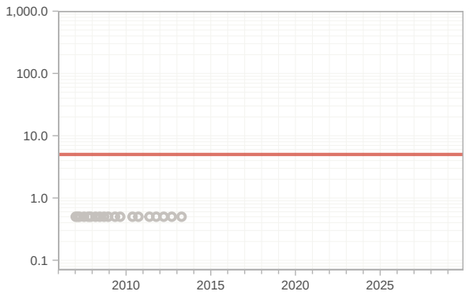
NYS GWQS = 7 ug/L



All | N = 19; ND = 17; %ND = 89.5; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

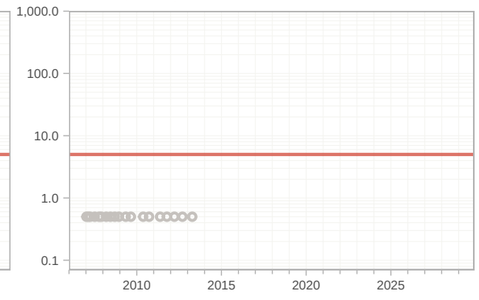
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloromethane (ug/L)

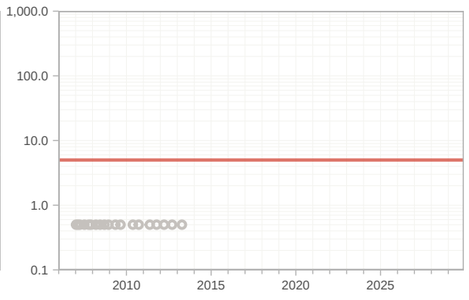
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

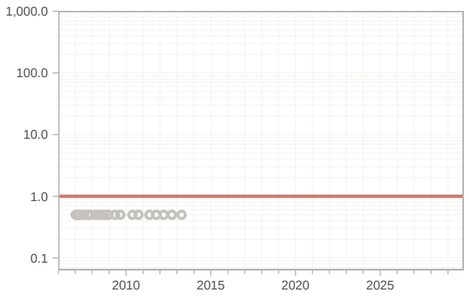
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

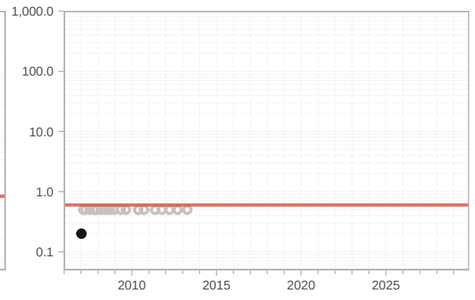
NYS GWQS = 1 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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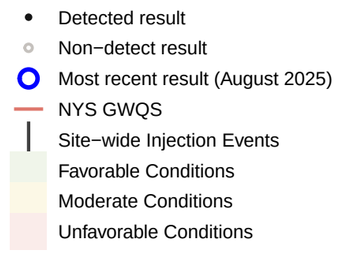
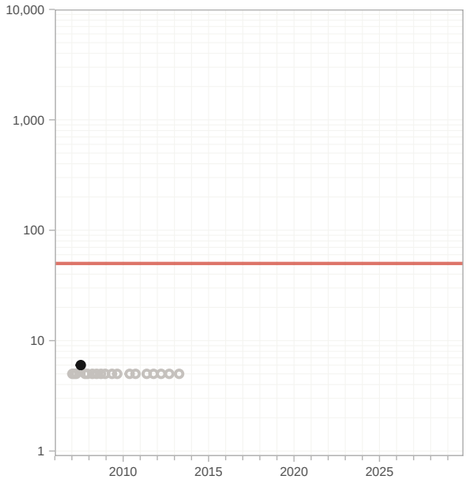
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



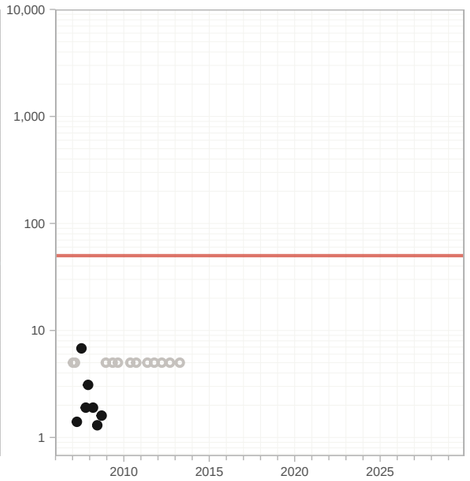
BP−13D PORT 3 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



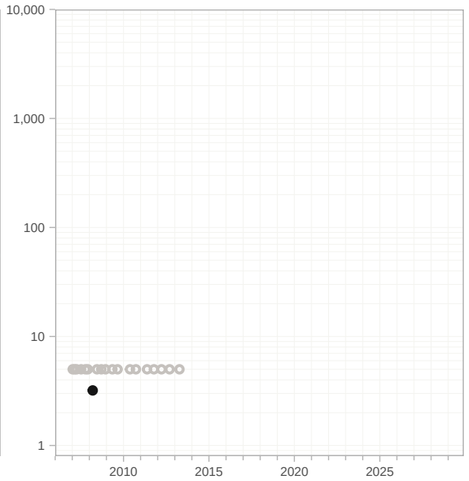
All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Butanone (2−) (MEK) (ug/L)



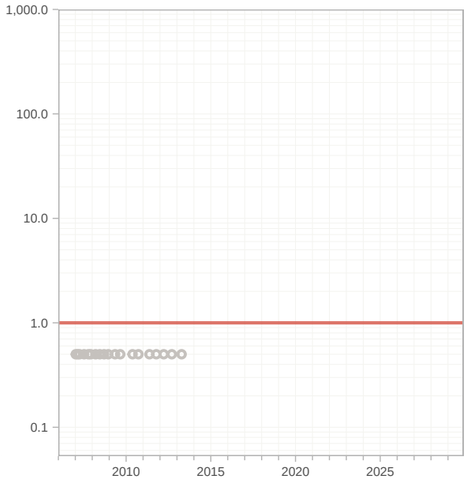
All | N = 19; ND = 12; %ND = 63.2; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



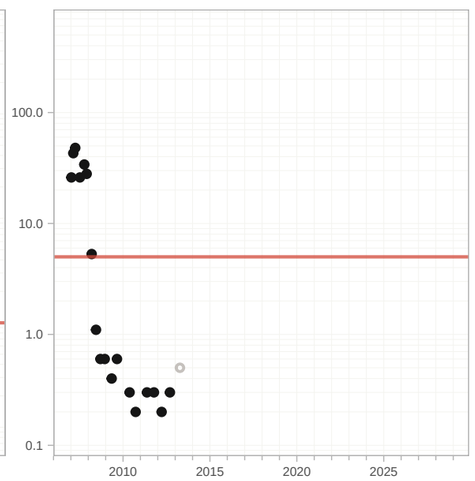
All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Benzene (ug/L)



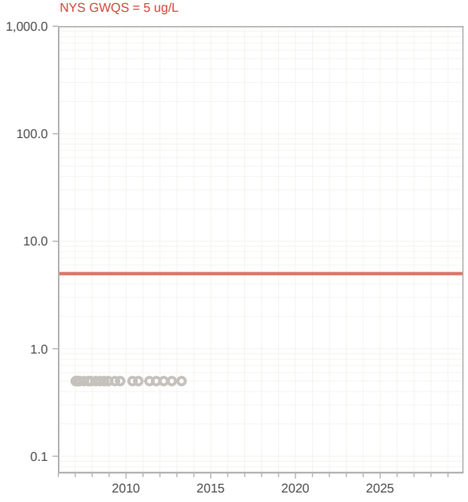
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Toluene (ug/L)



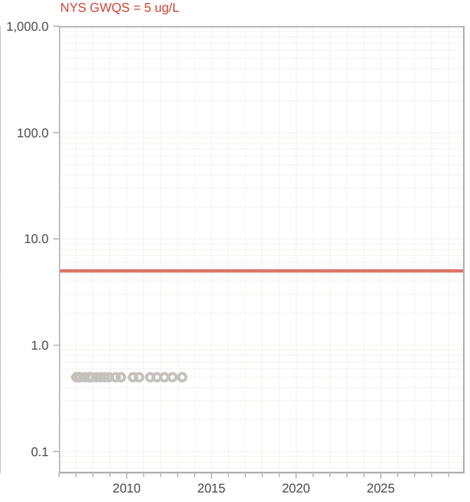
All | N = 19; ND = 1; %ND = 5.3; M−K = strong decreasing

Ethylbenzene (ug/L)



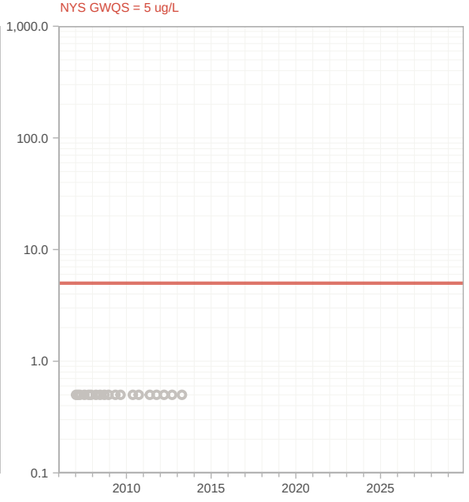
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



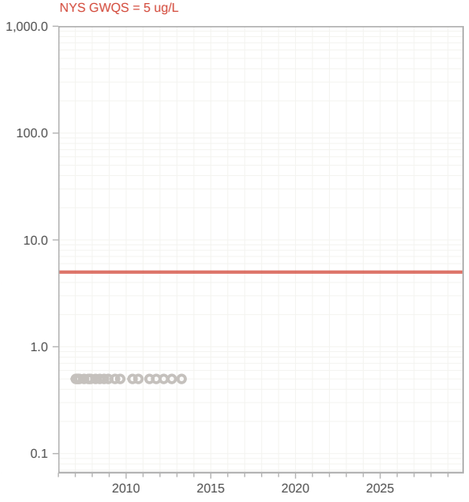
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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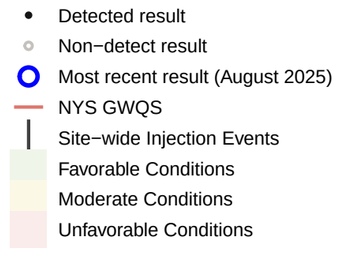
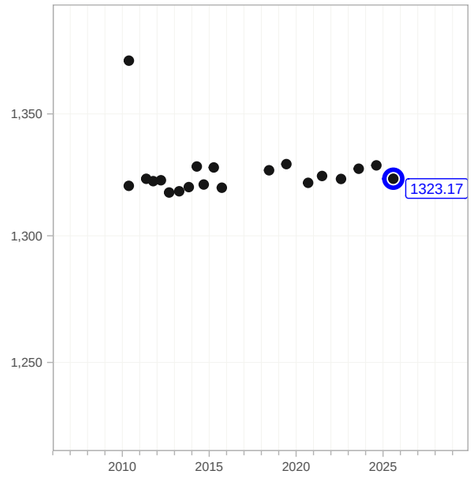


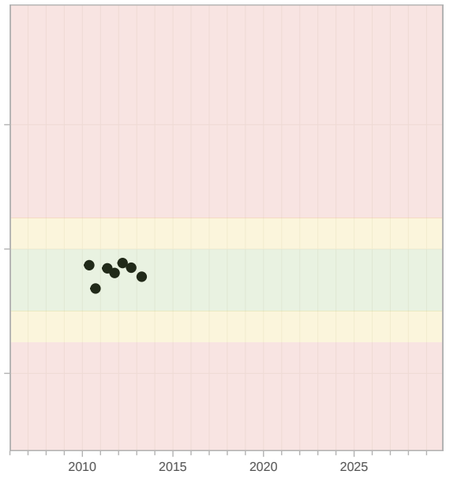
BP−13D PORT 3 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



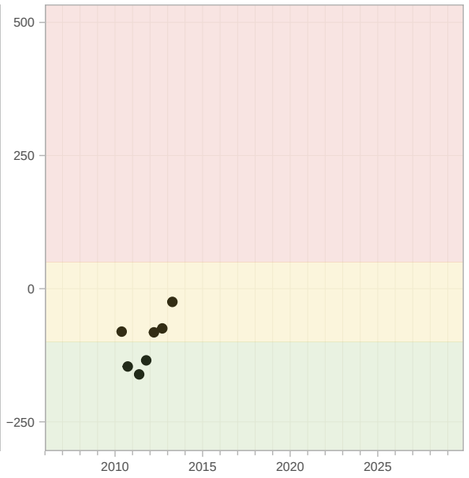
All | N = 20; ND = 0; %ND = 0; M−K = stable

pH (SU)



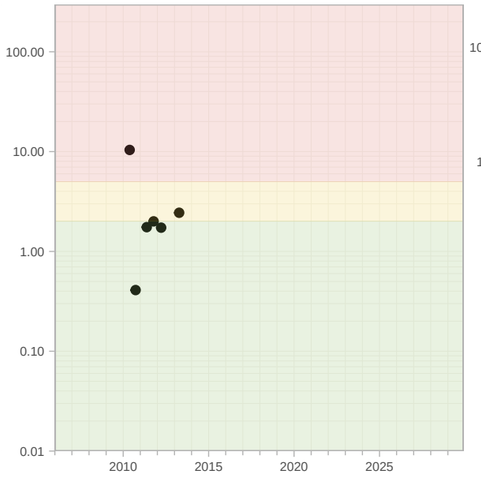
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Oxidation/Reduction Potential (mV)



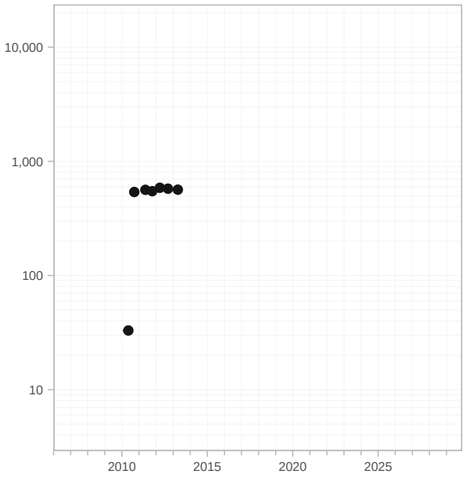
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



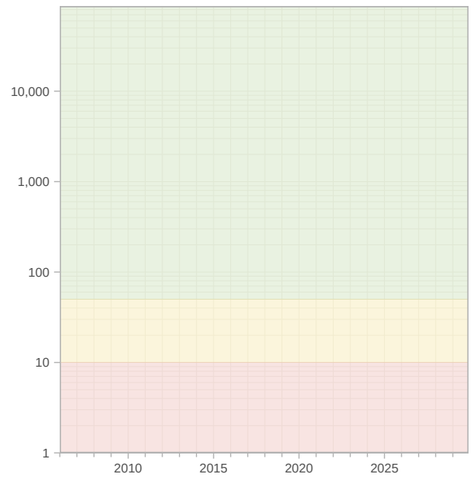
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



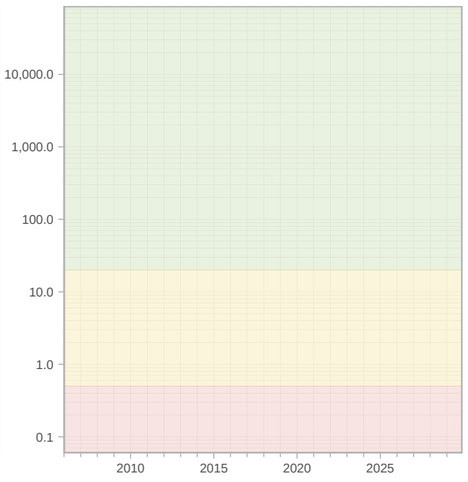
All | N = 7; ND = 0; %ND = 0; M−K = probably increasing

Sulfide



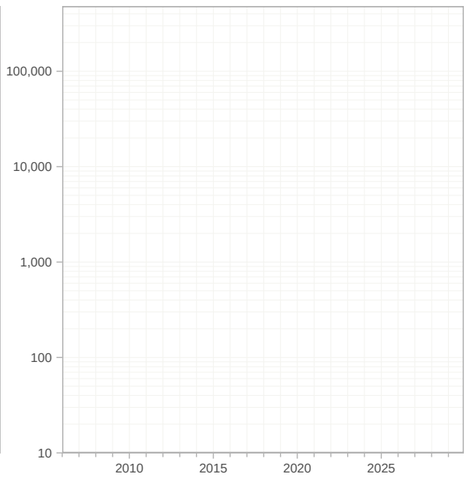
No Data

Methane



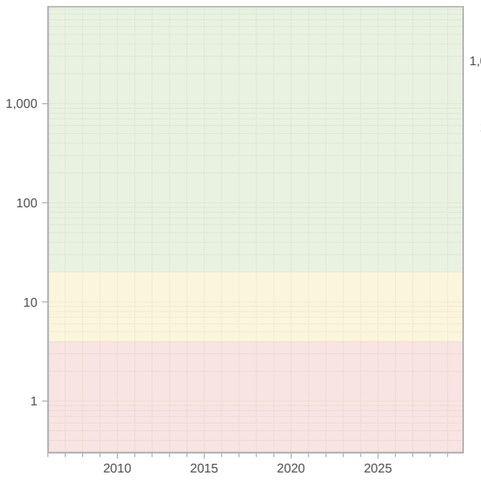
No Data

Iron − Ferrous



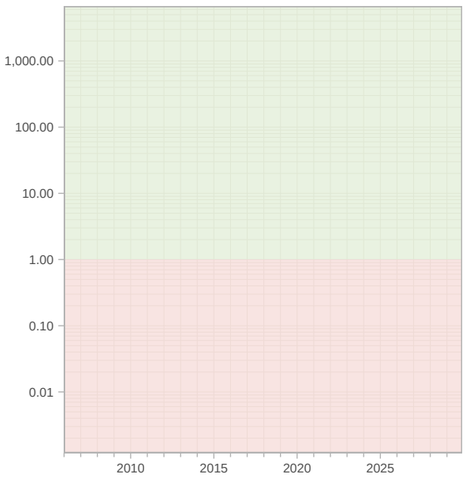
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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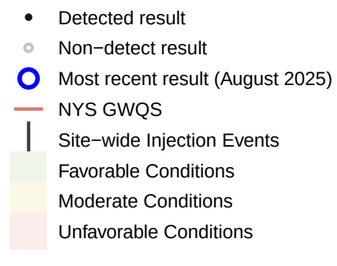
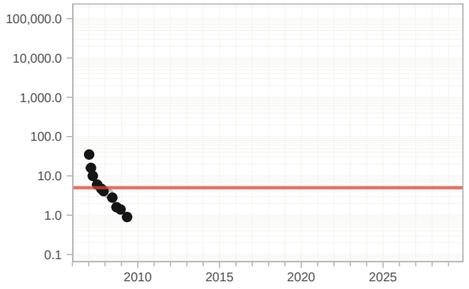


BP−13D PORT 4 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

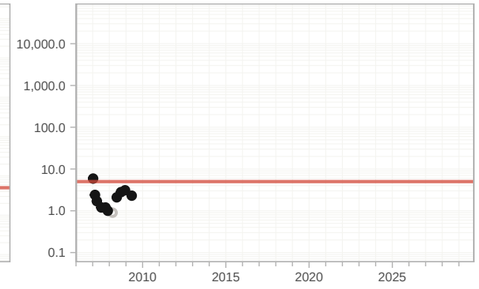
NYS GWQS = 5 ug/L



All | N = 11; ND = 1; %ND = 9.1; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

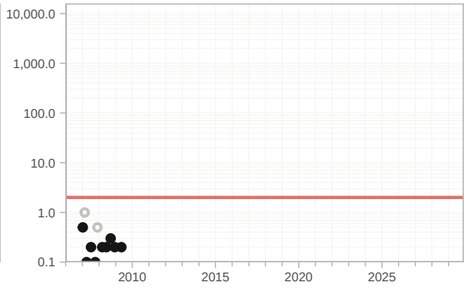
NYS GWQS = 5 ug/L



All | N = 11; ND = 1; %ND = 9.1; M−K = stable

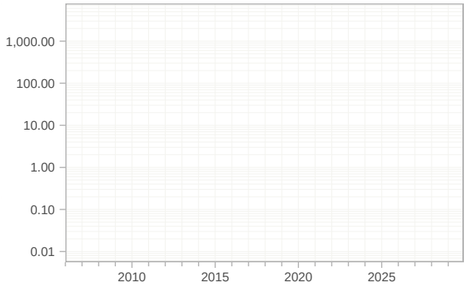
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



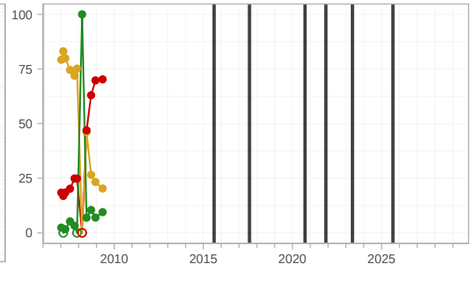
All | N = 11; ND = 2; %ND = 18.2; M−K = stable

Ethane + Ethene



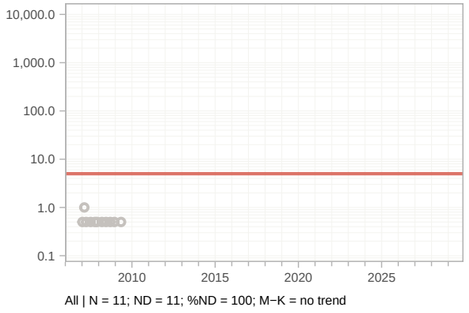
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

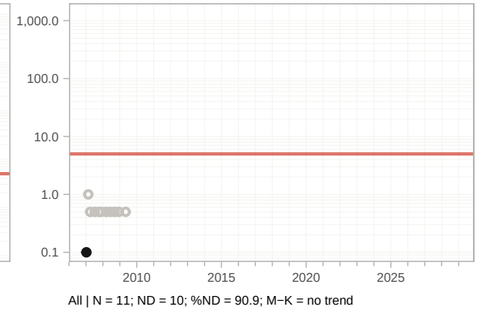
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

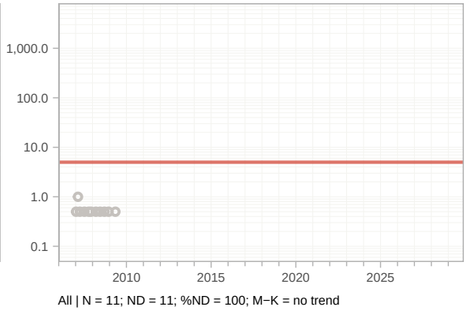
NYS GWQS = 5 ug/L



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

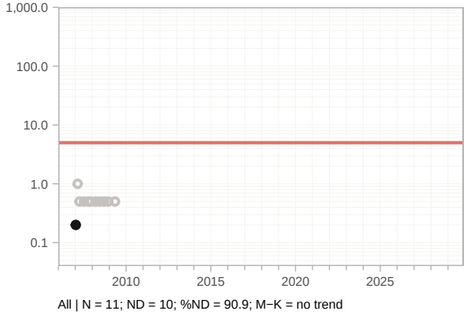
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

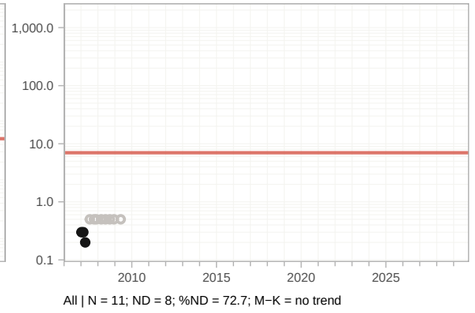
NYS GWQS = 5 ug/L



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

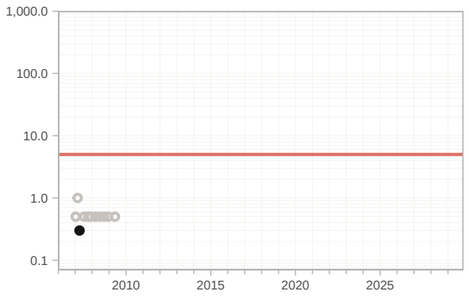
NYS GWQS = 7 ug/L



All | N = 11; ND = 8; %ND = 72.7; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

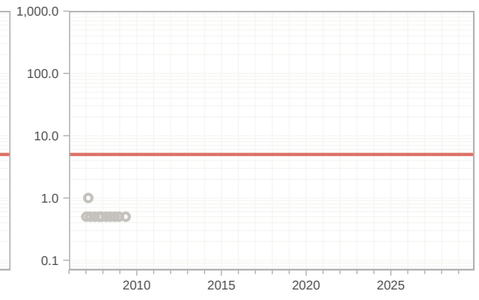
NYS GWQS = 5 ug/L



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Chloromethane (ug/L)

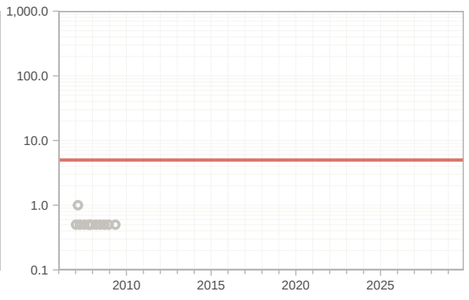
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

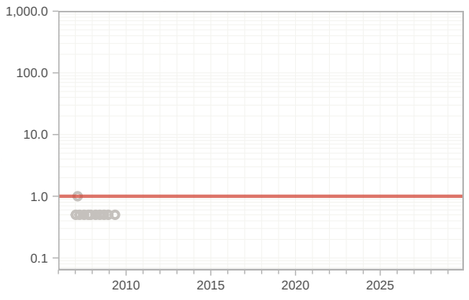
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

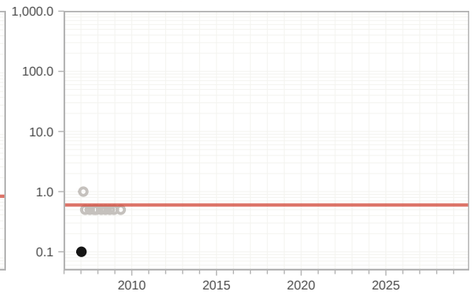
NYS GWQS = 1 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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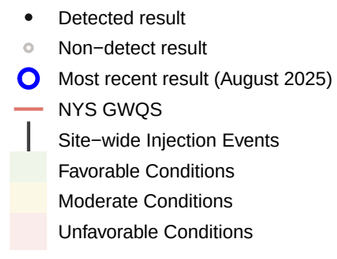
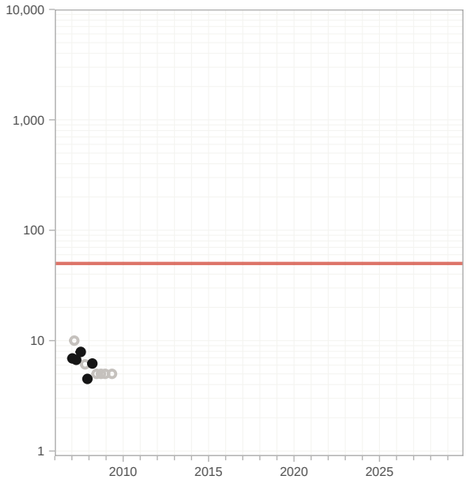
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



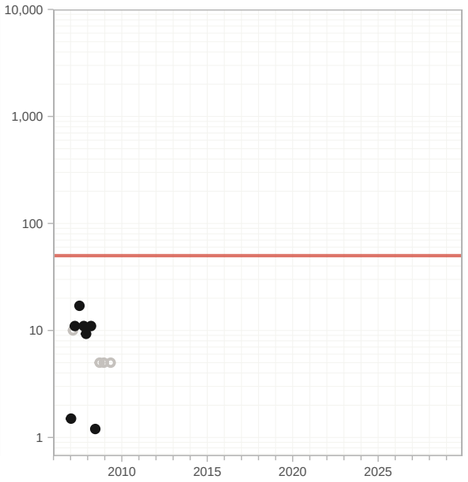
BP−13D PORT 4 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



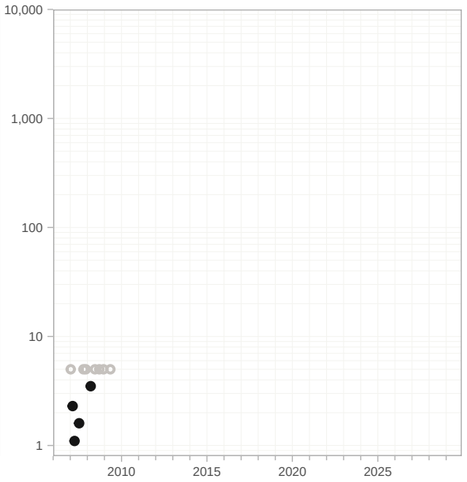
All | N = 11; ND = 6; %ND = 54.5; M−K = probably decreasing

Butanone (2−) (MEK) (ug/L)



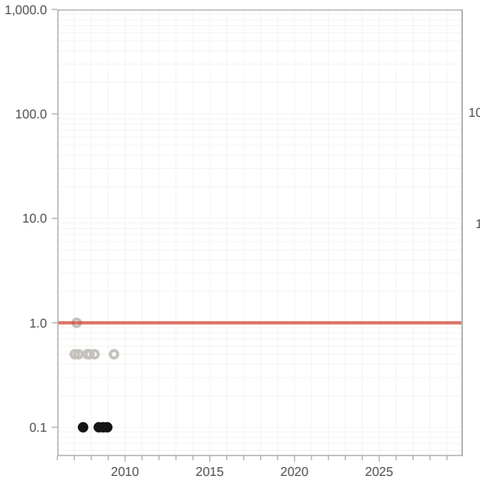
All | N = 11; ND = 4; %ND = 36.4; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



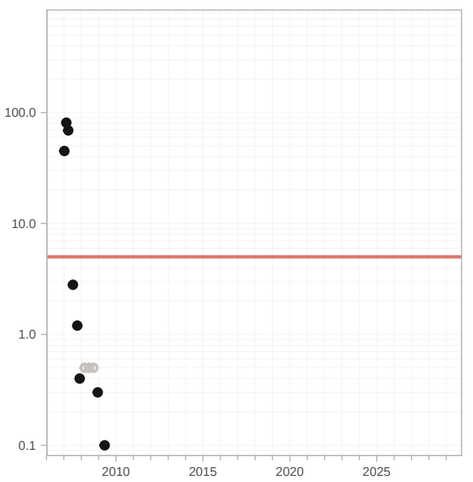
All | N = 11; ND = 7; %ND = 63.6; M−K = stable

Benzene (ug/L)



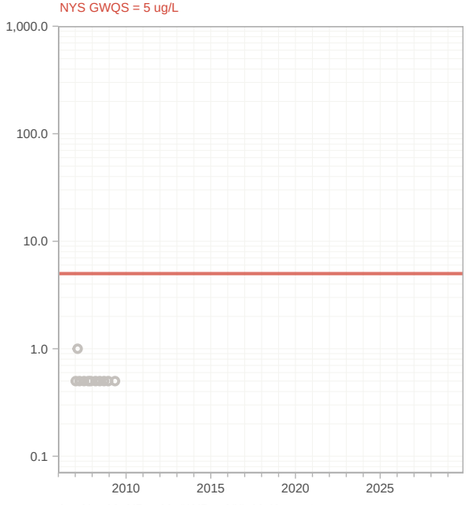
All | N = 11; ND = 7; %ND = 63.6; M−K = stable

Toluene (ug/L)



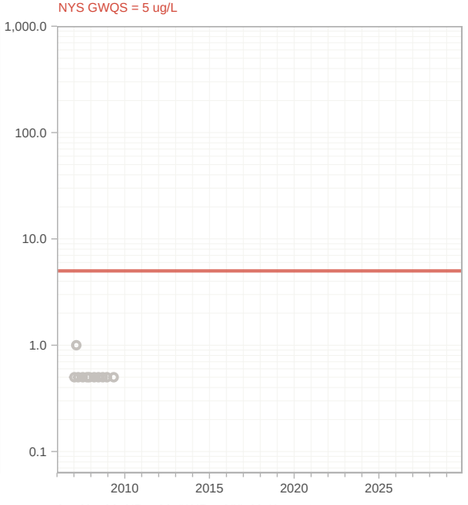
All | N = 11; ND = 3; %ND = 27.3; M−K = strong decreasing

Ethylbenzene (ug/L)



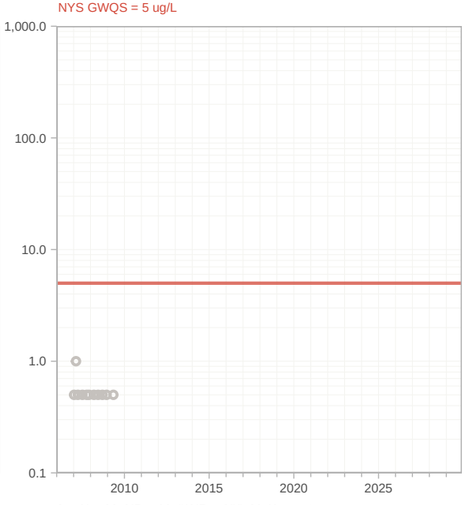
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



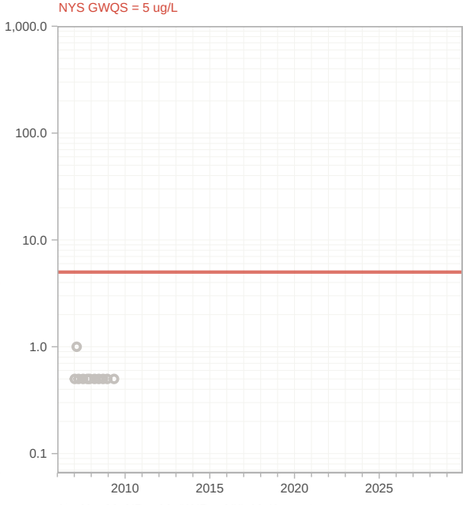
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Notes:
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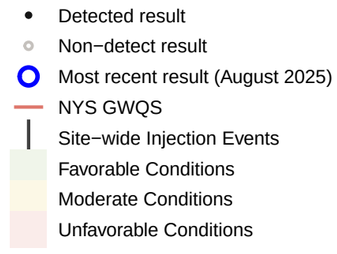
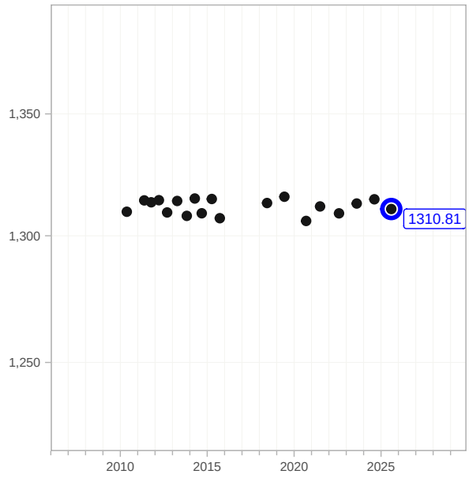


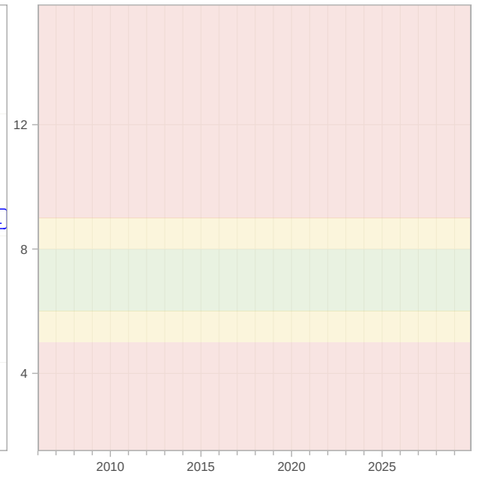
BP−13D PORT 4 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



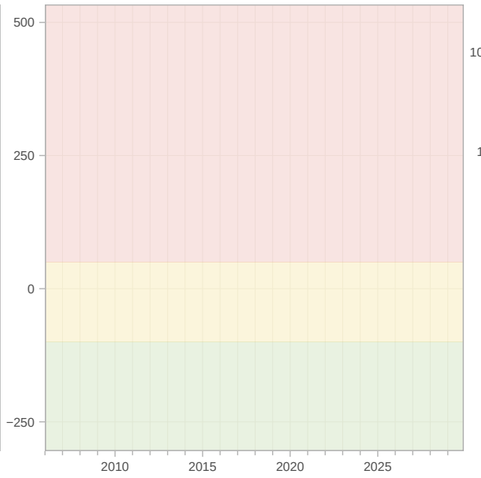
All | N = 19; ND = 0; %ND = 0; M−K = stable

pH



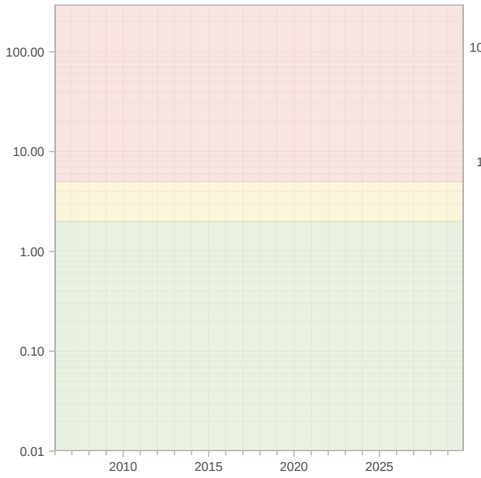
No Data

Oxidation/Reduction Potential



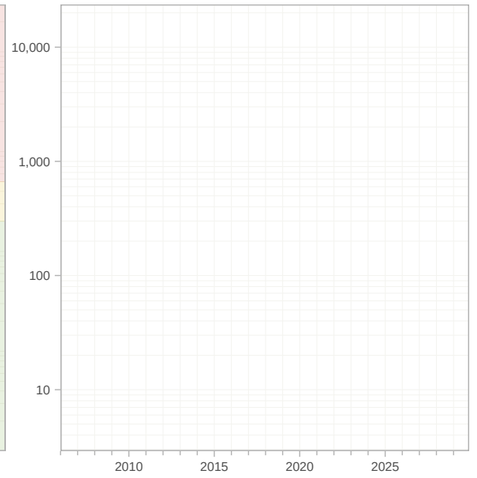
No Data

Dissolved Oxygen



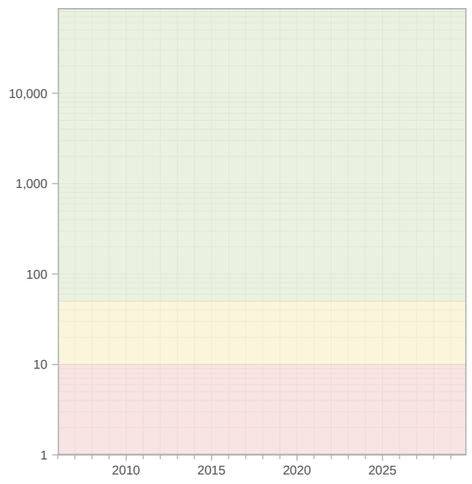
No Data

Specific Conductance



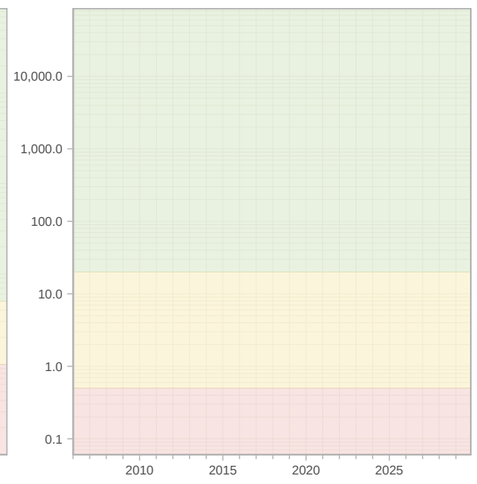
No Data

Sulfide



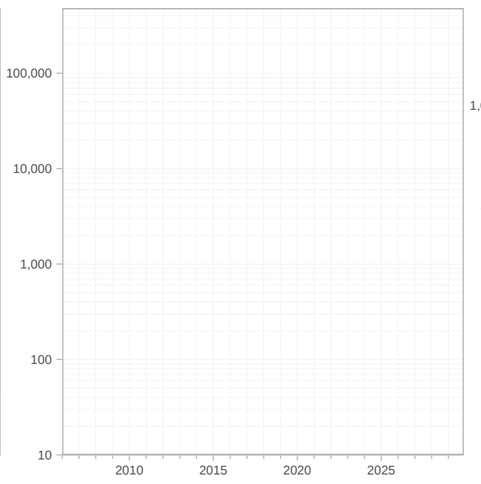
No Data

Methane



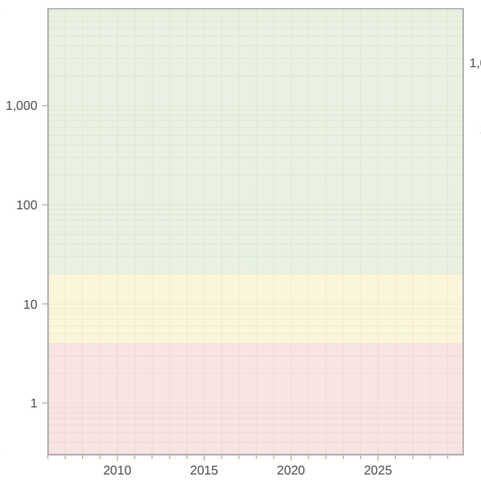
No Data

Iron − Ferrous



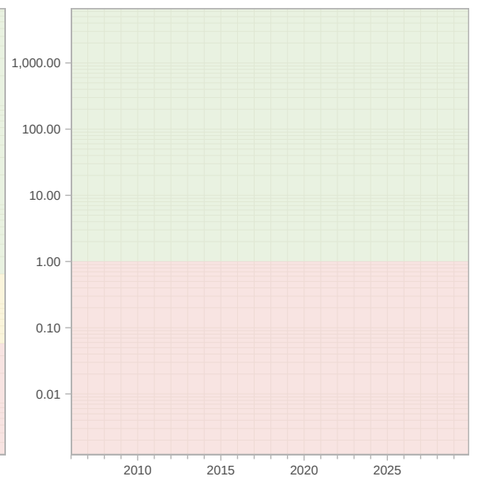
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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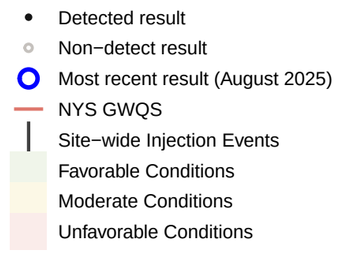
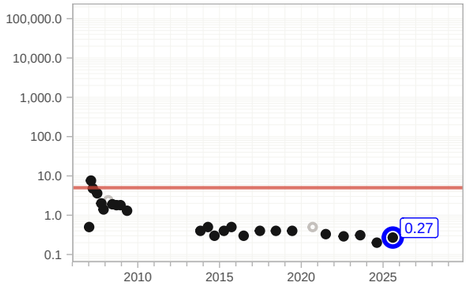


BP−13D PORT 5 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

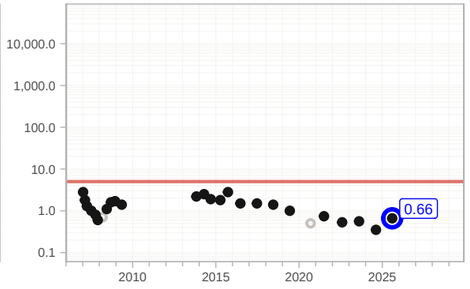
NYS GWQS = 5 ug/L



All | N = 26; ND = 2; %ND = 7.7; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

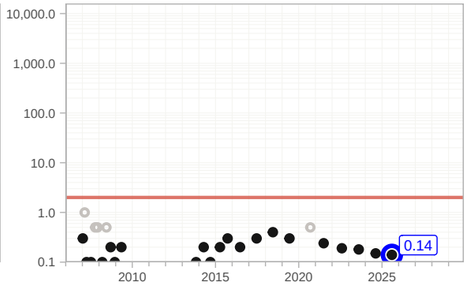
NYS GWQS = 5 ug/L



All | N = 26; ND = 2; %ND = 7.7; M−K = decreasing

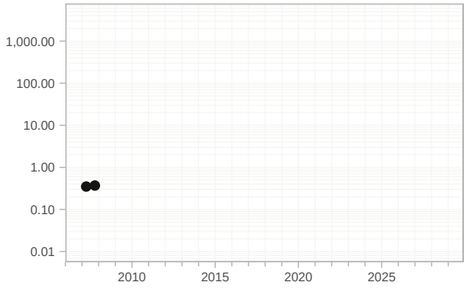
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



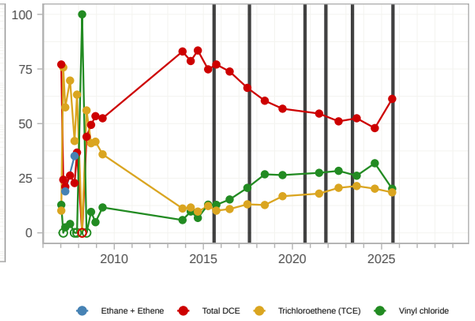
All | N = 26; ND = 5; %ND = 19.2; M−K = stable

Ethane + Ethene (ug/L)



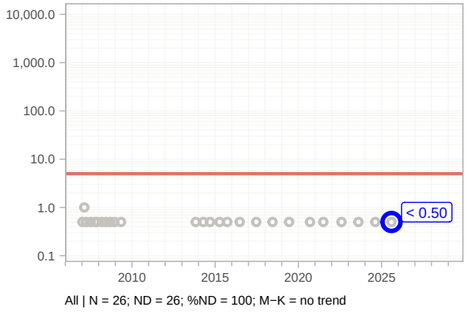
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

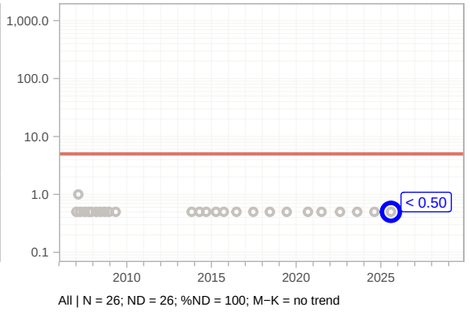
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

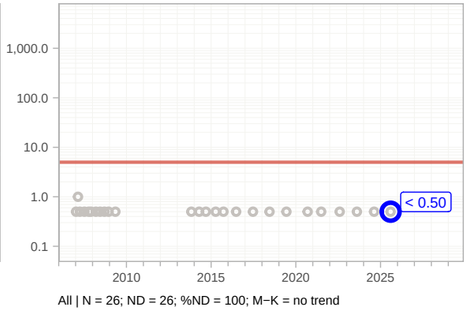
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

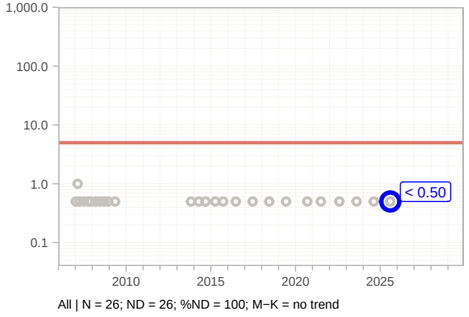
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

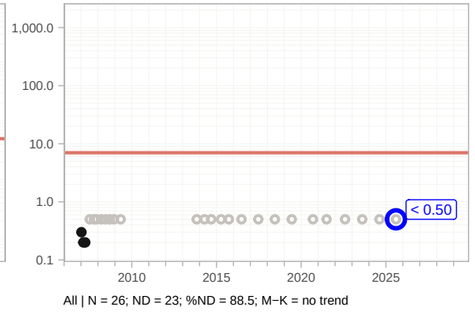
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

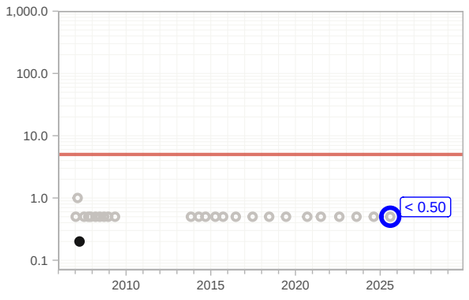
NYS GWQS = 7 ug/L



All | N = 26; ND = 23; %ND = 88.5; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

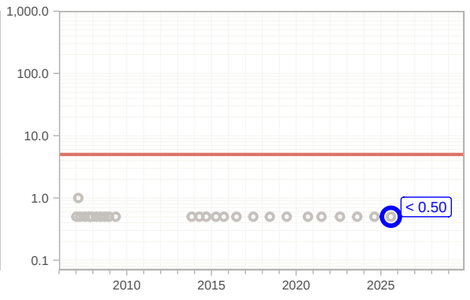
NYS GWQS = 5 ug/L



All | N = 26; ND = 25; %ND = 96.2; M−K = no trend

Chloromethane (ug/L)

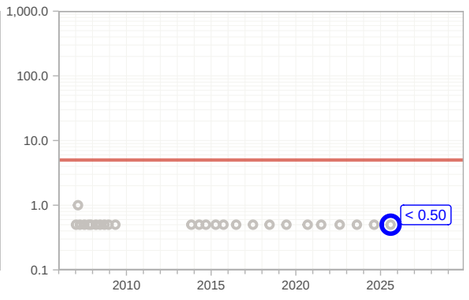
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

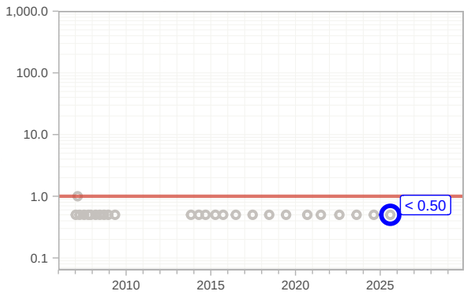
NYS GWQS = 5 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

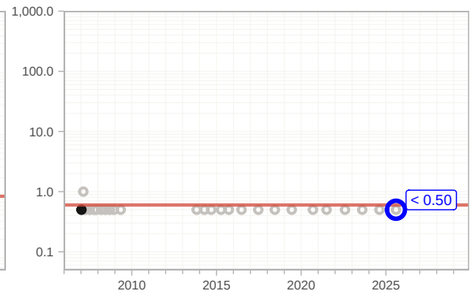
NYS GWQS = 1 ug/L



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 26; ND = 25; %ND = 96.2; M−K = no trend

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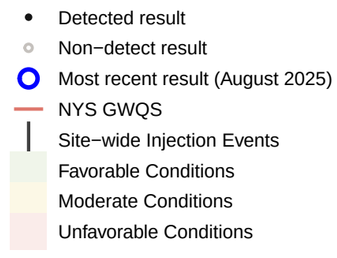
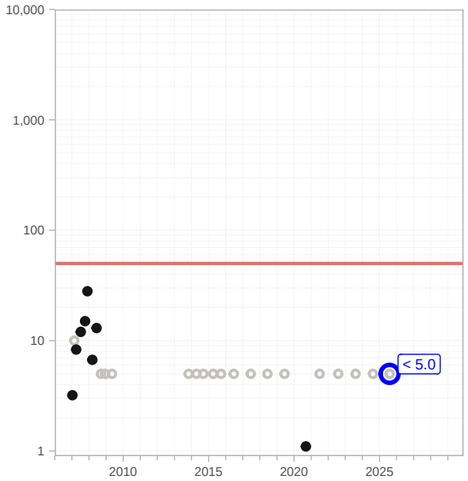


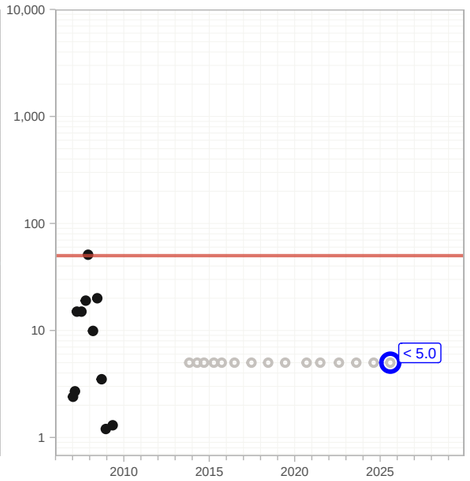
BP−13D PORT 5 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



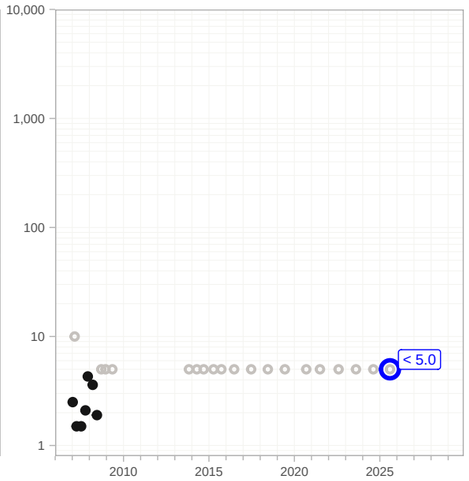
All | N = 26; ND = 18; %ND = 69.2; M−K = strong decreasing

Butanone (2−) (MEK) (ug/L)



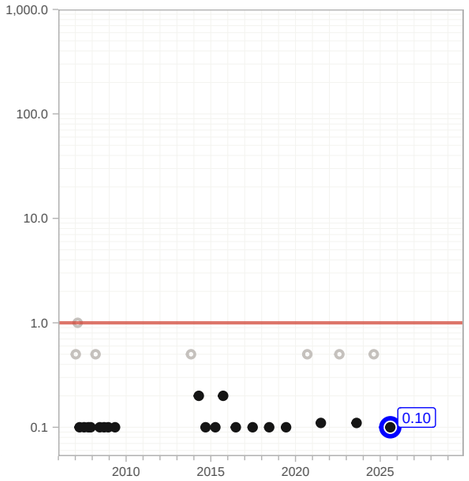
All | N = 26; ND = 15; %ND = 57.7; M−K = decreasing

Methyl−2−pentanone (4−) (MIBK) (ug/L)



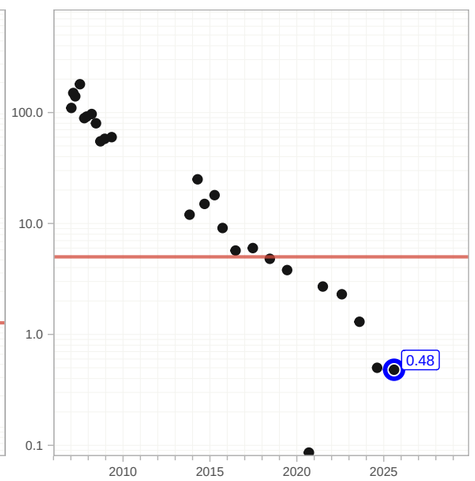
All | N = 26; ND = 19; %ND = 73.1; M−K = stable

Benzene (ug/L)



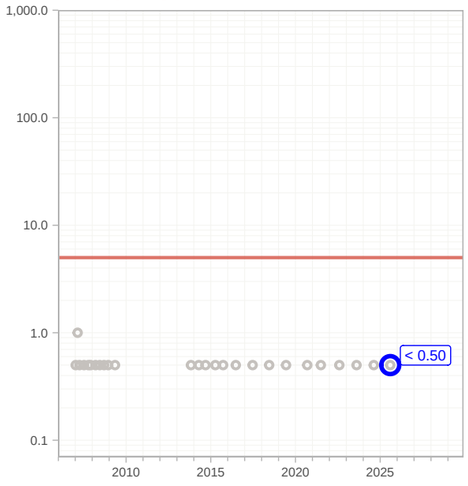
All | N = 26; ND = 7; %ND = 26.9; M−K = stable

Toluene (ug/L)



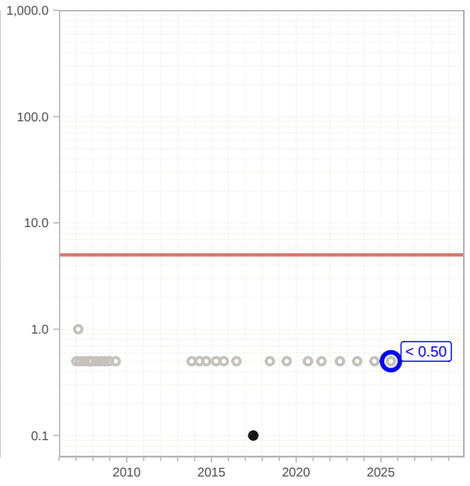
All | N = 26; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



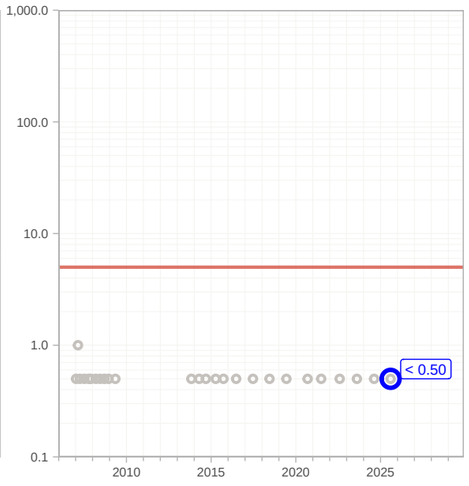
All | N = 26; ND = 26; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



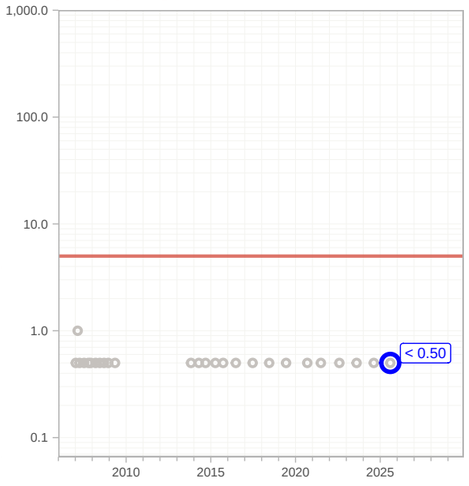
All | N = 26; ND = 25; %ND = 96.2; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 26; ND = 26; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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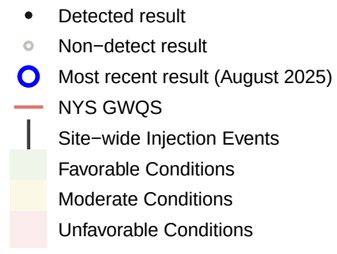
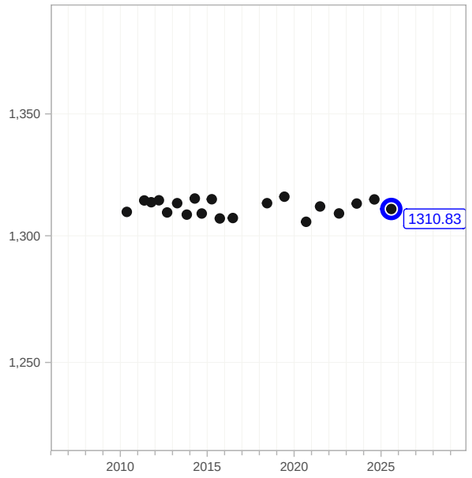


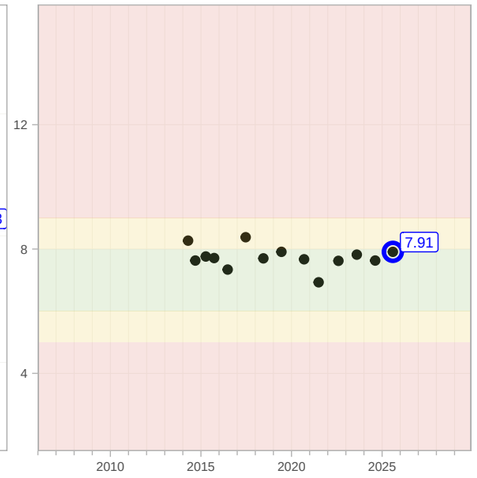
BP−13D PORT 5 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



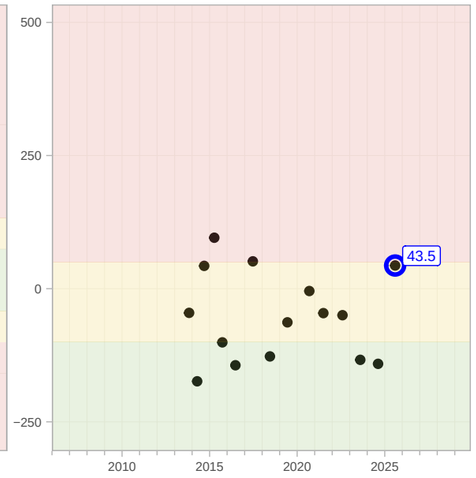
All | N = 20; ND = 0; %ND = 0; M−K = stable

pH (SU)



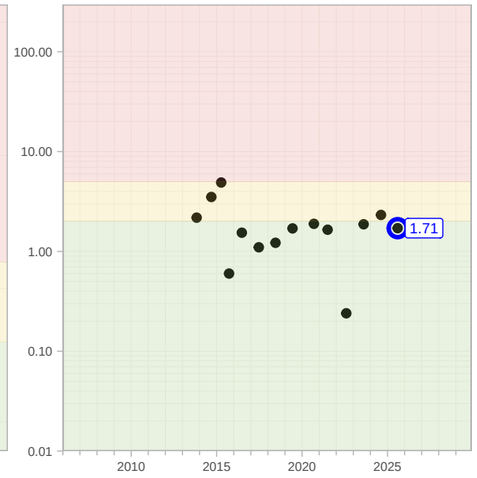
All | N = 14; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



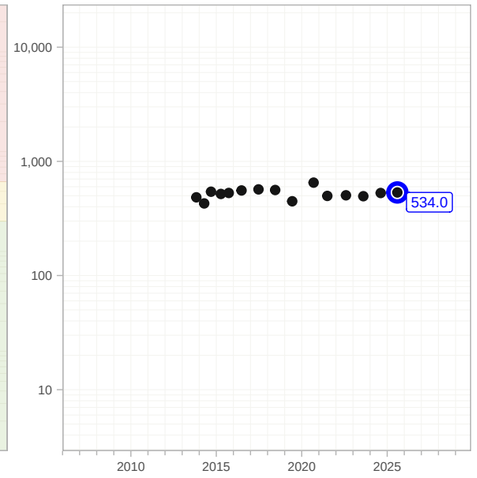
All | N = 15; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



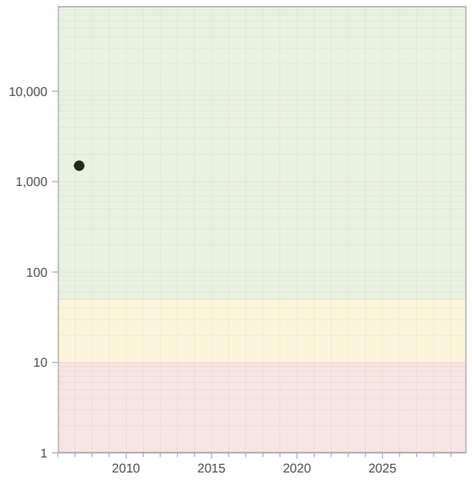
All | N = 14; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



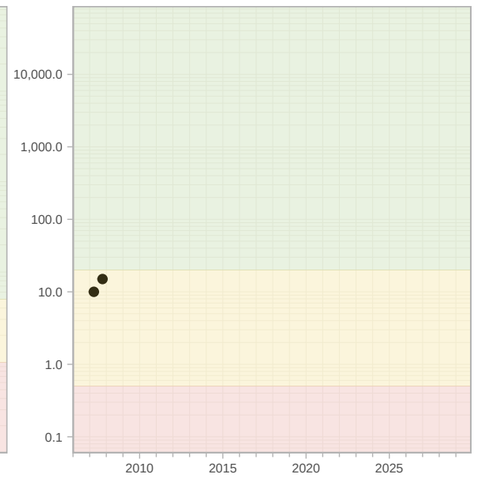
All | N = 15; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



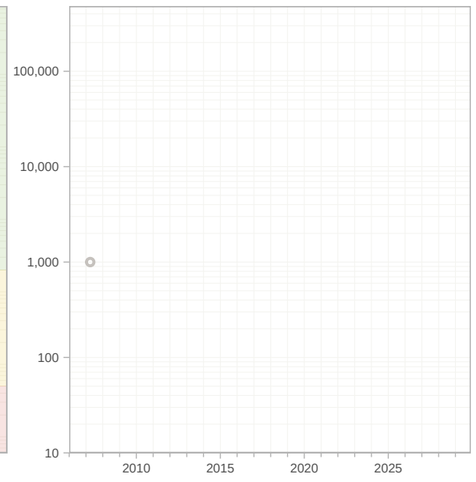
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



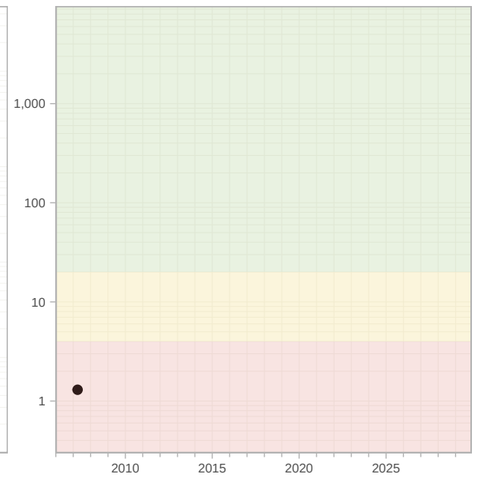
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



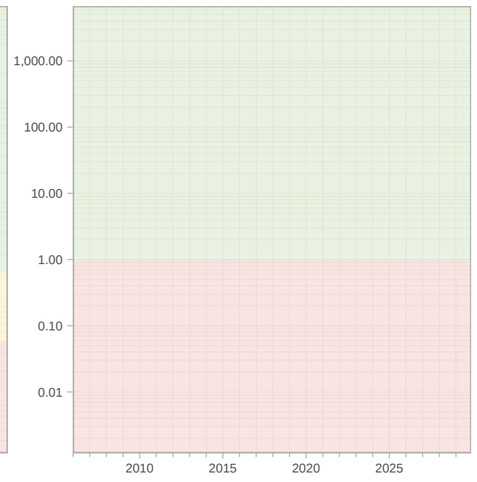
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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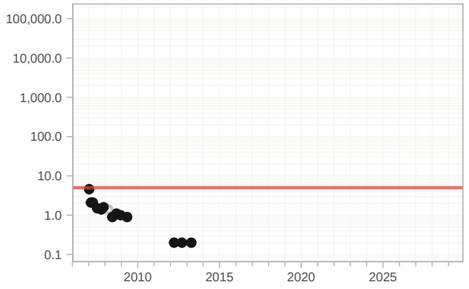
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−13D PORT 6 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

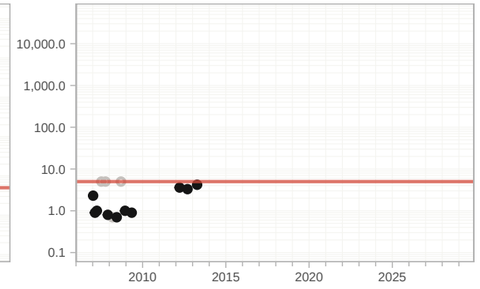
NYS GWQS = 5 ug/L



All | N = 14; ND = 1; %ND = 7.1; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

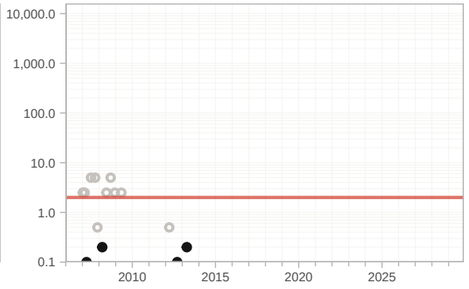
NYS GWQS = 5 ug/L



All | N = 14; ND = 4; %ND = 28.6; M−K = stable

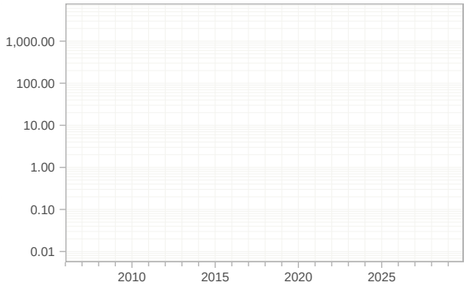
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



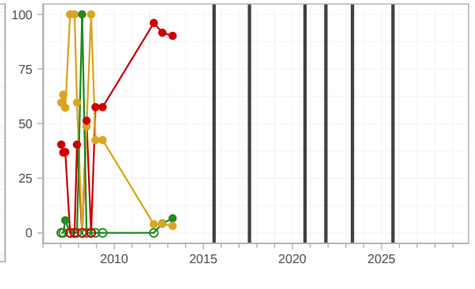
All | N = 14; ND = 10; %ND = 71.4; M−K = stable

Ethane + Ethene



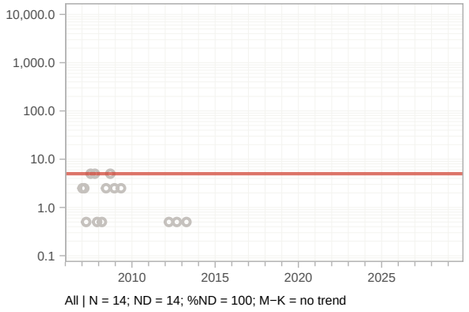
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

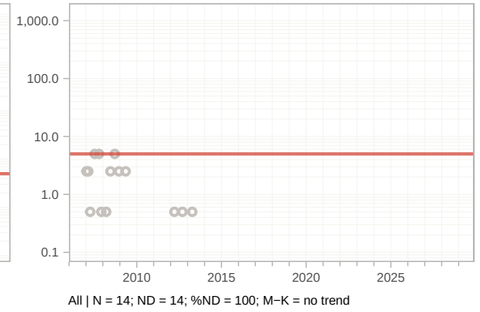
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

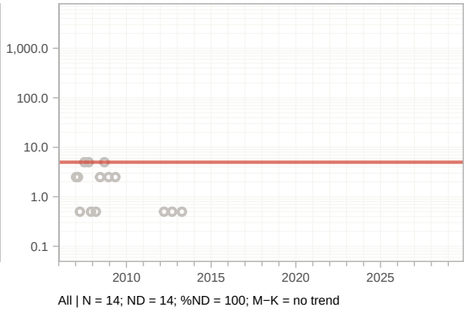
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

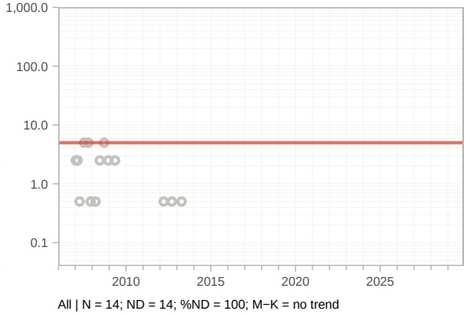
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

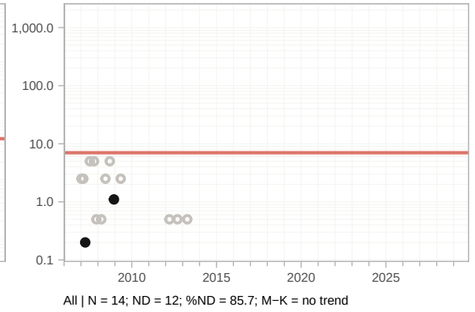
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

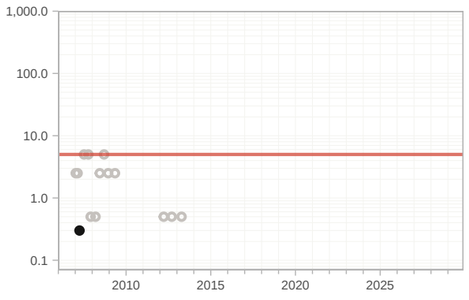
NYS GWQS = 7 ug/L



All | N = 14; ND = 12; %ND = 85.7; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

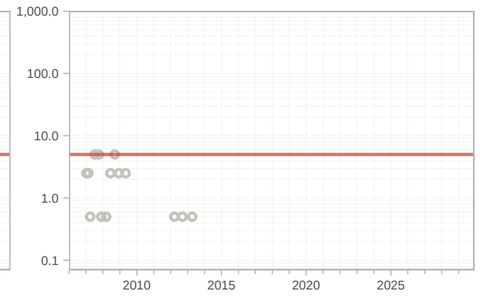
NYS GWQS = 5 ug/L



All | N = 14; ND = 13; %ND = 92.9; M−K = no trend

Chloromethane (ug/L)

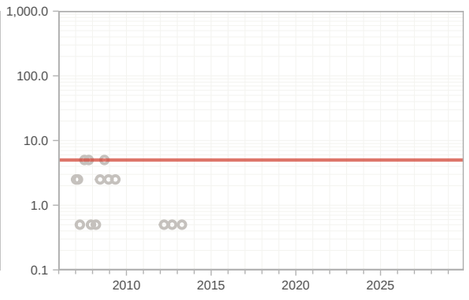
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

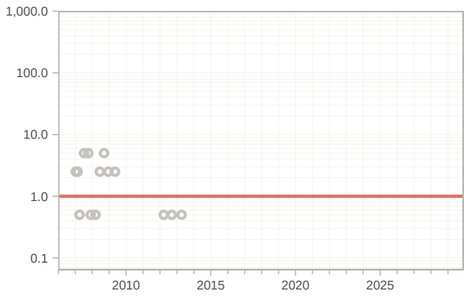
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

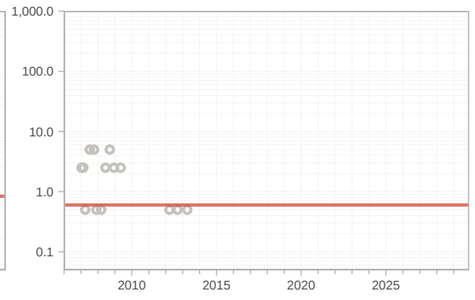
NYS GWQS = 1 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

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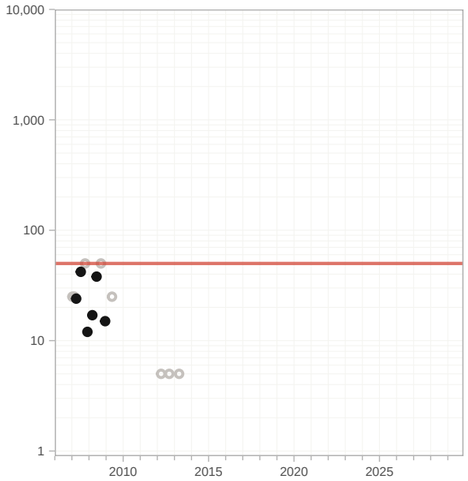
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

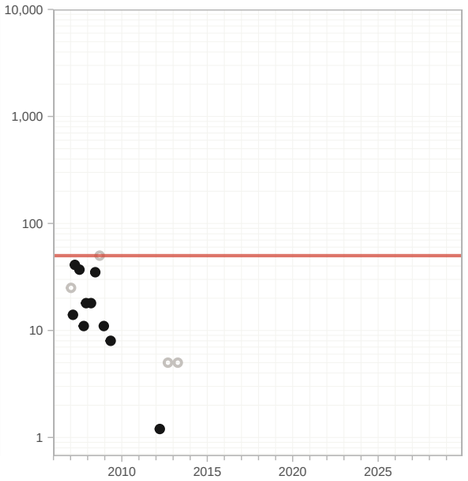
BP−13D PORT 6 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



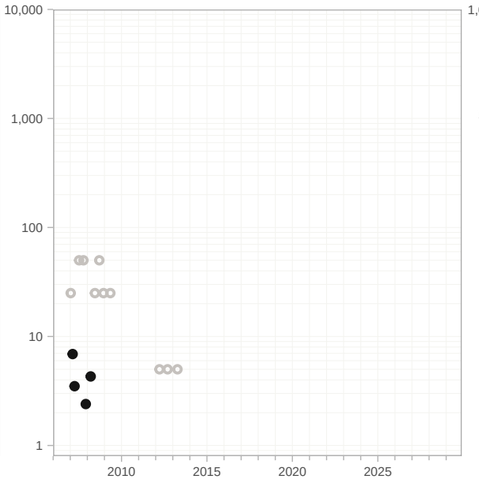
All | N = 14; ND = 8; %ND = 57.1; M−K = stable

Butanone (2−) (MEK) (ug/L)



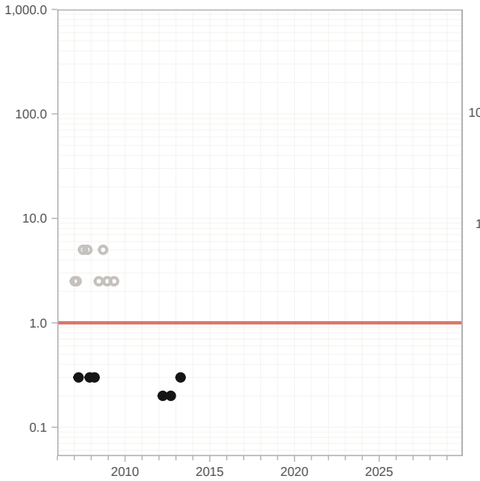
All | N = 14; ND = 4; %ND = 28.6; M−K = decreasing

Methyl−2−pentanone (4−) (MIBK) (ug/L)



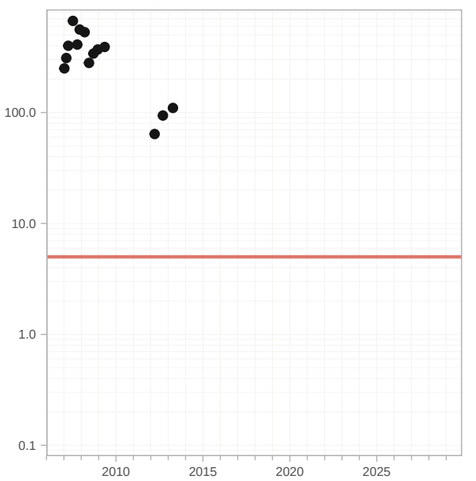
All | N = 14; ND = 10; %ND = 71.4; M−K = stable

Benzene (ug/L)



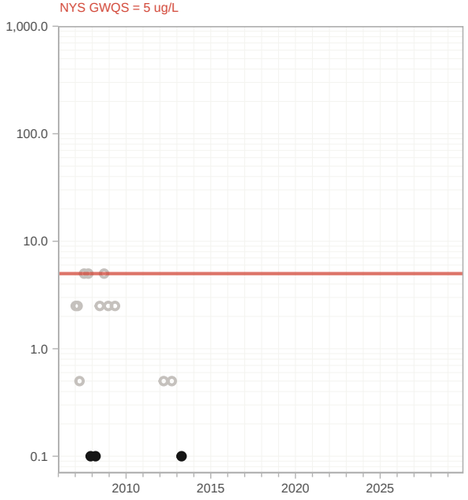
All | N = 14; ND = 8; %ND = 57.1; M−K = stable

Toluene (ug/L)



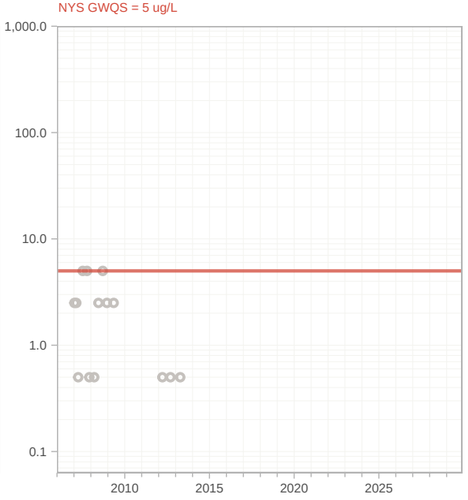
All | N = 14; ND = 0; %ND = 0; M−K = stable

Ethylbenzene (ug/L)



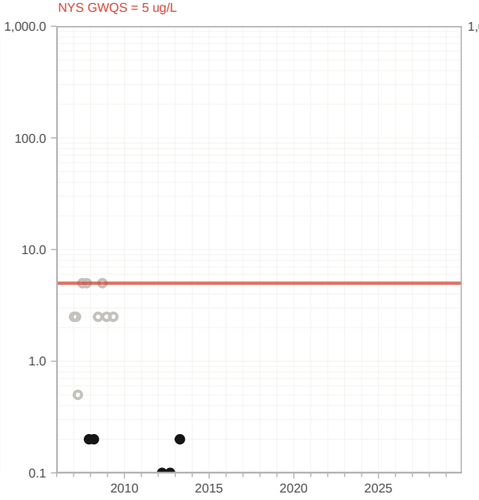
All | N = 14; ND = 11; %ND = 78.6; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



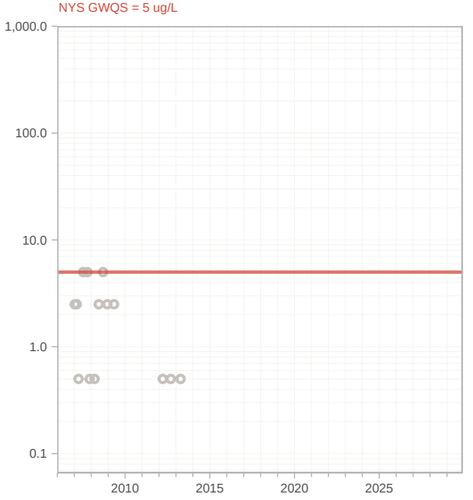
All | N = 14; ND = 14; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 14; ND = 9; %ND = 64.3; M−K = stable

Xylene (o−) (ug/L)



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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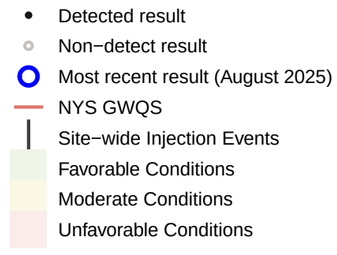
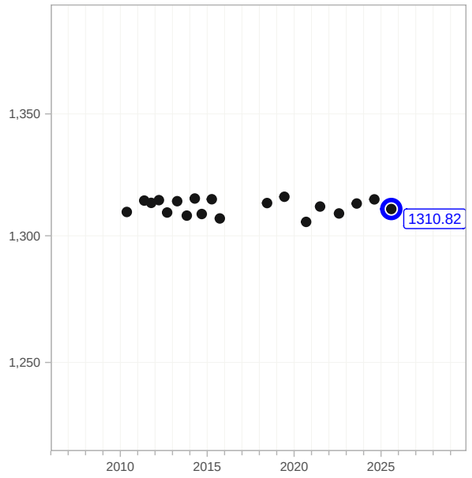


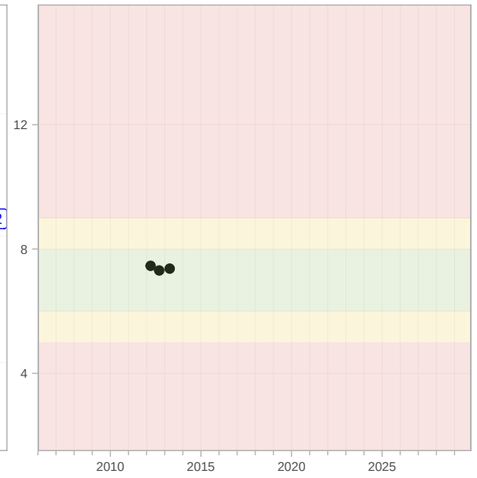
BP−13D PORT 6 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



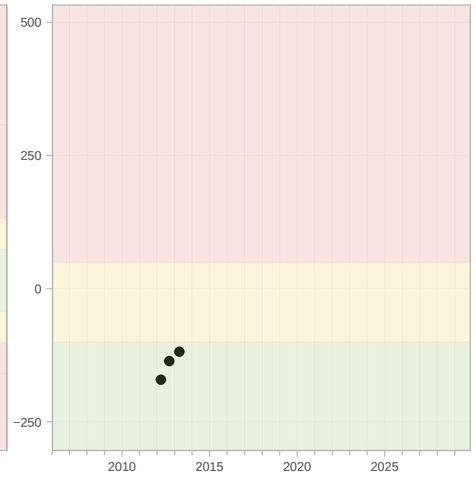
All | N = 19; ND = 0; %ND = 0; M−K = stable

pH (SU)



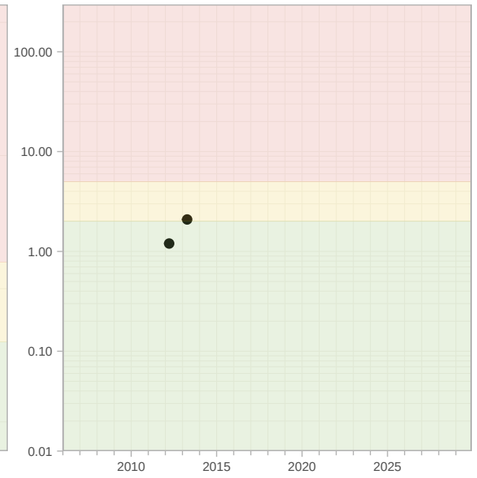
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



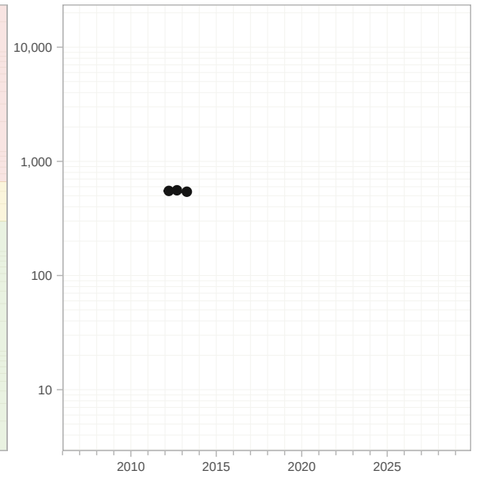
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



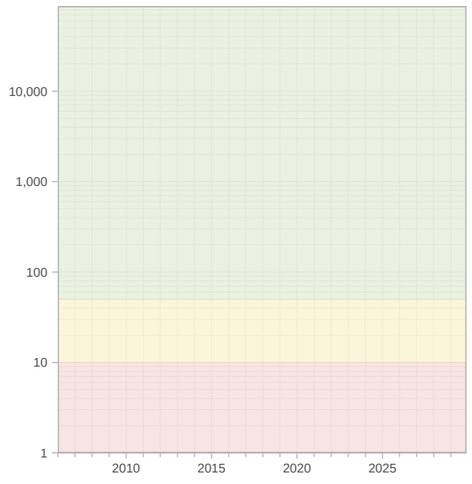
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



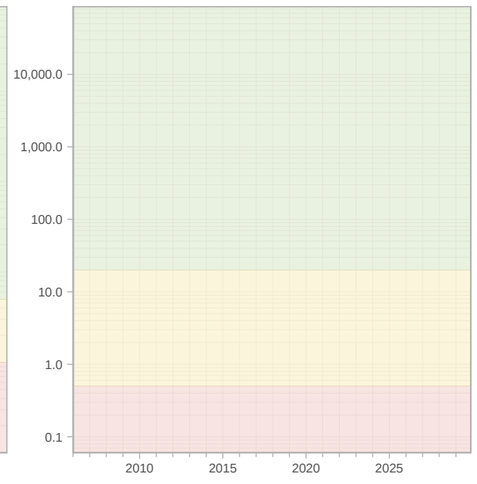
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



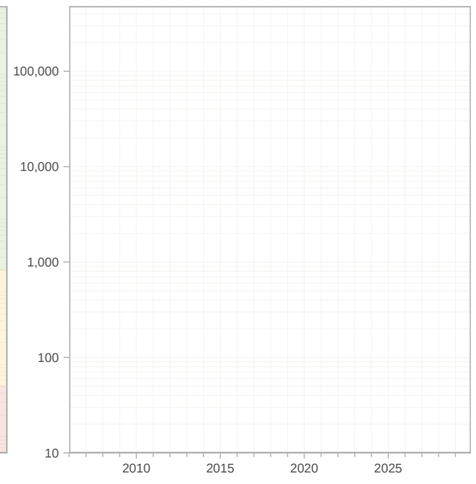
No Data

Methane



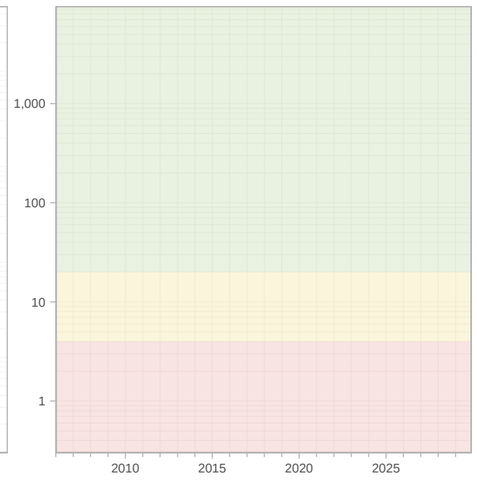
No Data

Iron − Ferrous



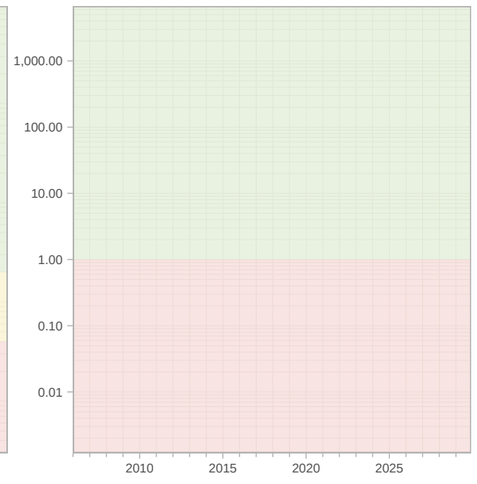
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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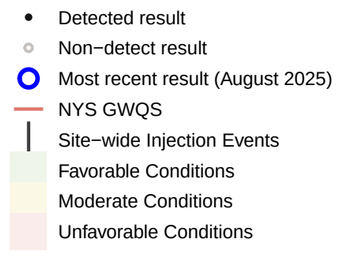
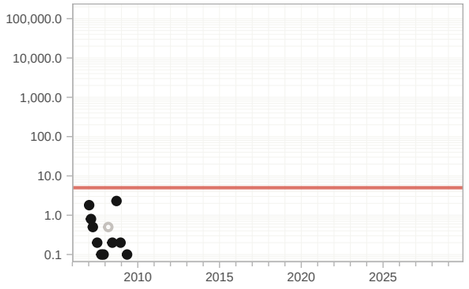


BP−13D PORT 7 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

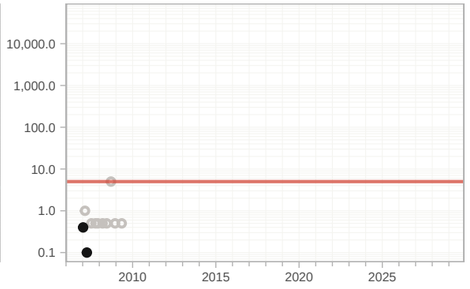
NYS GWQS = 5 ug/L



All | N = 11; ND = 1; %ND = 9.1; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

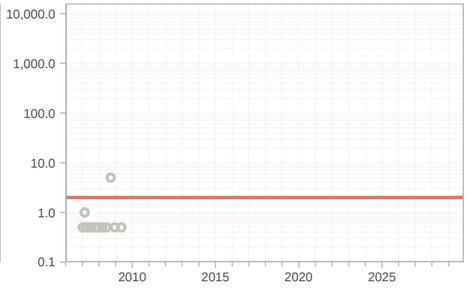
NYS GWQS = 5 ug/L



All | N = 11; ND = 9; %ND = 81.8; M−K = no trend

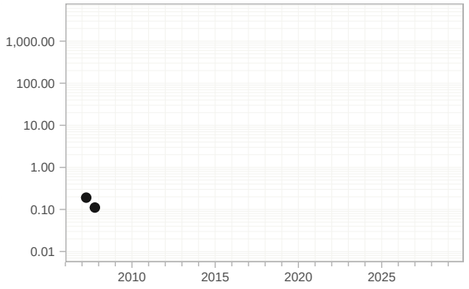
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



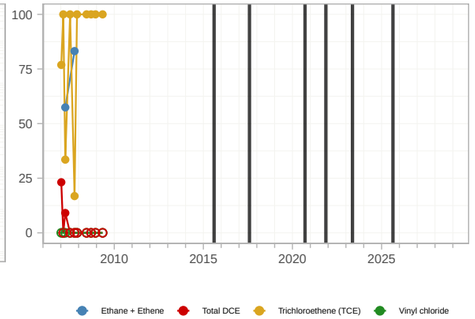
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



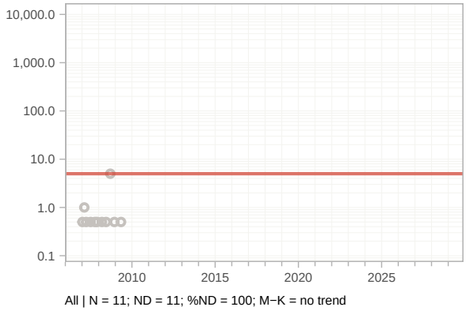
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

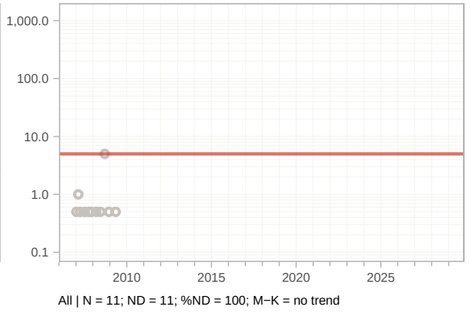
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

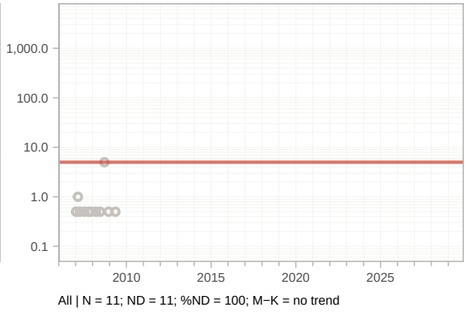
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

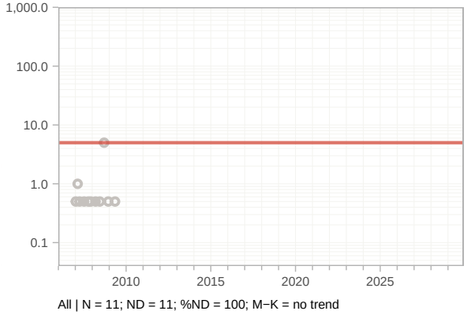
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

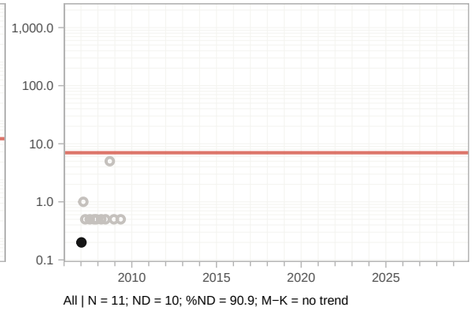
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

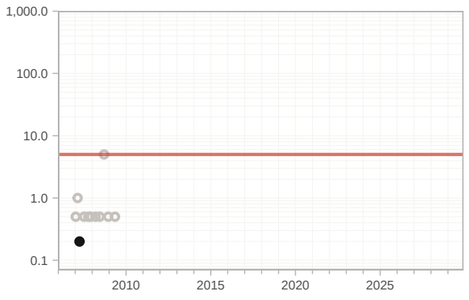
NYS GWQS = 7 ug/L



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

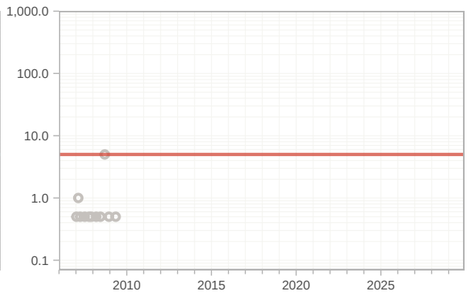
NYS GWQS = 5 ug/L



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Chloromethane (ug/L)

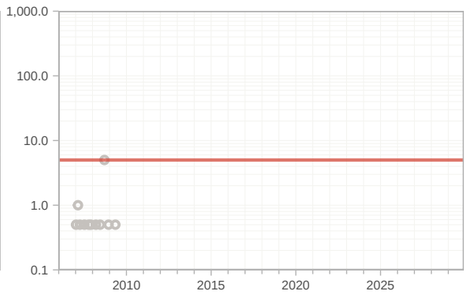
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

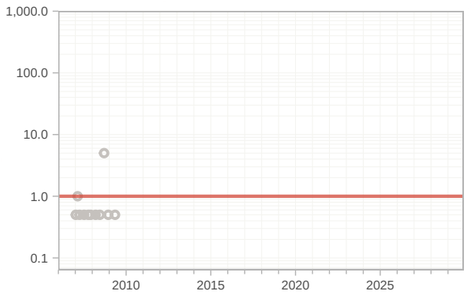
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

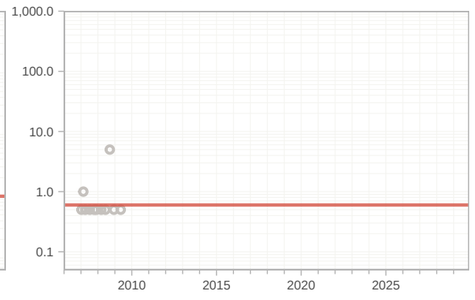
NYS GWQS = 1 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Notes:
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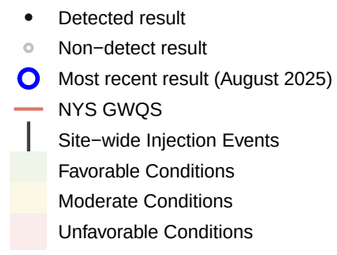
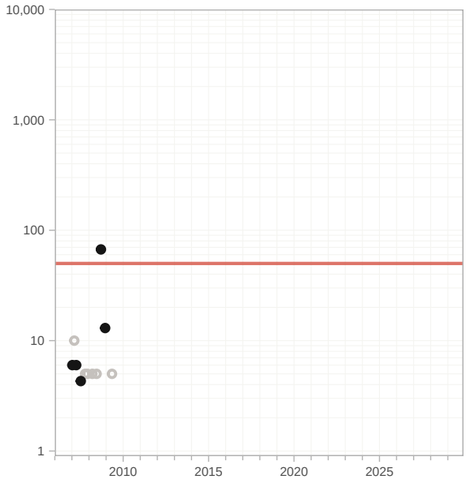


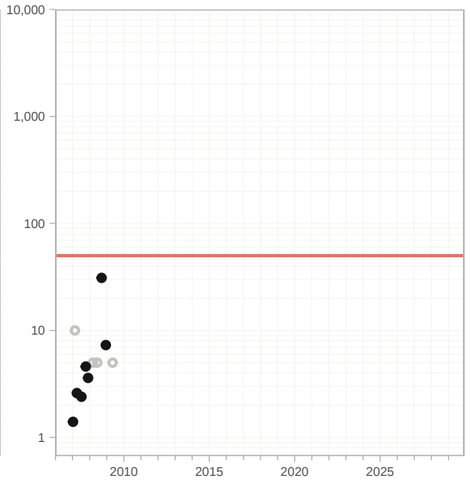
BP−13D PORT 7 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



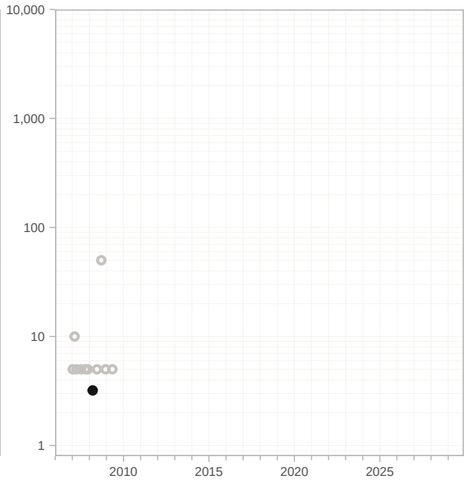
All | N = 11; ND = 6; %ND = 54.5; M−K = no trend

Butanone (2−) (MEK) (ug/L)



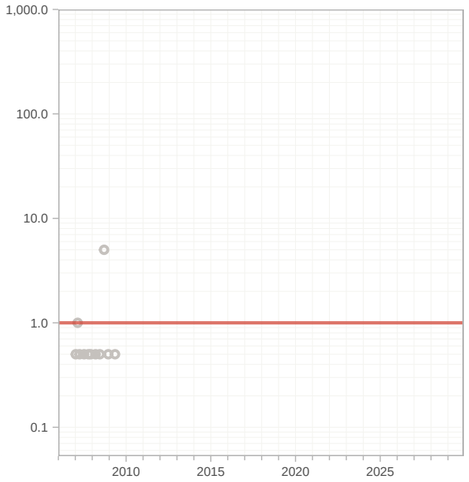
All | N = 11; ND = 4; %ND = 36.4; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



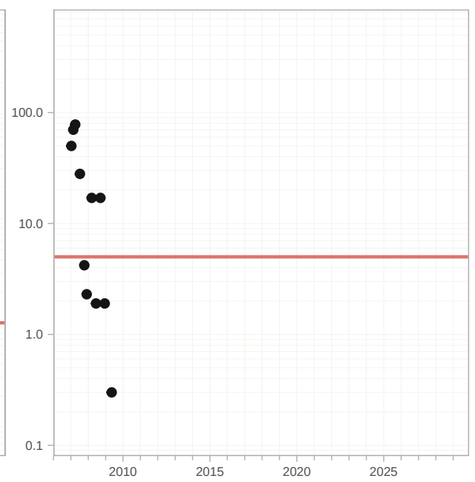
All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Benzene (ug/L)



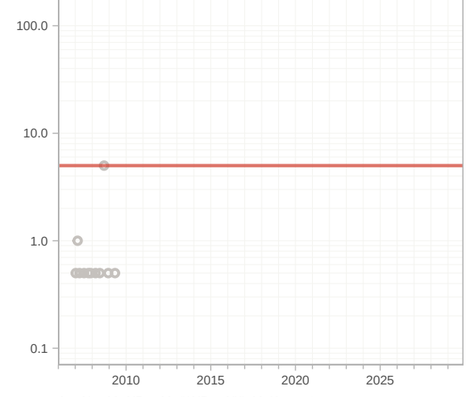
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Toluene (ug/L)



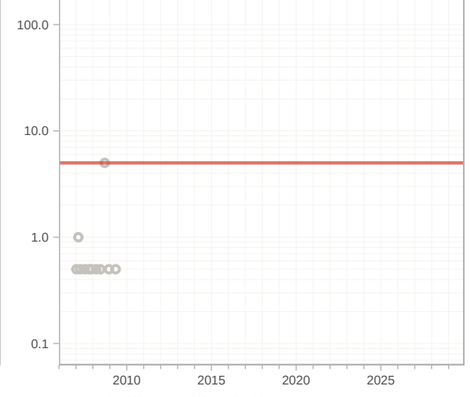
All | N = 11; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



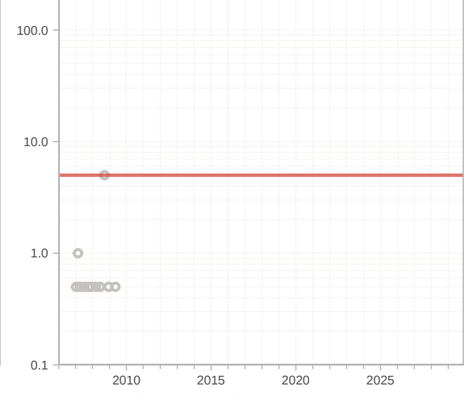
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



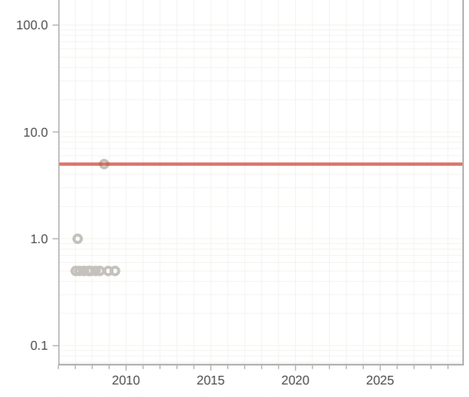
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Notes:
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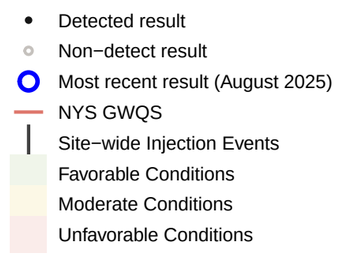
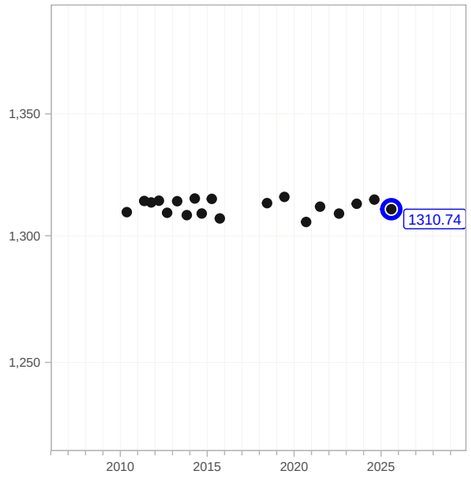


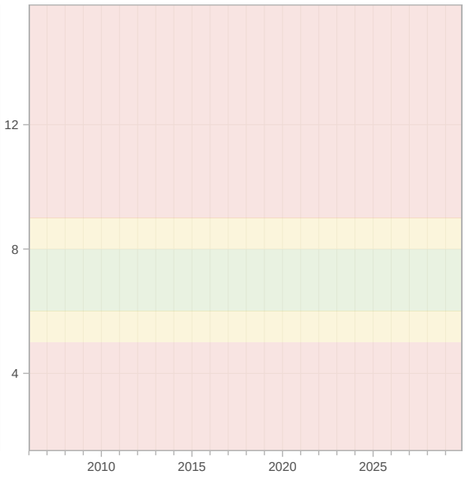
BP−13D PORT 7 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



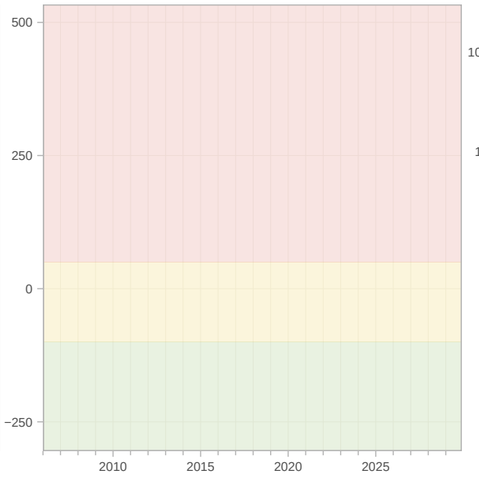
All | N = 19; ND = 0; %ND = 0; M−K = stable

pH



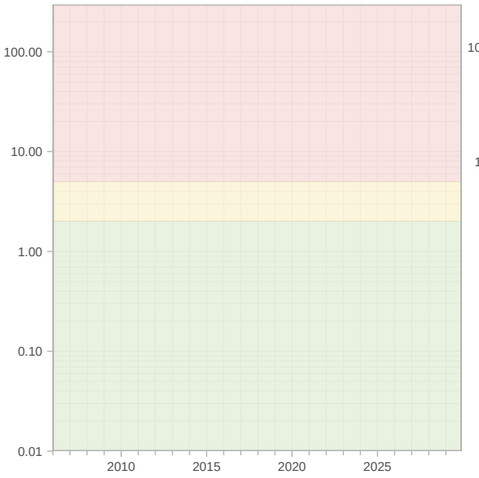
No Data

Oxidation/Reduction Potential



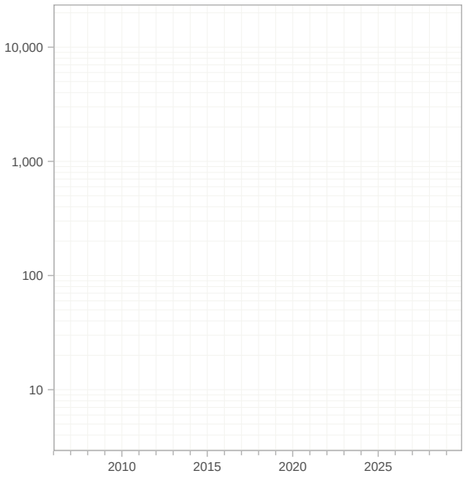
No Data

Dissolved Oxygen



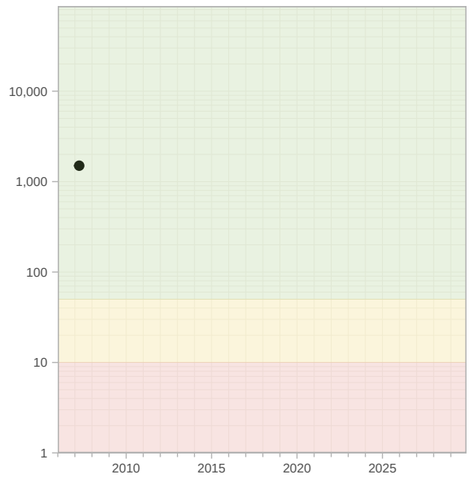
No Data

Specific Conductance



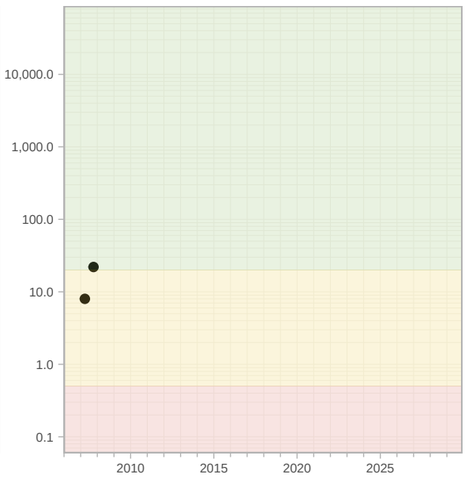
No Data

Sulfide (ug/L)



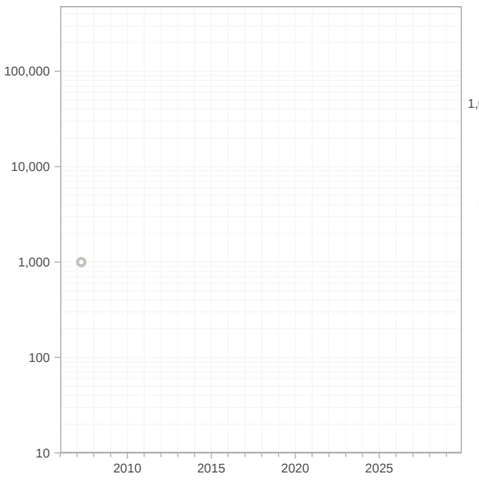
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



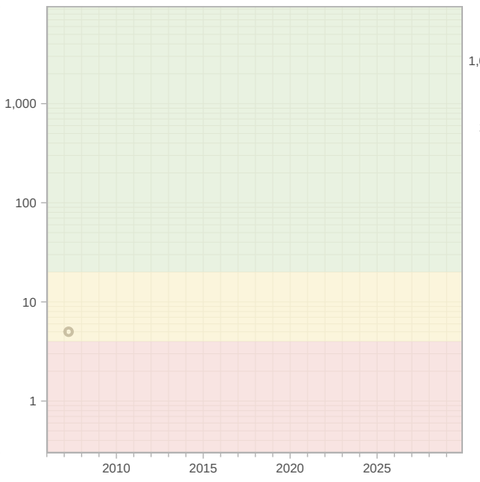
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



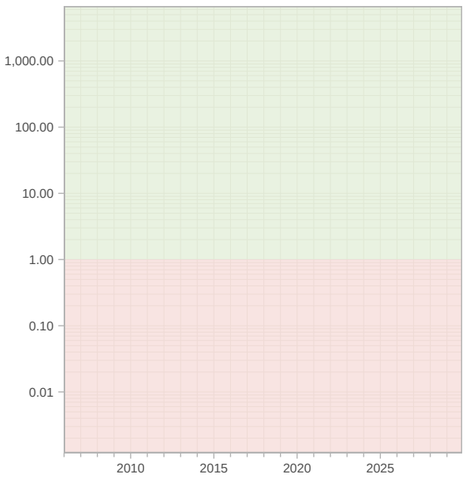
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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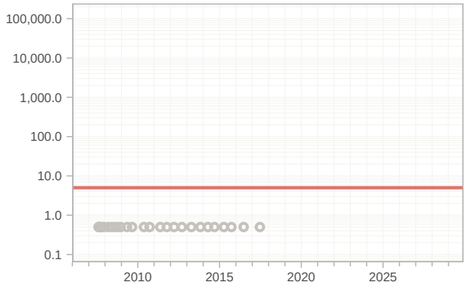
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−14D PORT 1 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

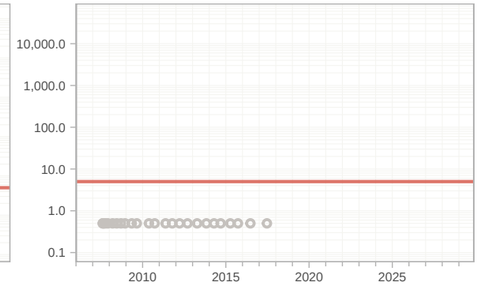
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

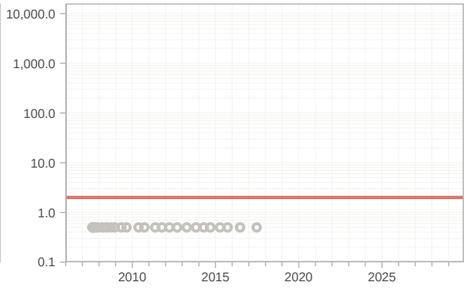
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

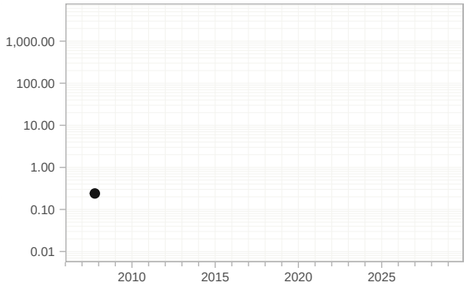
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



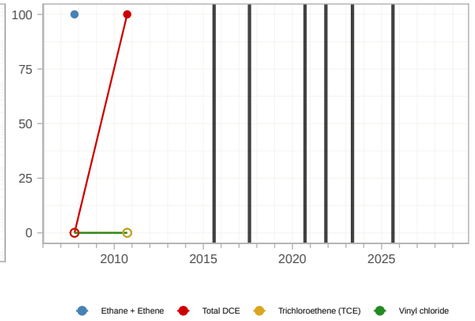
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



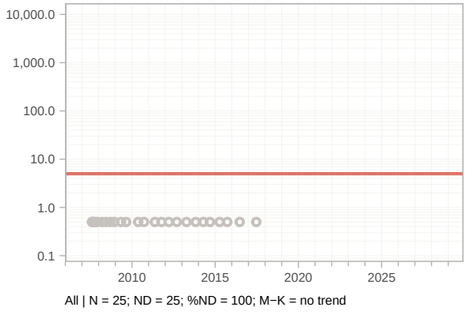
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

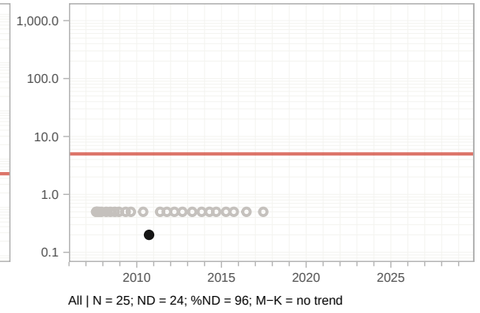
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

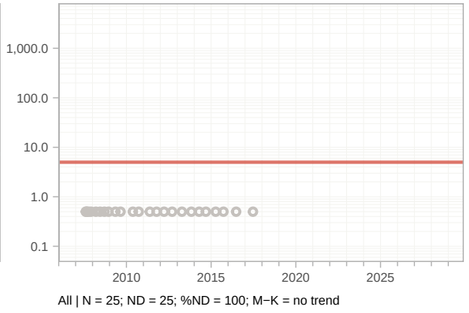
NYS GWQS = 5 ug/L



All | N = 25; ND = 24; %ND = 96; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

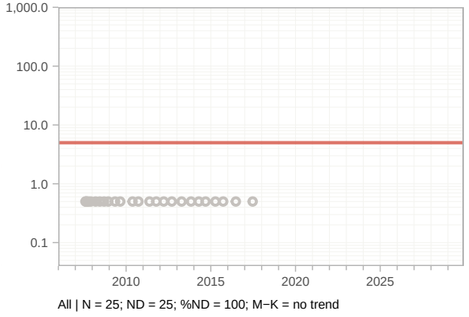
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

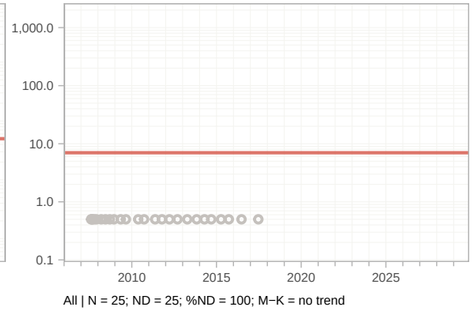
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

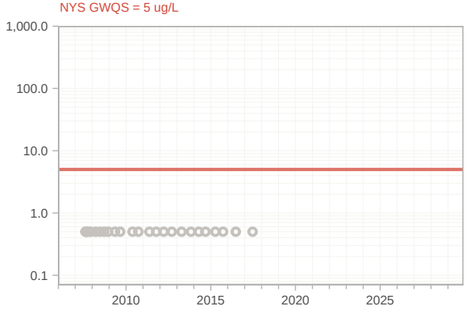
NYS GWQS = 7 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

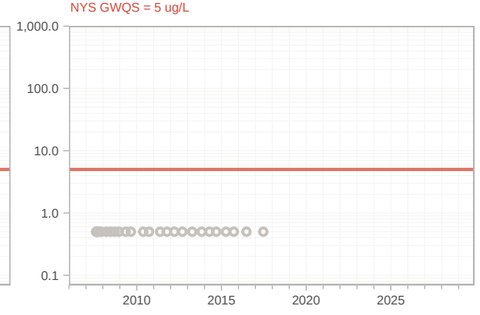
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Chloromethane (ug/L)

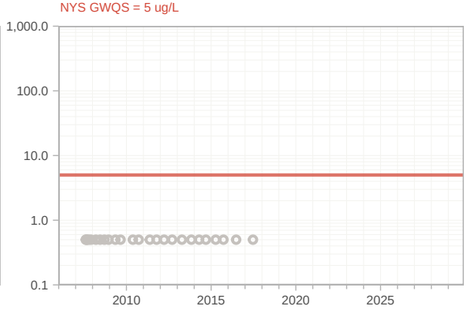
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

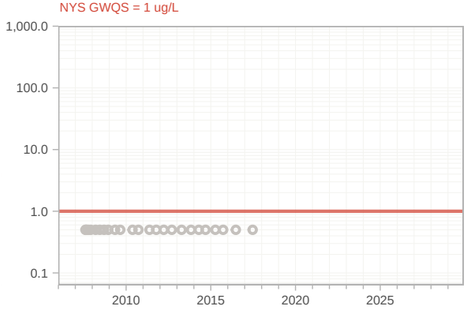
NYS GWQS = 5 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

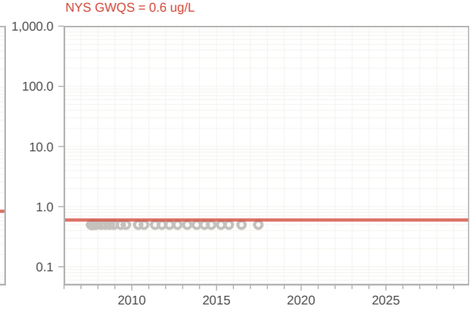
NYS GWQS = 1 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Notes:
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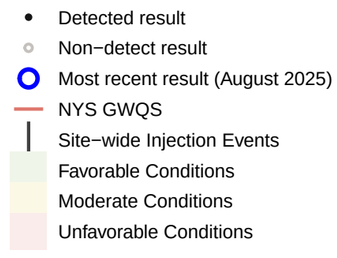
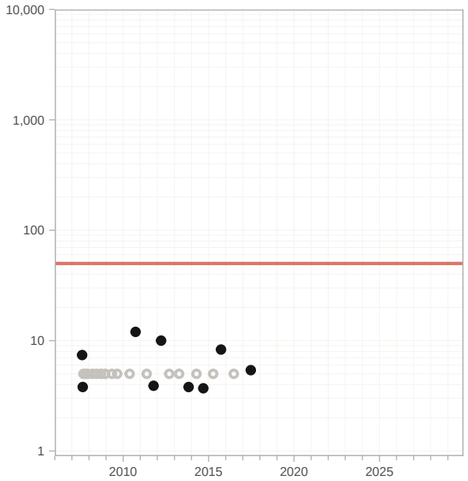


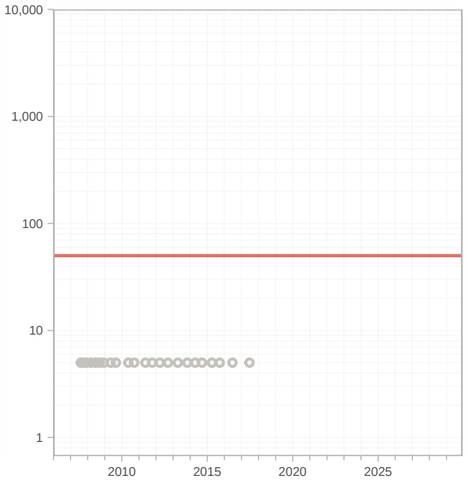
BP−14D PORT 1 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



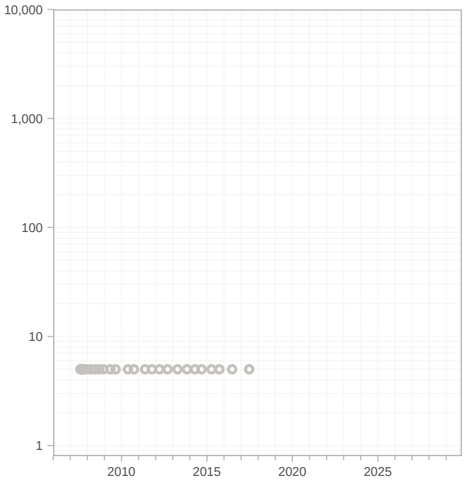
All | N = 25; ND = 16; %ND = 64; M−K = stable

Butanone (2−) (MEK) (ug/L)



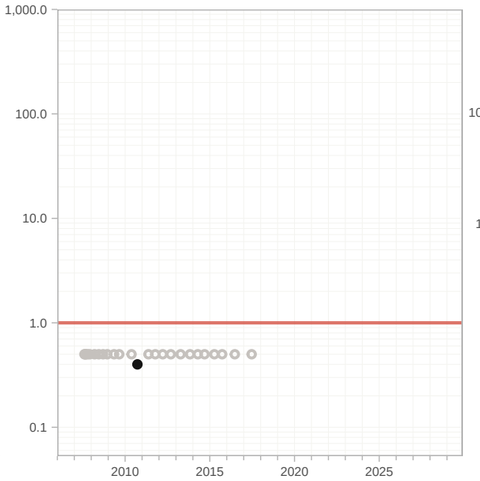
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



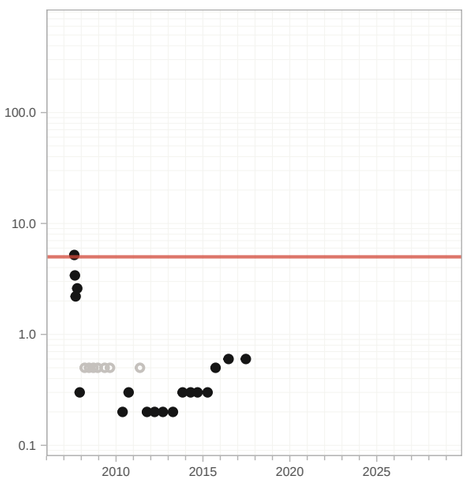
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Benzene (ug/L)



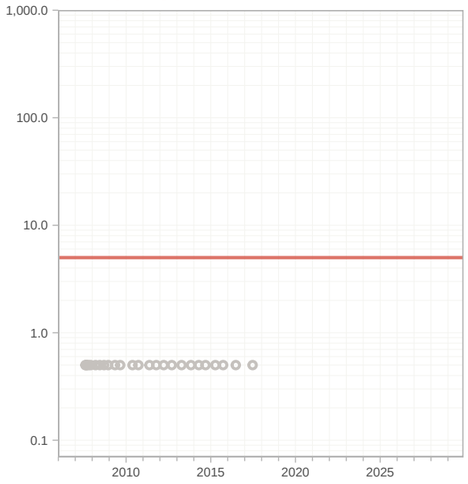
All | N = 25; ND = 24; %ND = 96; M−K = no trend

Toluene (ug/L)



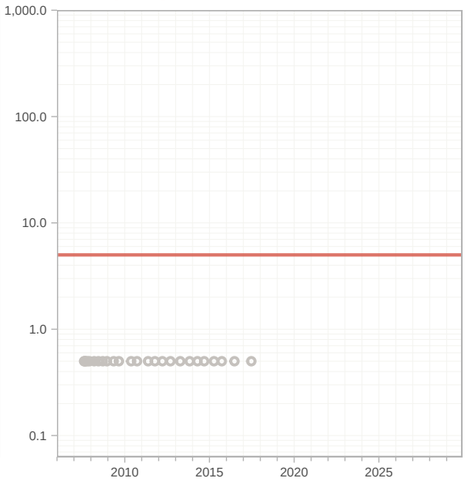
All | N = 25; ND = 7; %ND = 28; M−K = no trend

Ethylbenzene (ug/L)



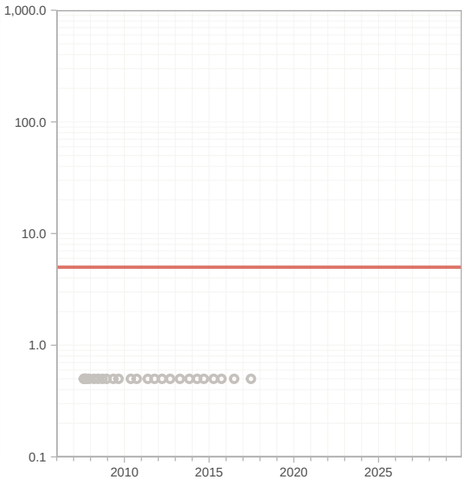
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



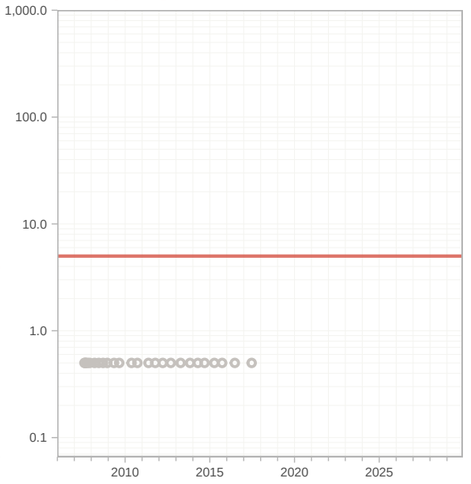
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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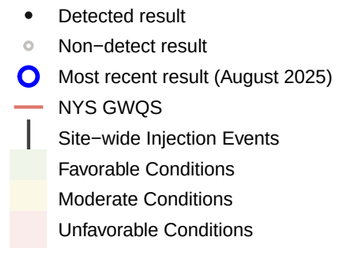
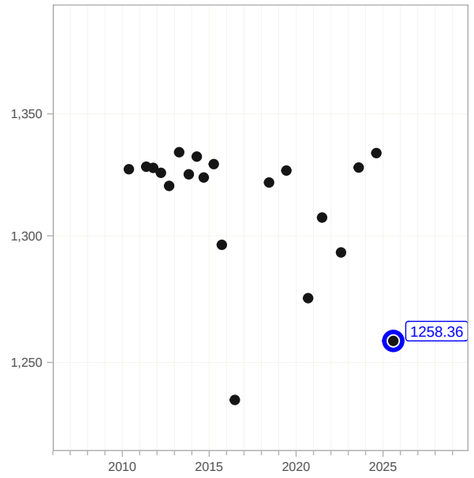
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



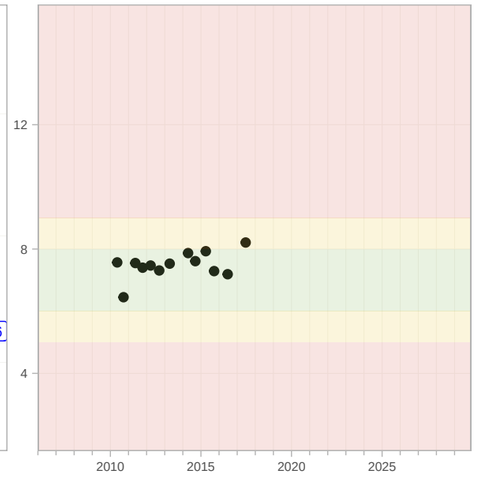
BP−14D PORT 1 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



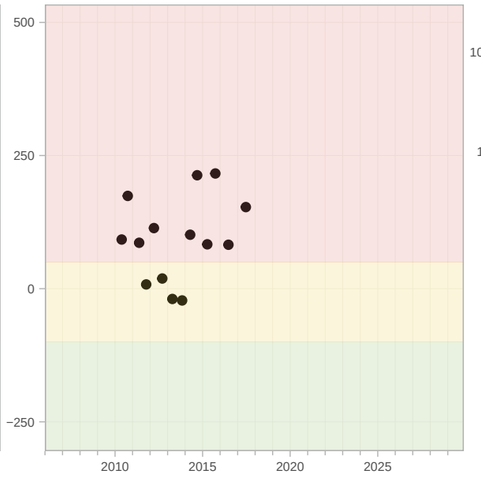
All | N = 20; ND = 0; %ND = 0; M−K = probably decreasing

pH (SU)



All | N = 13; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)

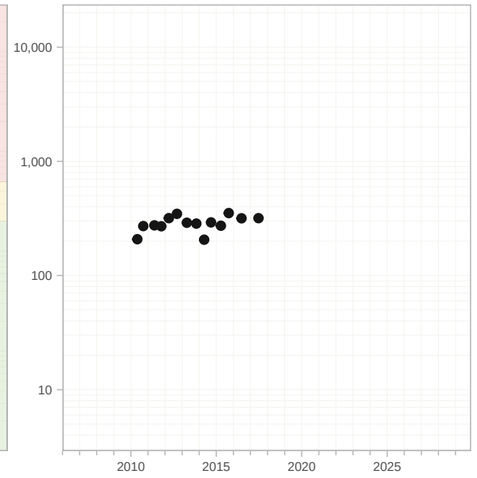


All | N = 14; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)

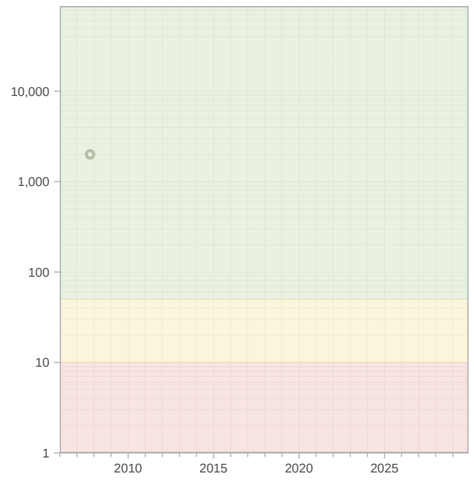
All | N = 12; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



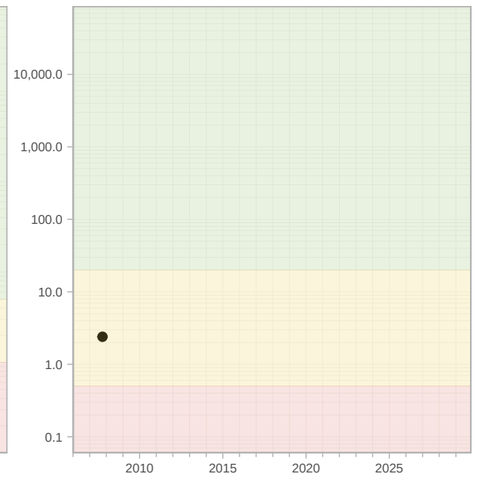
All | N = 14; ND = 0; %ND = 0; M−K = probably increasing

Sulfide (ug/L)



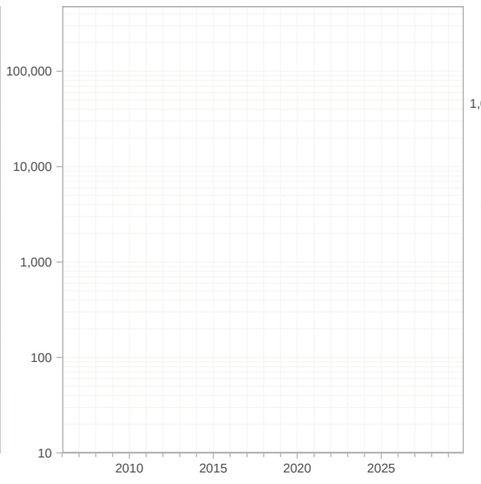
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methane (ug/L)



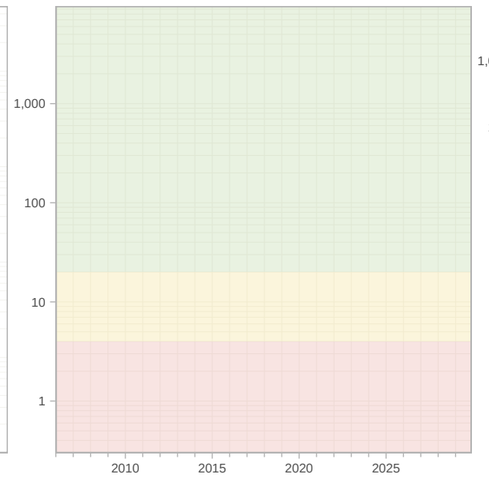
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



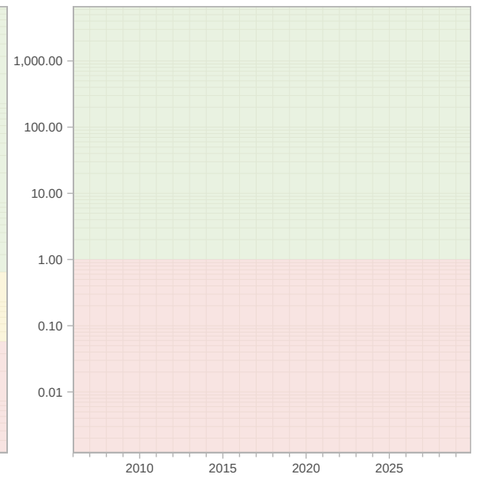
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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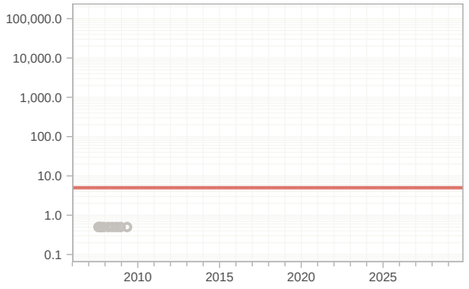
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−14D PORT 2 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

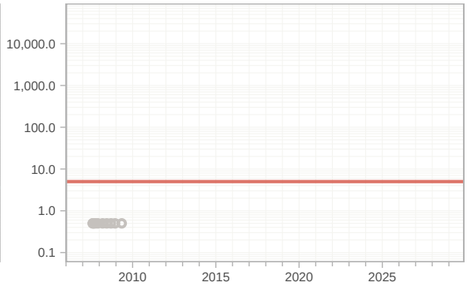
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

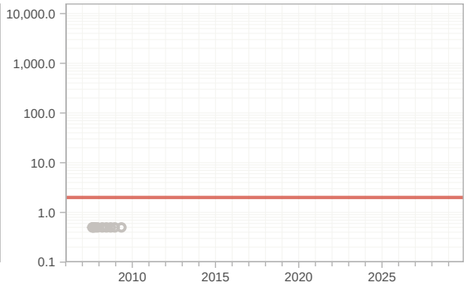
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

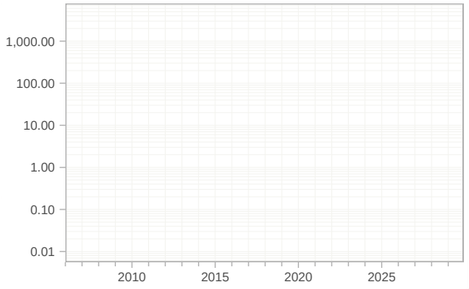
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



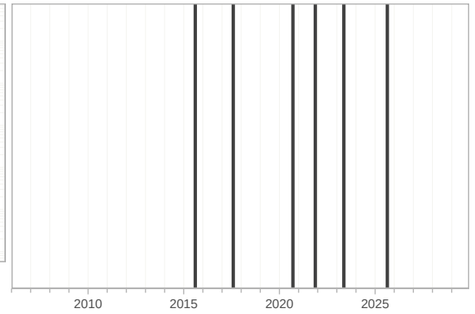
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Ethane + Ethene



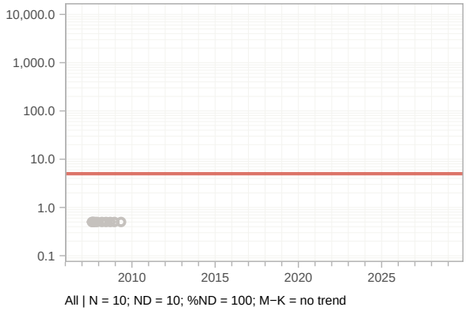
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

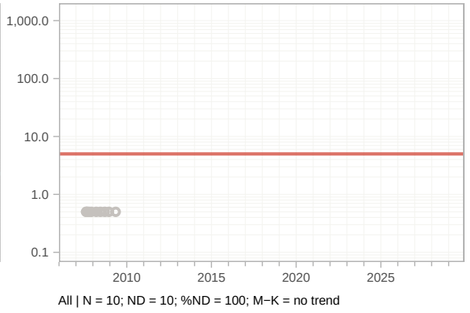
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

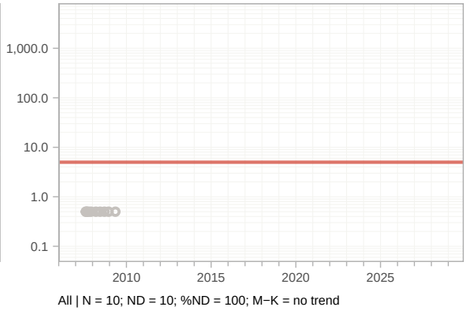
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

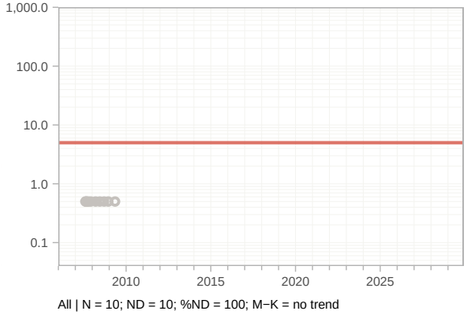
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

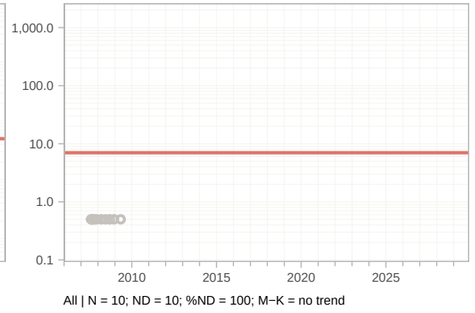
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

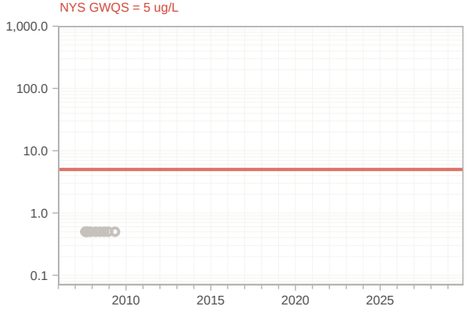
NYS GWQS = 7 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

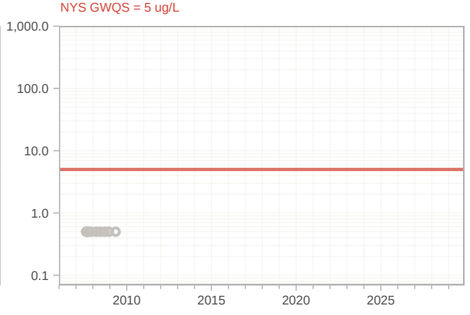
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloromethane (ug/L)

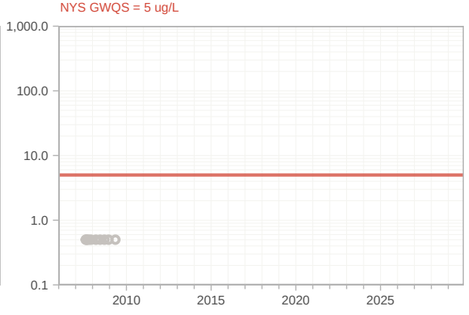
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

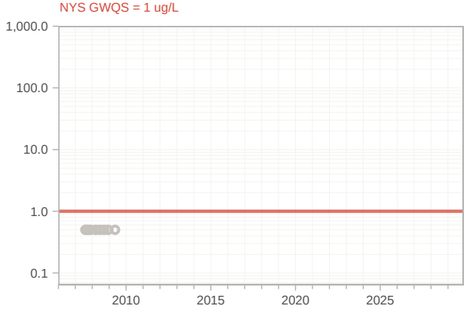
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

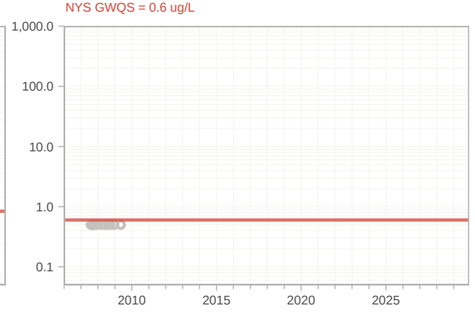
NYS GWQS = 1 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

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- Detected result
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- Favorable Conditions
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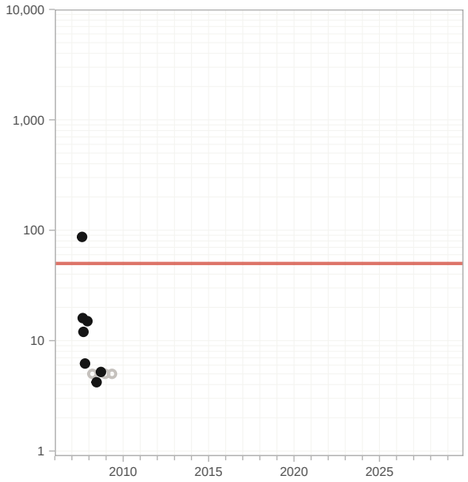
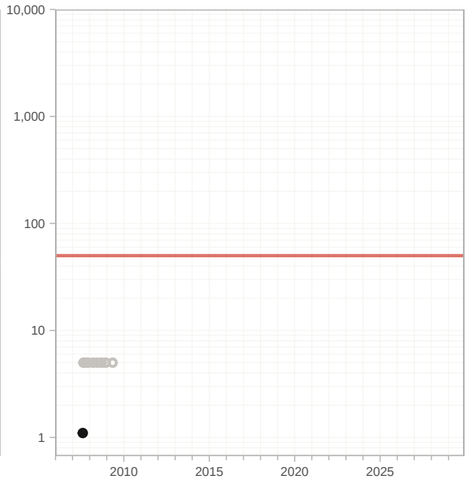
BP−14D PORT 2 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



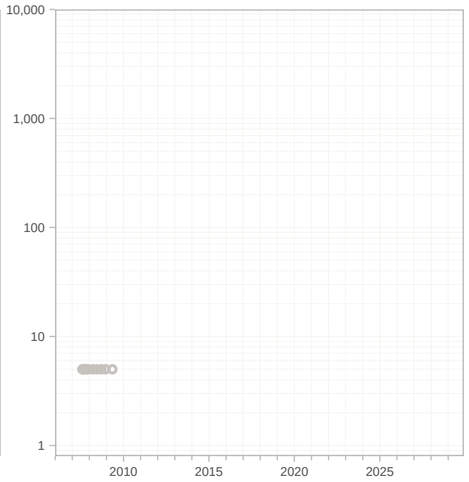
All | N = 10; ND = 3; %ND = 30; M−K = strong decreasing

Butanone (2−) (MEK) (ug/L)



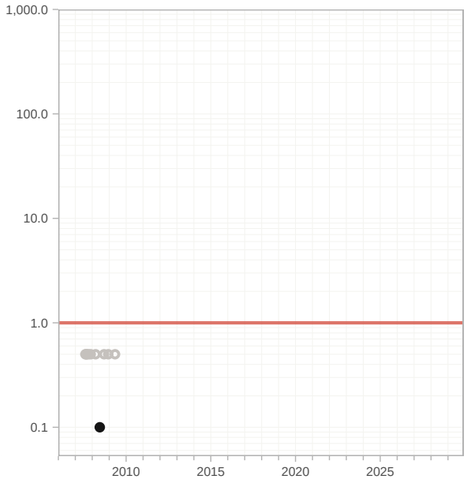
All | N = 10; ND = 9; %ND = 90; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



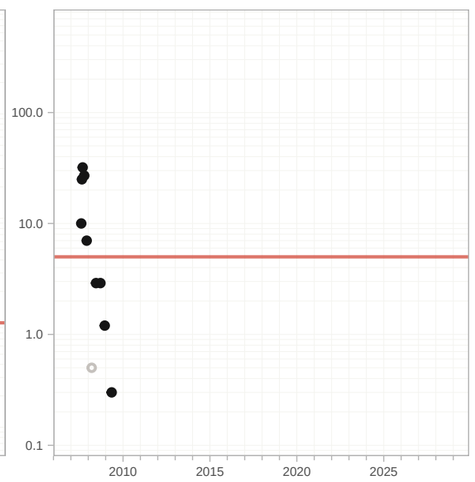
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Benzene (ug/L)



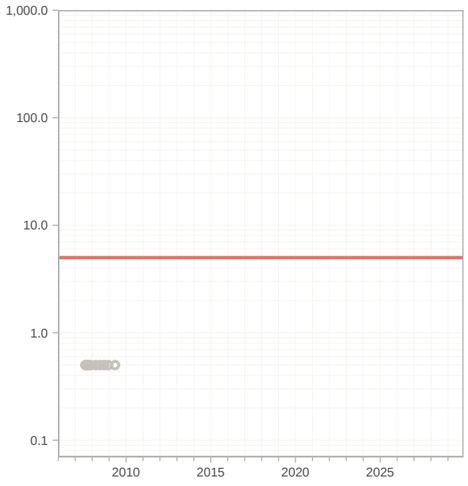
All | N = 10; ND = 9; %ND = 90; M−K = no trend

Toluene (ug/L)



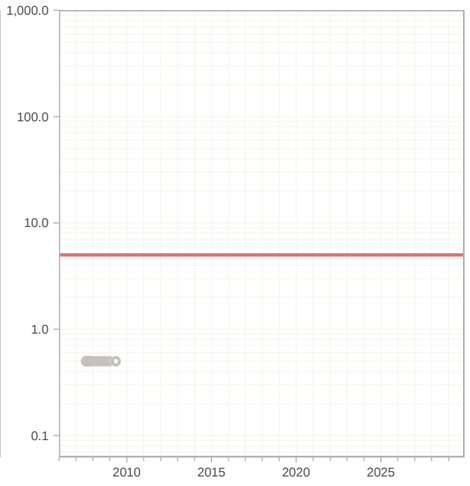
All | N = 10; ND = 1; %ND = 10; M−K = decreasing

Ethylbenzene (ug/L)



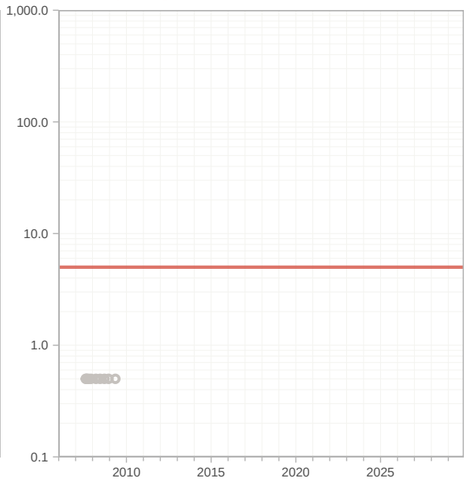
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



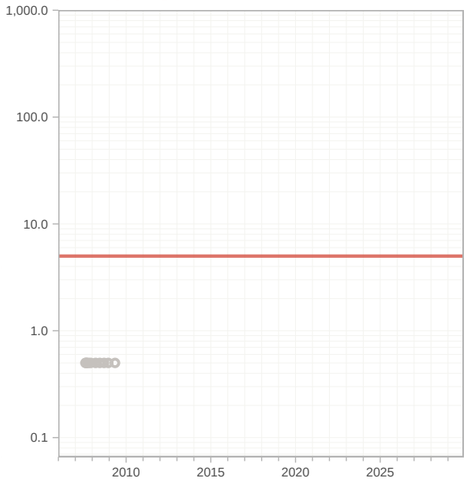
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

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- Detected result
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- NYS GWQS
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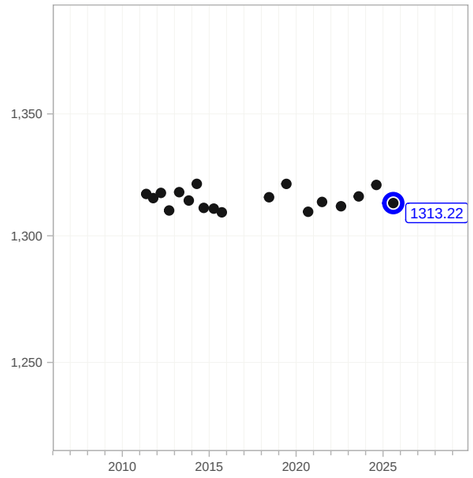
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

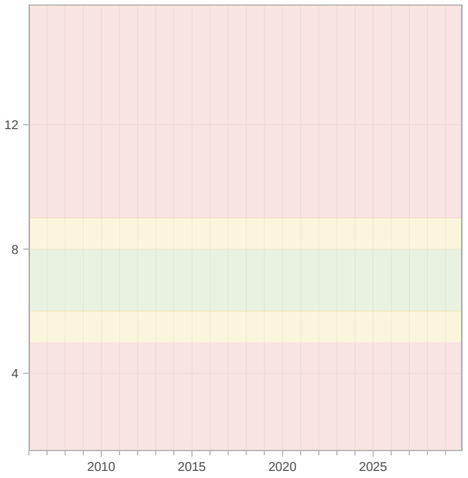
BP−14D PORT 2 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



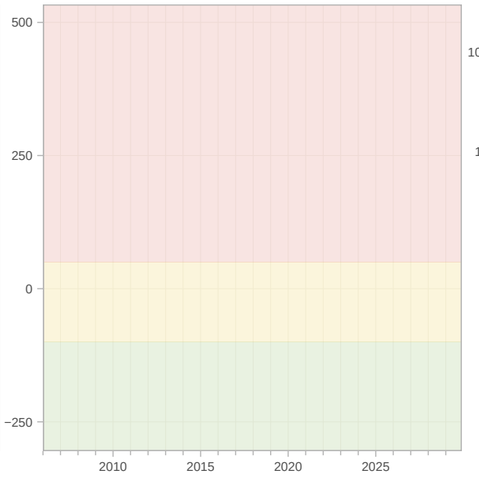
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH



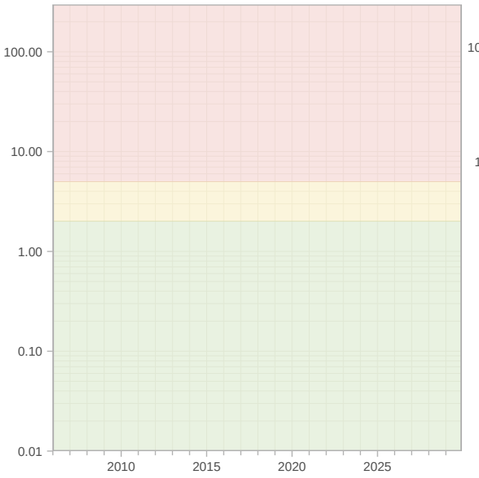
No Data

Oxidation/Reduction Potential



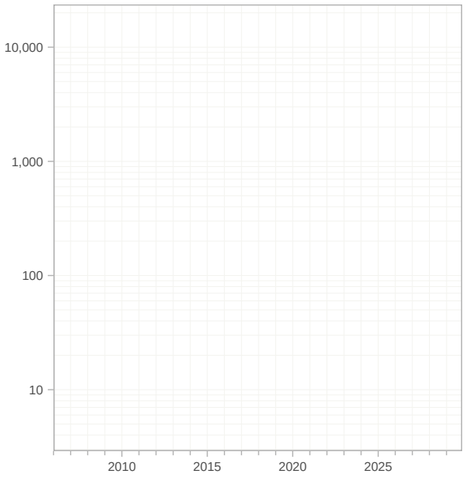
No Data

Dissolved Oxygen



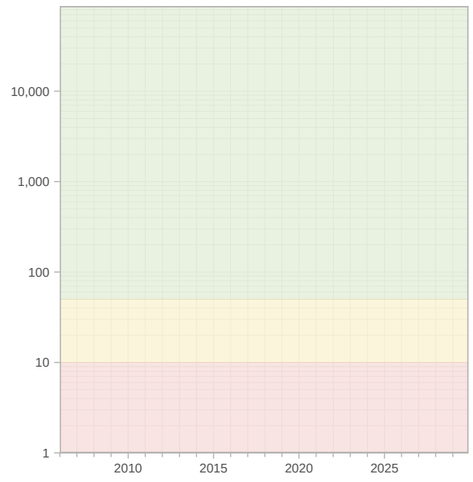
No Data

Specific Conductance



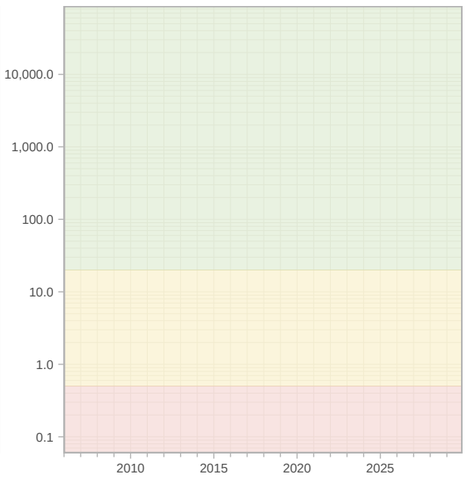
No Data

Sulfide



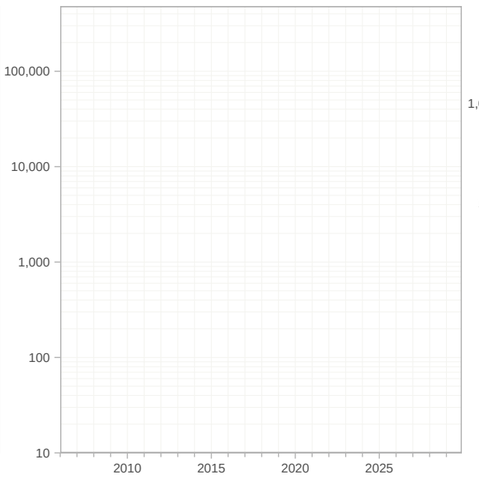
No Data

Methane



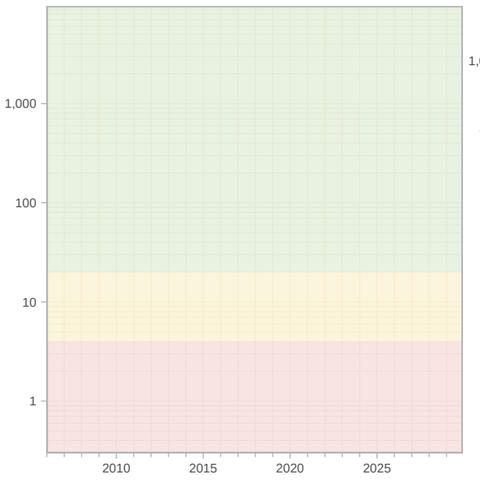
No Data

Iron − Ferrous



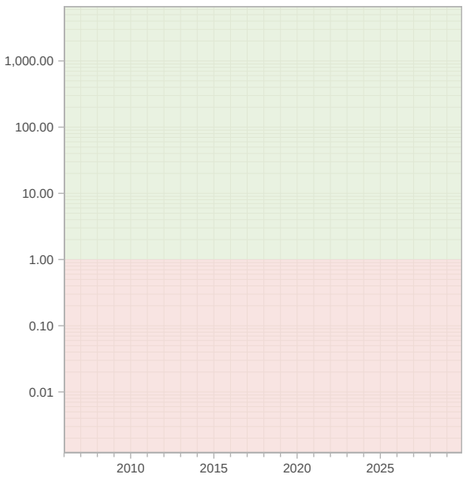
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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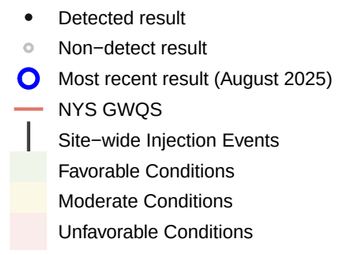
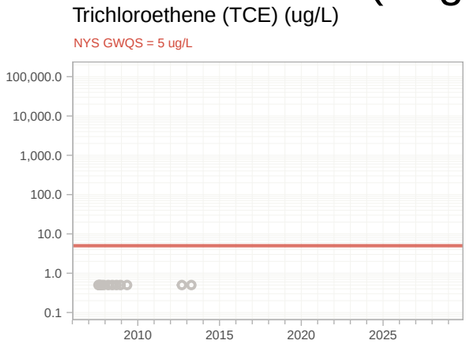


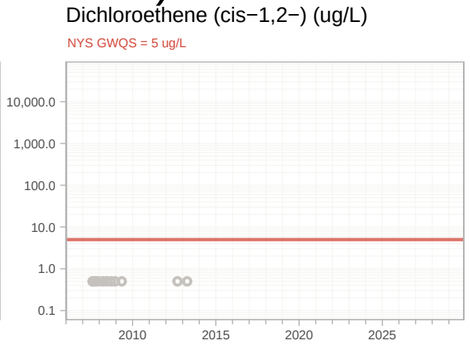
BP−14D PORT 3 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)



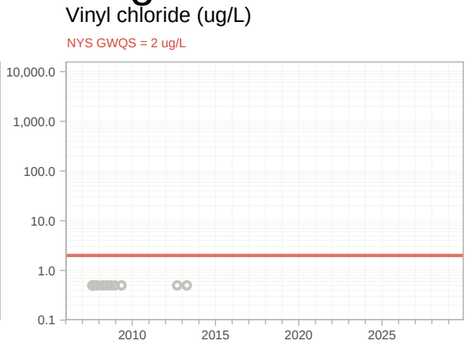
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)



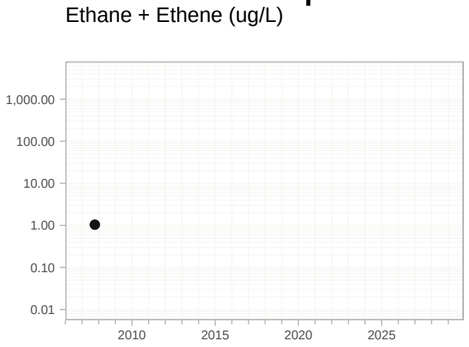
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Vinyl chloride (ug/L)



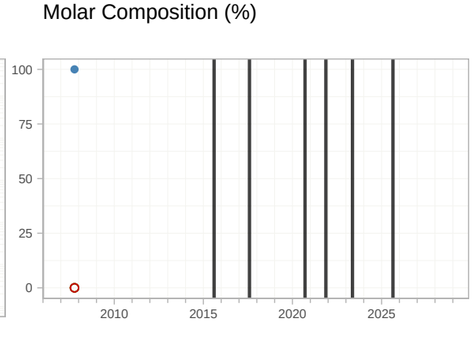
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)

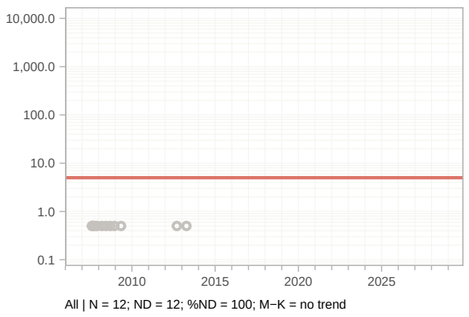


All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)

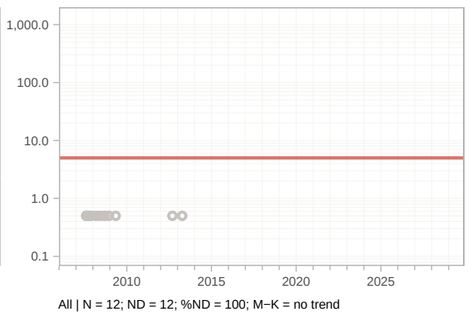


Dichloroethene (trans−1,2−) (ug/L)



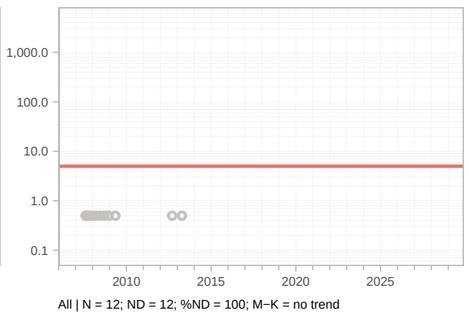
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)



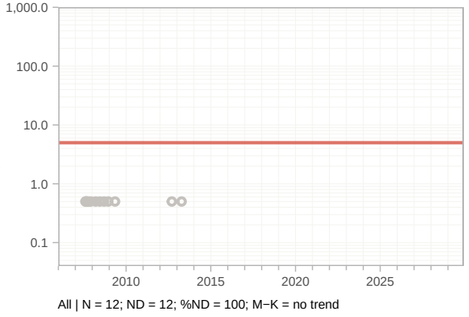
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)



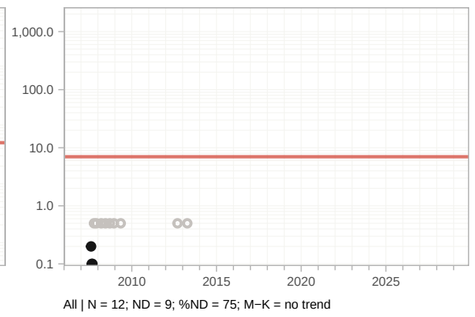
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)



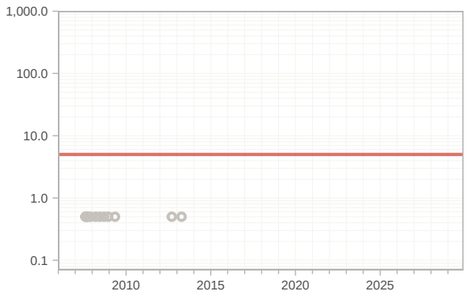
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)



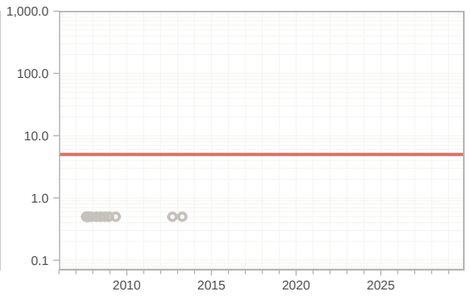
All | N = 12; ND = 9; %ND = 75; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L



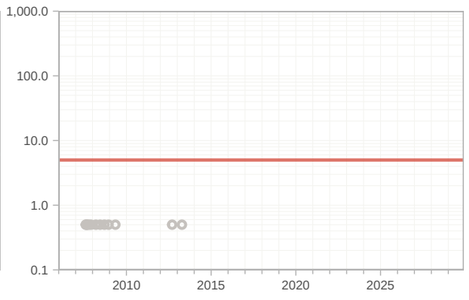
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloromethane (ug/L)



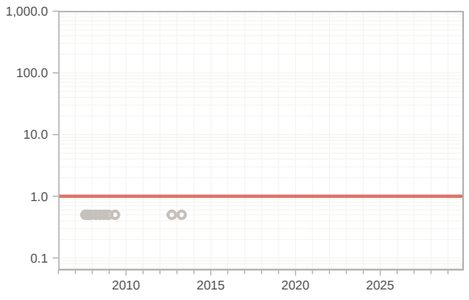
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)



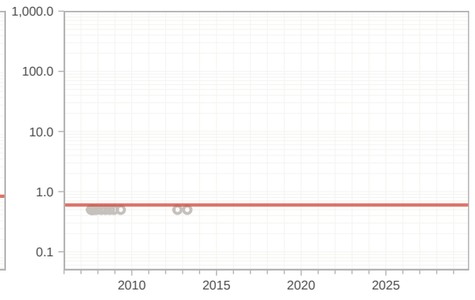
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Notes:
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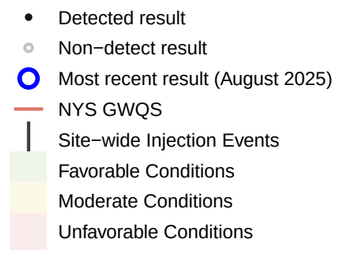
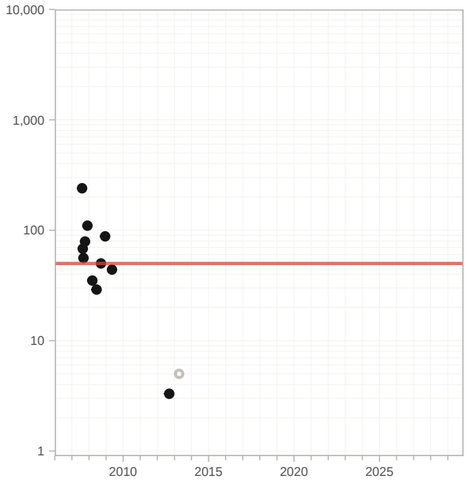


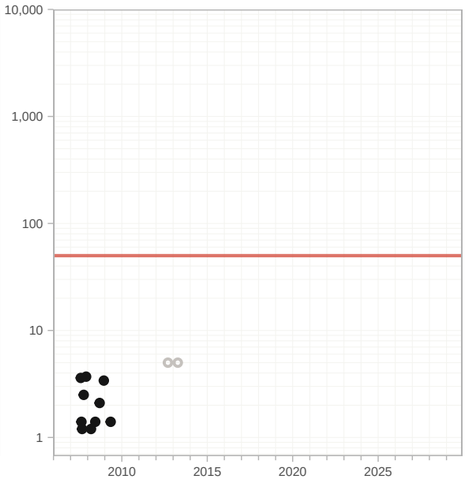
BP−14D PORT 3 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



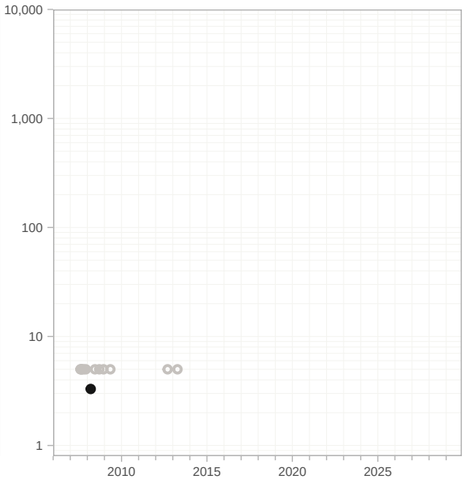
All | N = 12; ND = 1; %ND = 8.3; M−K = decreasing

Butanone (2−) (MEK) (ug/L)



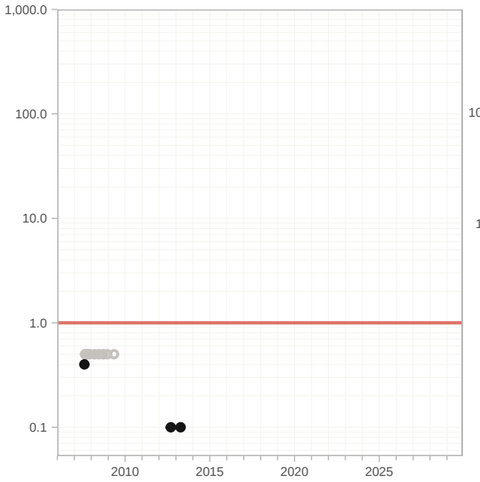
All | N = 12; ND = 2; %ND = 16.7; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



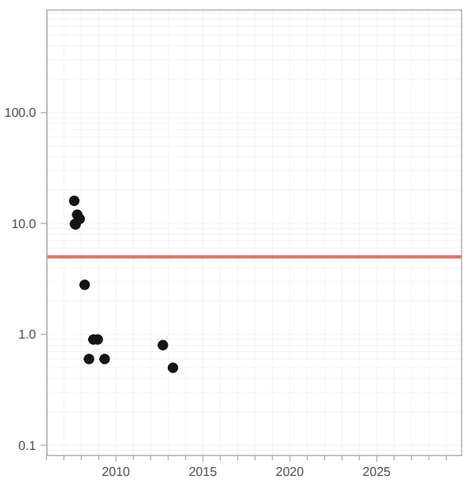
All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Benzene (ug/L)



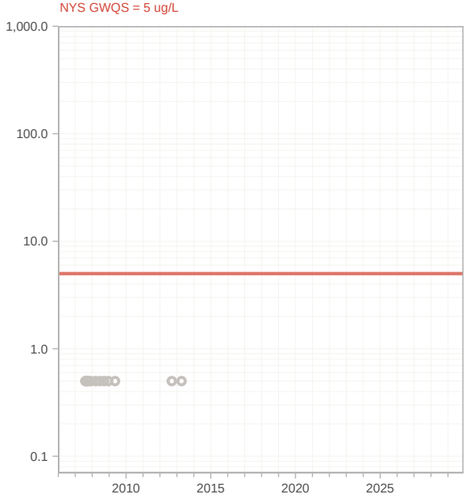
All | N = 12; ND = 9; %ND = 75; M−K = no trend

Toluene (ug/L)



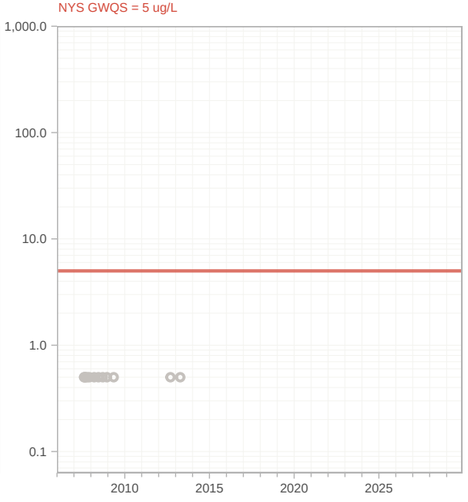
All | N = 12; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



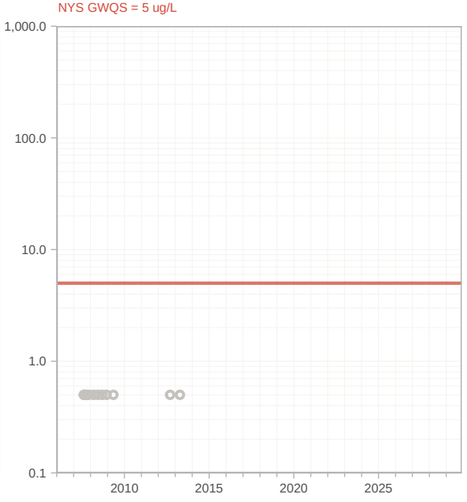
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



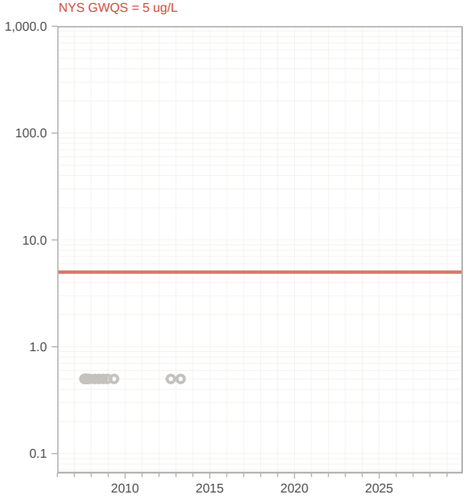
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

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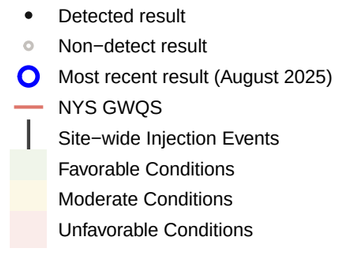
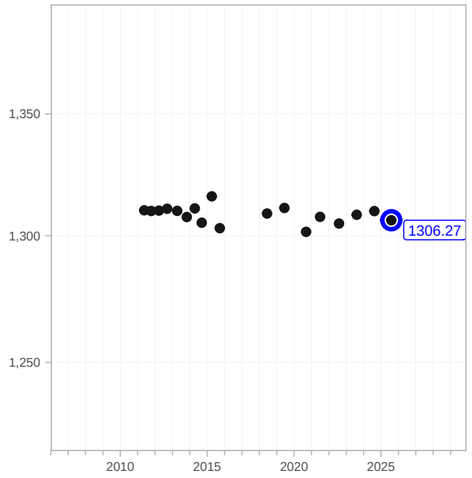


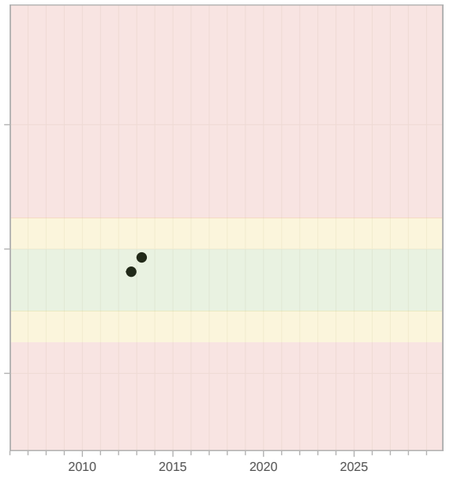
BP−14D PORT 3 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



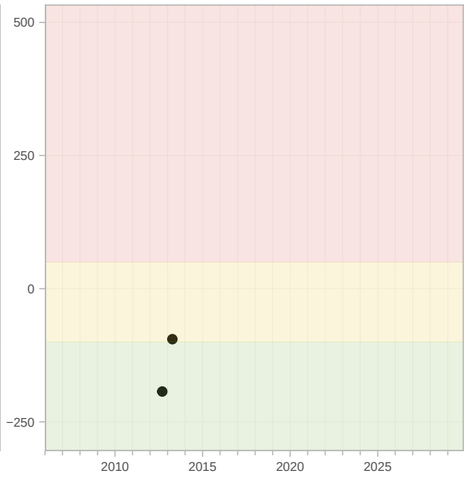
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH (SU)



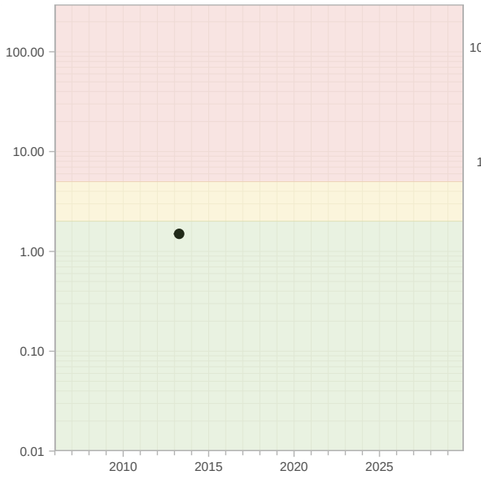
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



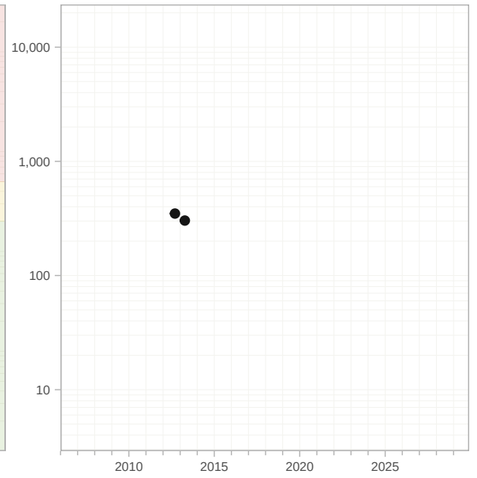
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



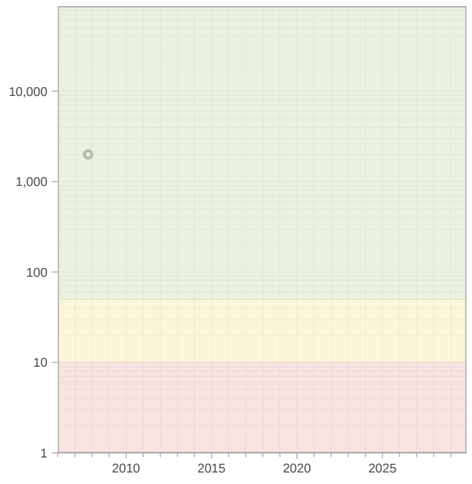
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



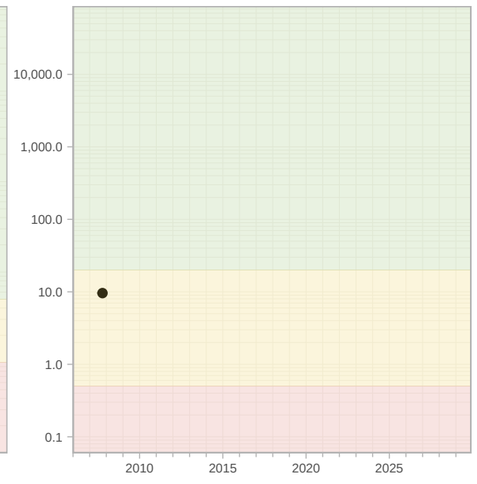
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Sulfide (ug/L)



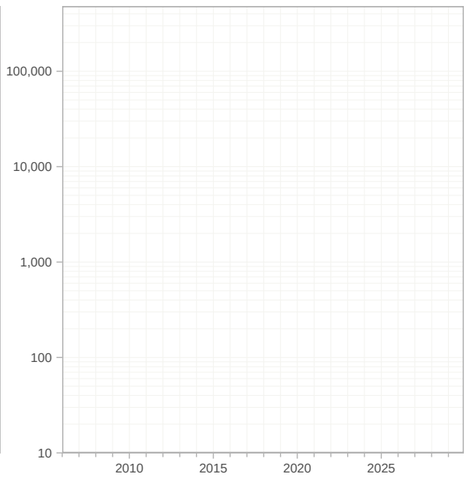
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methane (ug/L)



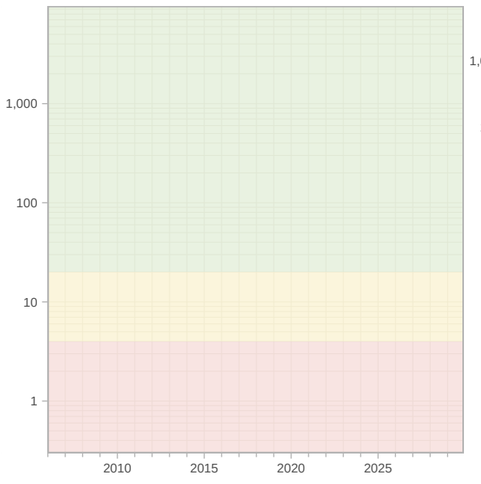
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



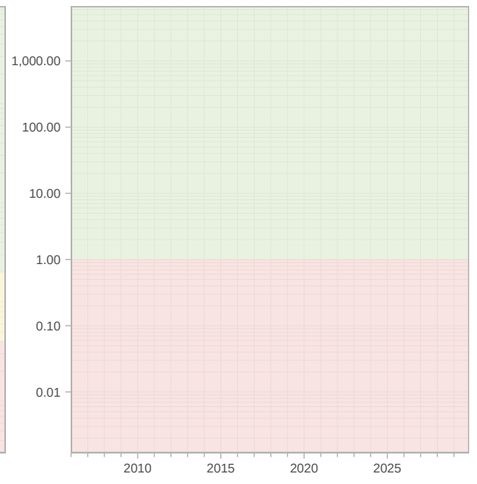
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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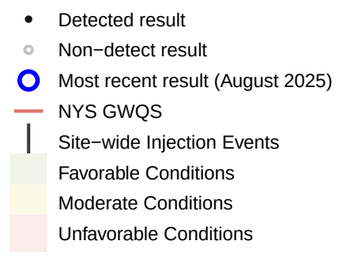
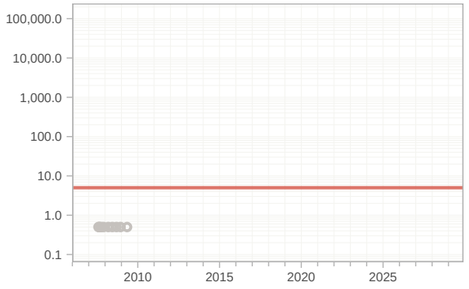


BP−14D PORT 4 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

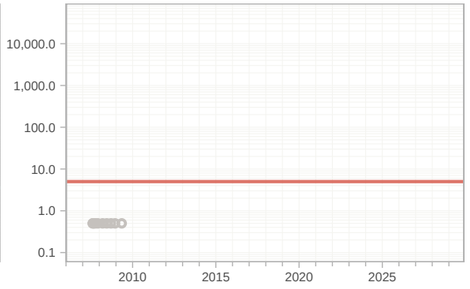
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

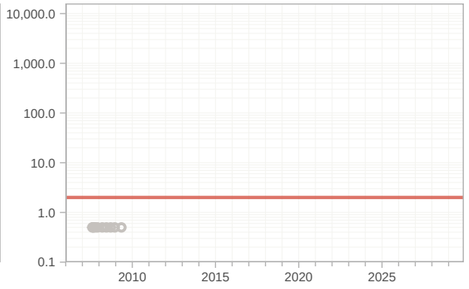
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

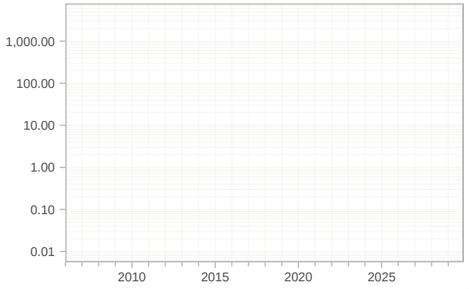
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



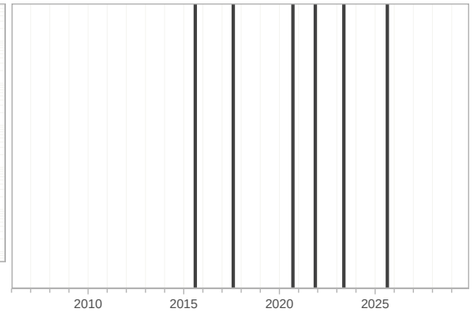
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Ethane + Ethene



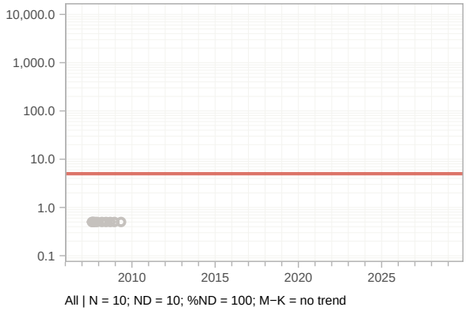
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

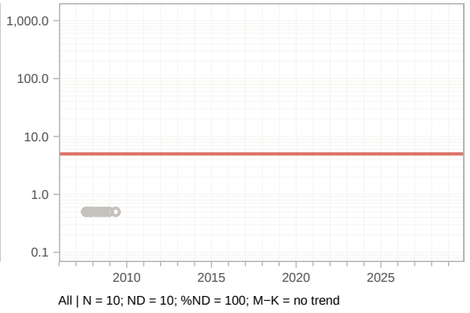
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

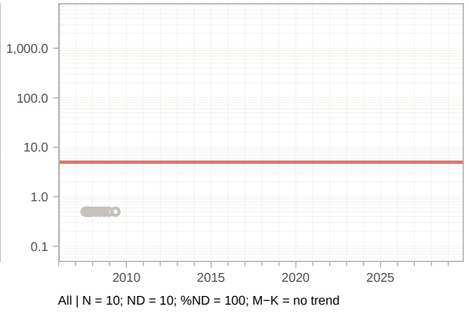
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

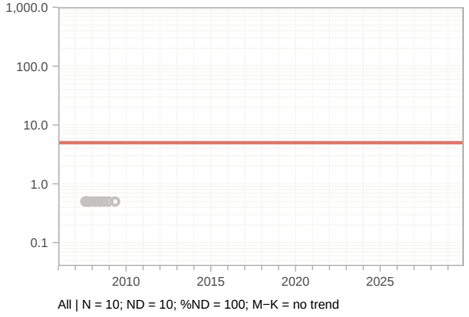
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

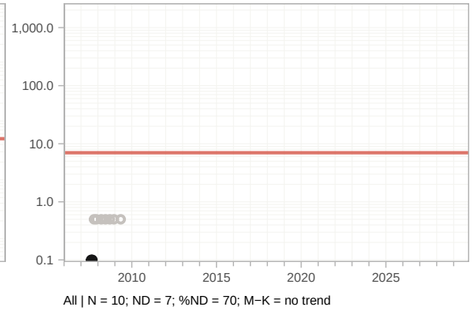
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

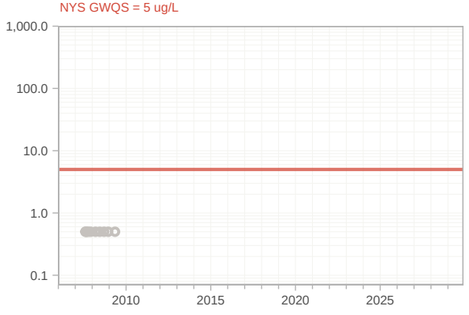
NYS GWQS = 7 ug/L



All | N = 10; ND = 7; %ND = 70; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

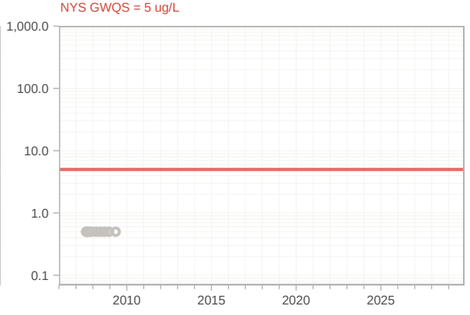
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloromethane (ug/L)

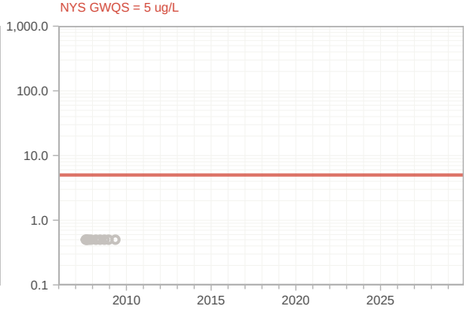
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

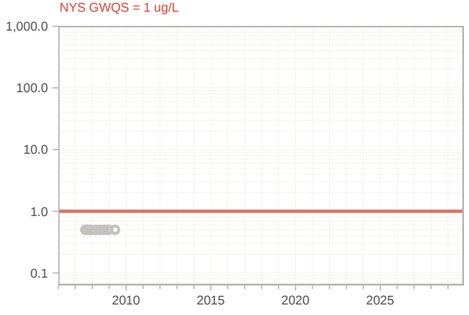
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

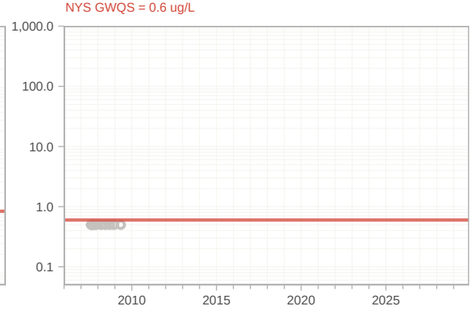
NYS GWQS = 1 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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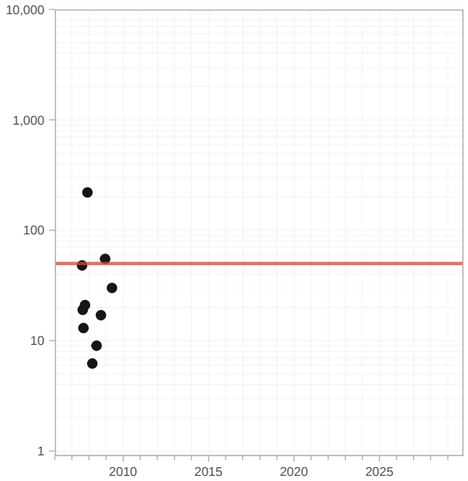
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

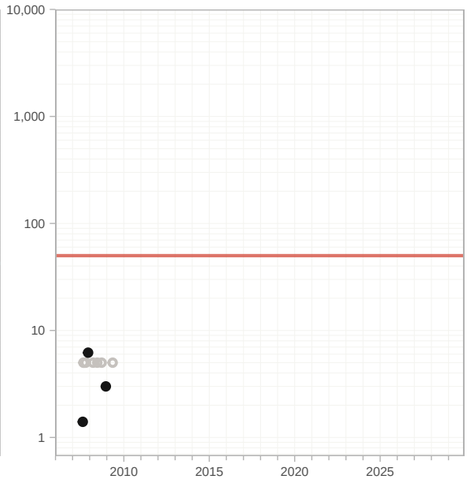
BP−14D PORT 4 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



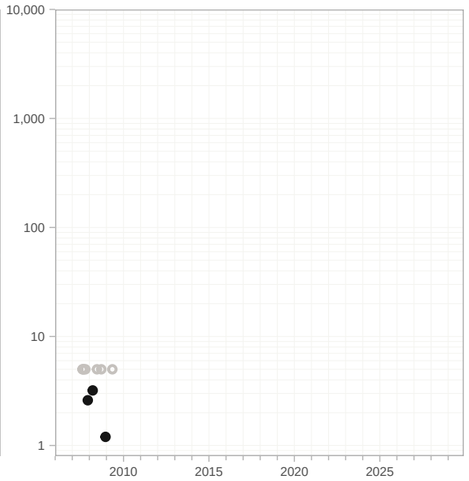
All | N = 10; ND = 0; %ND = 0; M−K = no trend

Butanone (2−) (MEK) (ug/L)



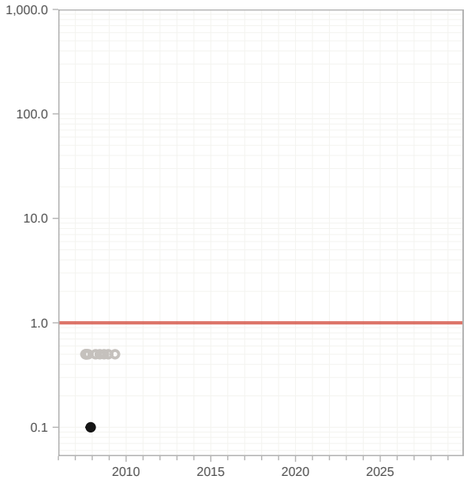
All | N = 10; ND = 7; %ND = 70; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



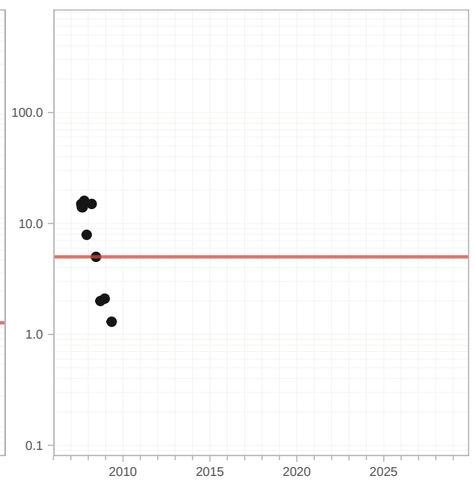
All | N = 10; ND = 7; %ND = 70; M−K = no trend

Benzene (ug/L)



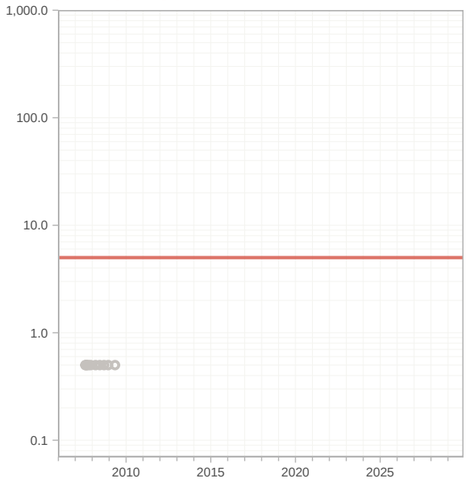
All | N = 10; ND = 9; %ND = 90; M−K = no trend

Toluene (ug/L)



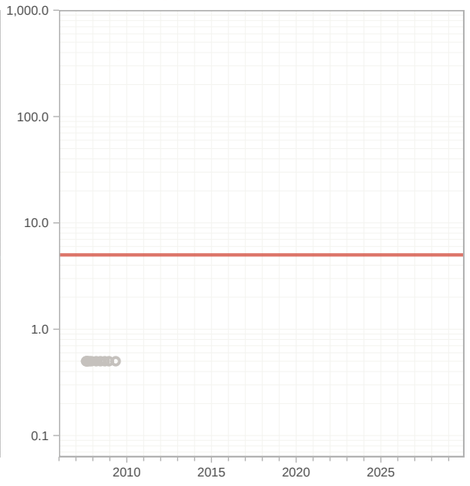
All | N = 10; ND = 0; %ND = 0; M−K = decreasing

Ethylbenzene (ug/L)



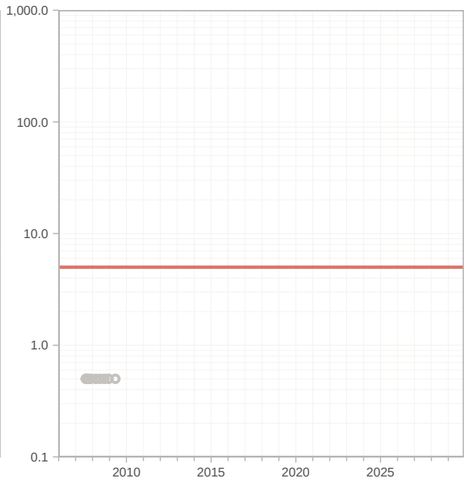
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



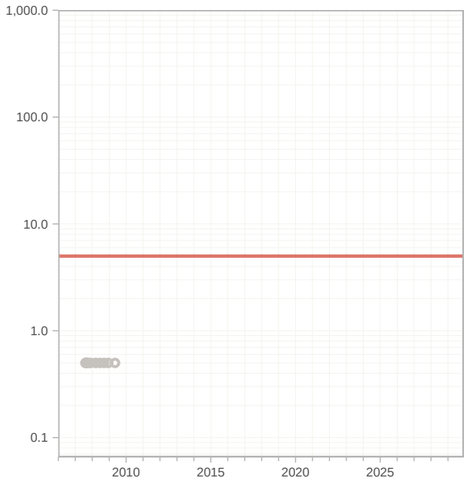
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

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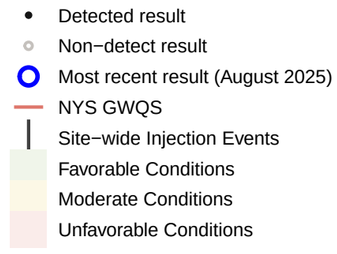
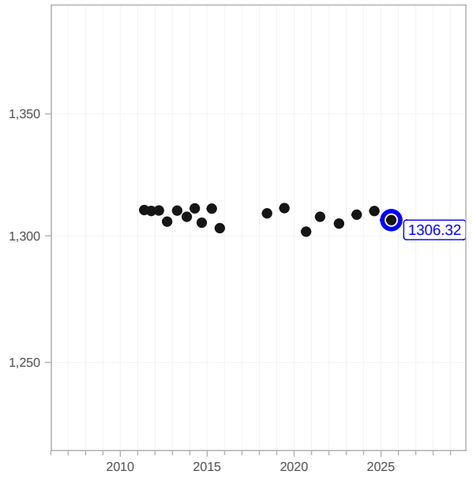


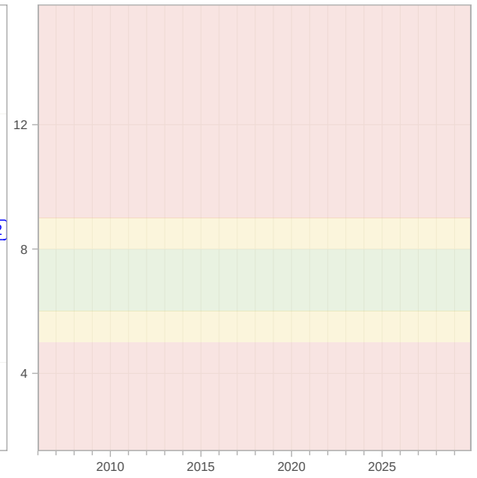
BP−14D PORT 4 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



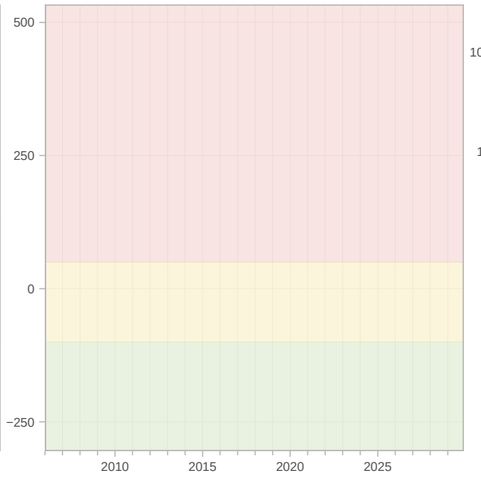
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH



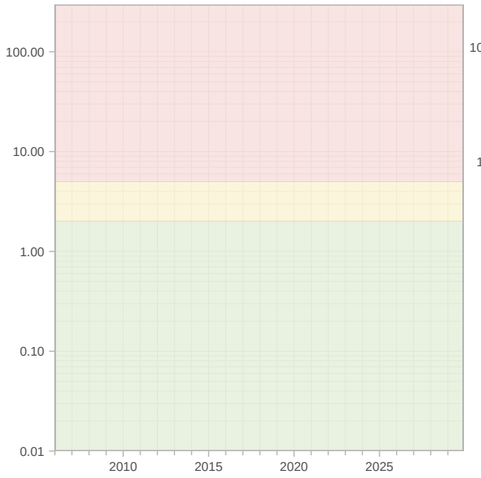
No Data

Oxidation/Reduction Potential



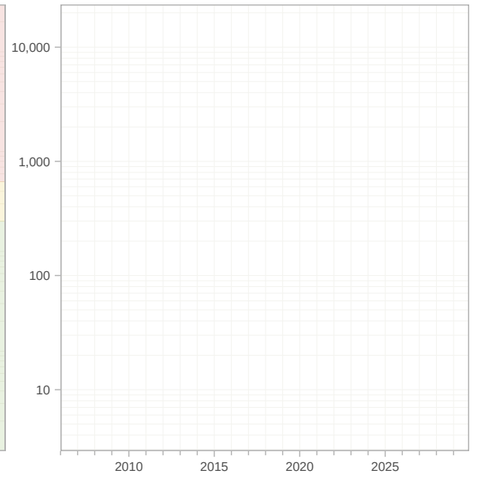
No Data

Dissolved Oxygen



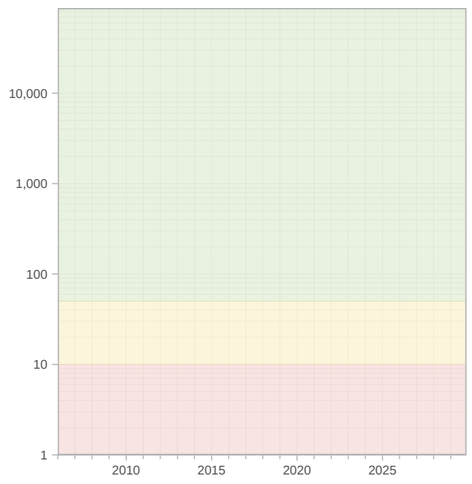
No Data

Specific Conductance



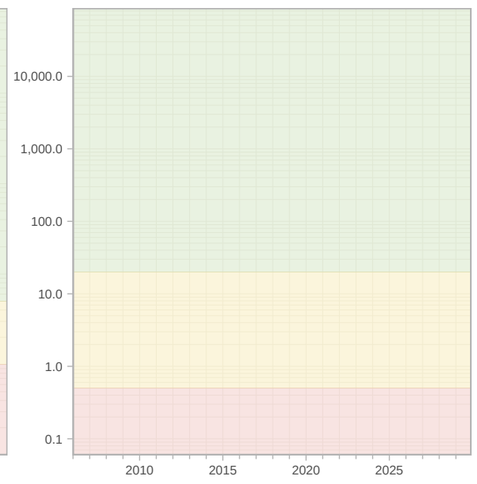
No Data

Sulfide



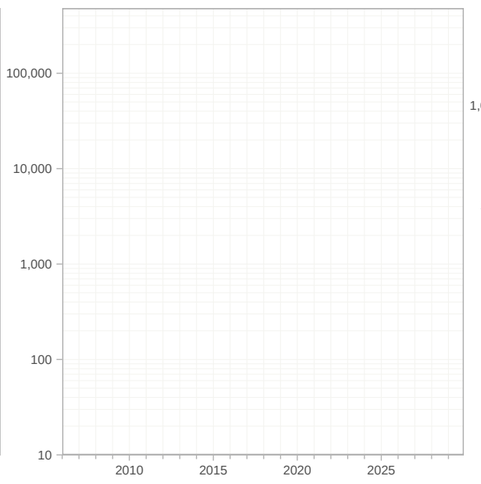
No Data

Methane



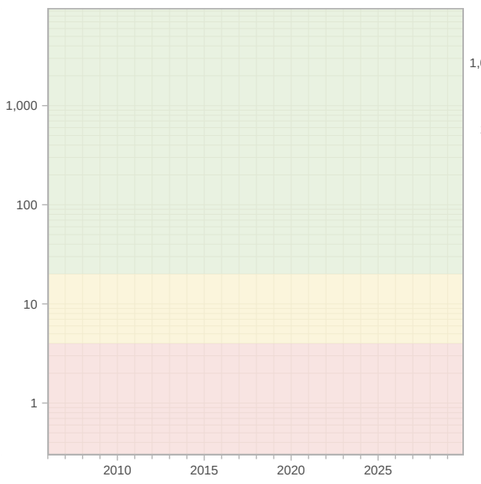
No Data

Iron − Ferrous



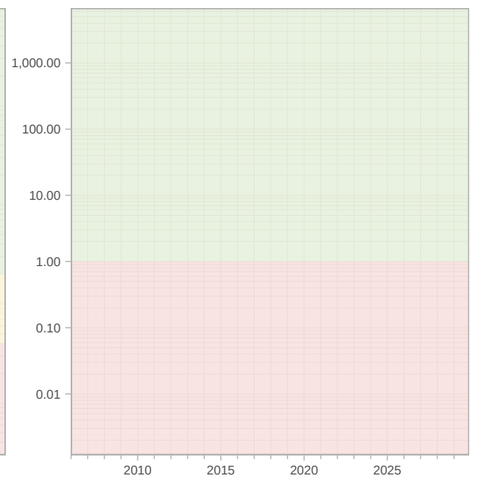
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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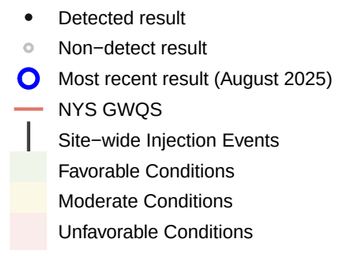
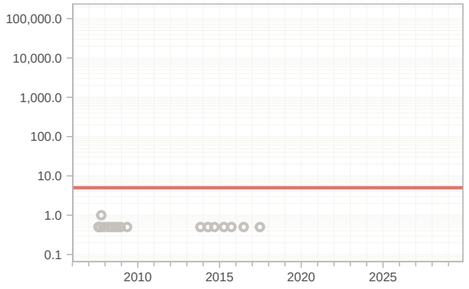


BP−14D PORT 5 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

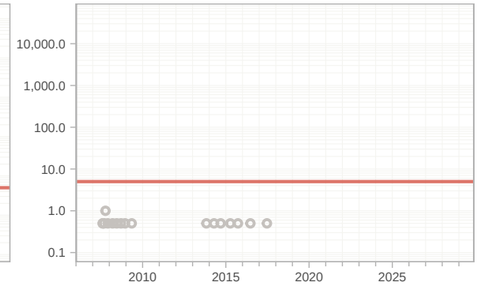
NYS GWQS = 5 ug/L



All | N = 17; ND = 17; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

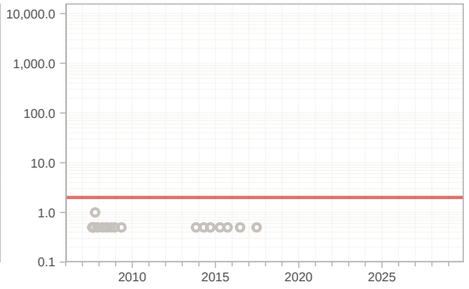
NYS GWQS = 5 ug/L



All | N = 17; ND = 17; %ND = 100; M−K = no trend

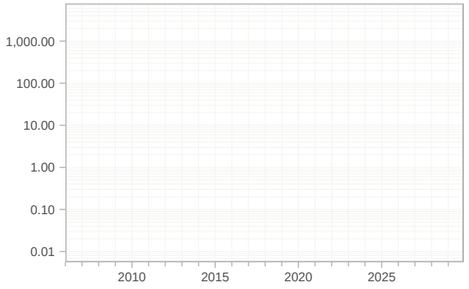
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



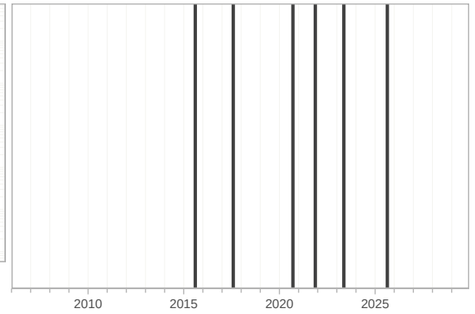
All | N = 17; ND = 17; %ND = 100; M−K = no trend

Ethane + Ethene



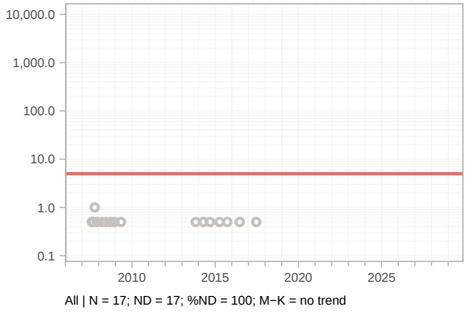
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

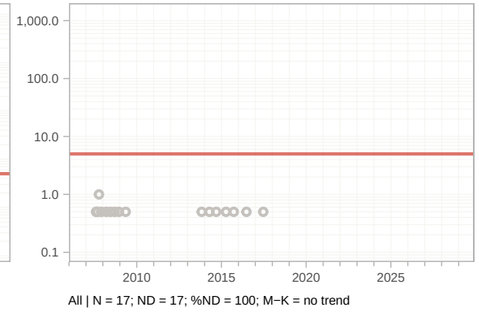
NYS GWQS = 5 ug/L



All | N = 17; ND = 17; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

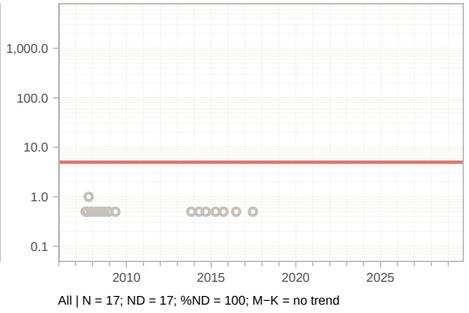
NYS GWQS = 5 ug/L



All | N = 17; ND = 17; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

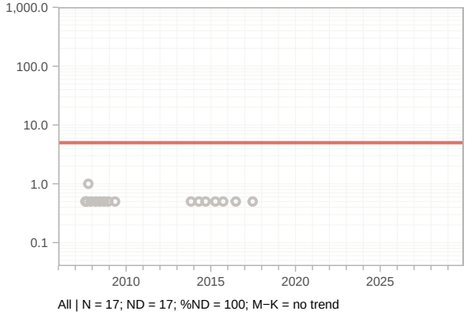
NYS GWQS = 5 ug/L



All | N = 17; ND = 17; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

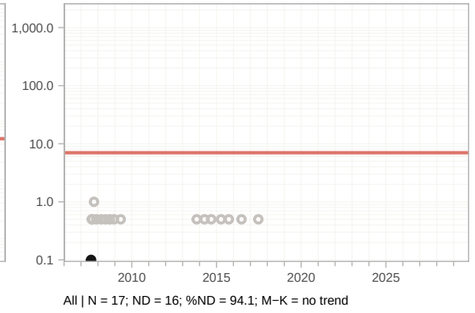
NYS GWQS = 5 ug/L



All | N = 17; ND = 17; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

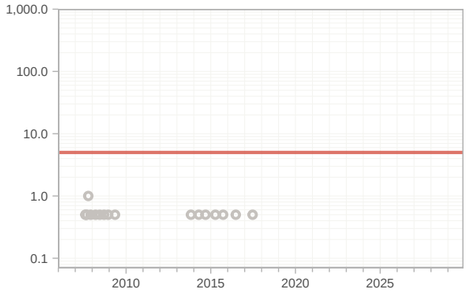
NYS GWQS = 7 ug/L



All | N = 17; ND = 16; %ND = 94.1; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

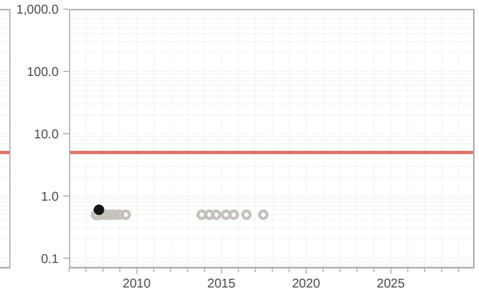
NYS GWQS = 5 ug/L



All | N = 17; ND = 17; %ND = 100; M−K = no trend

Chloromethane (ug/L)

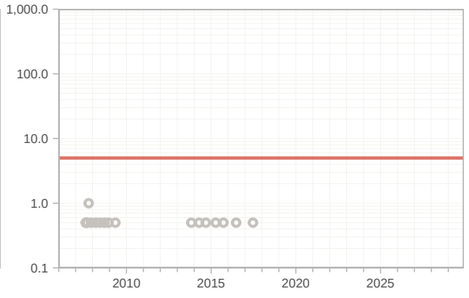
NYS GWQS = 5 ug/L



All | N = 17; ND = 16; %ND = 94.1; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

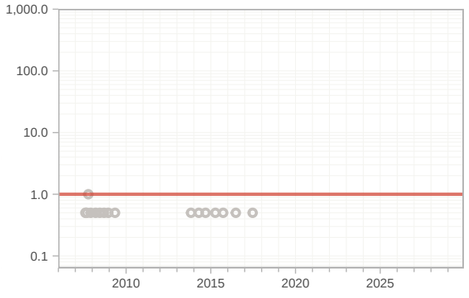
NYS GWQS = 5 ug/L



All | N = 17; ND = 17; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

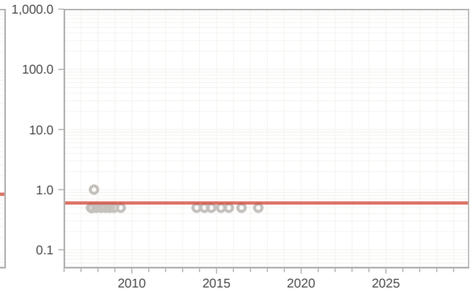
NYS GWQS = 1 ug/L



All | N = 17; ND = 17; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 17; ND = 17; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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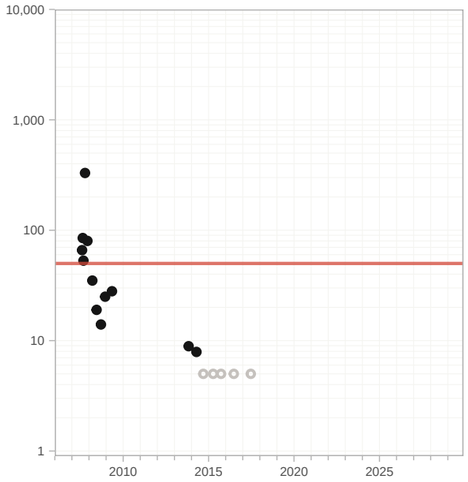
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

Detected result
Non−detect result
Most recent result (August 2025)
NYS GWQS
Site−wide Injection Events
Favorable Conditions
Moderate Conditions
Unfavorable Conditions

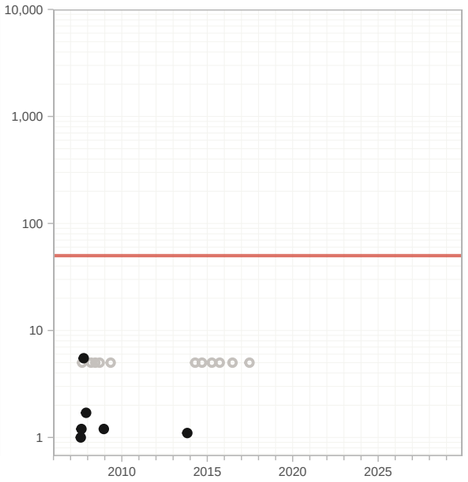
BP−14D PORT 5 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



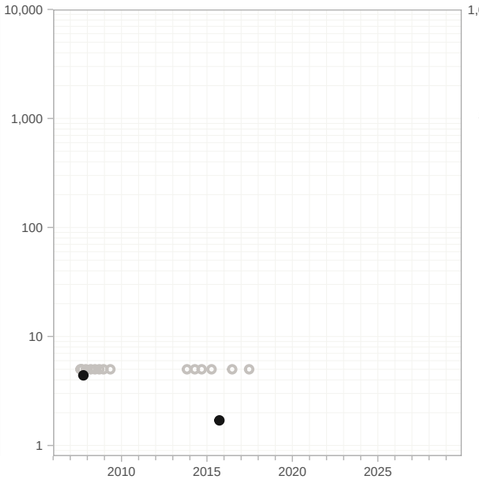
All | N = 17; ND = 5; %ND = 29.4; M−K = strong decreasing

Butanone (2−) (MEK) (ug/L)



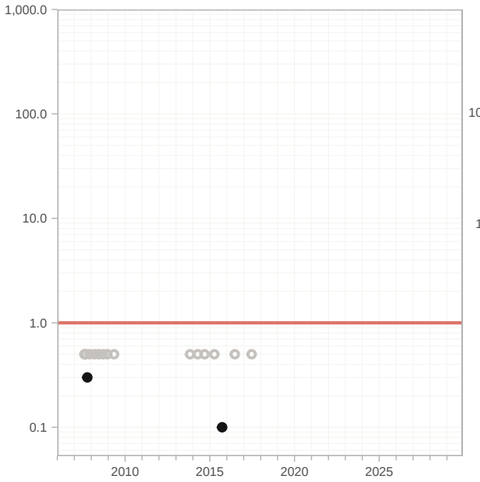
All | N = 17; ND = 11; %ND = 64.7; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



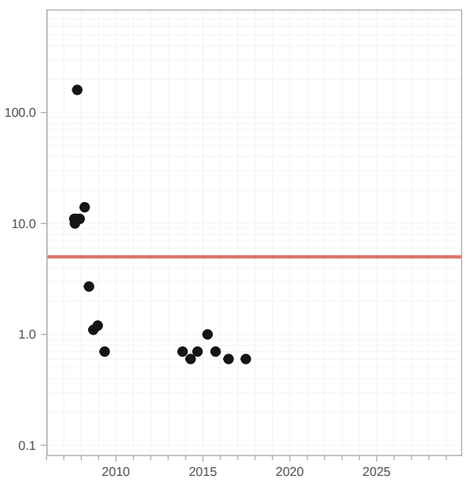
All | N = 17; ND = 15; %ND = 88.2; M−K = no trend

Benzene (ug/L)



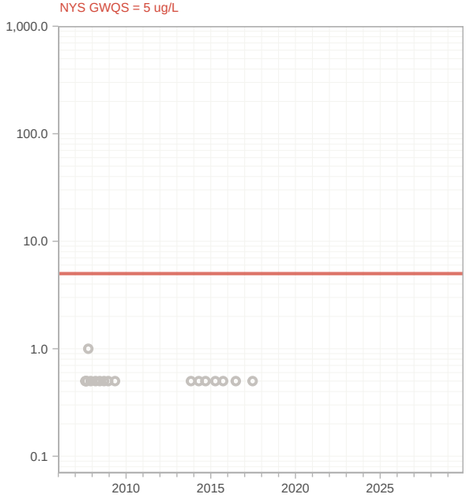
All | N = 17; ND = 15; %ND = 88.2; M−K = no trend

Toluene (ug/L)



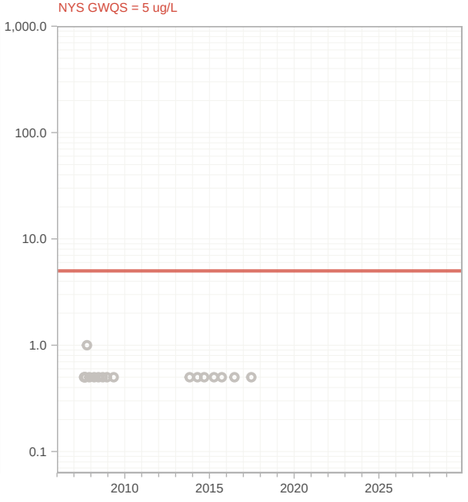
All | N = 17; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



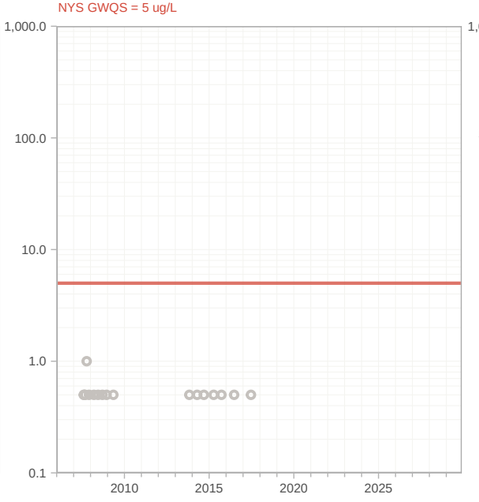
All | N = 17; ND = 17; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



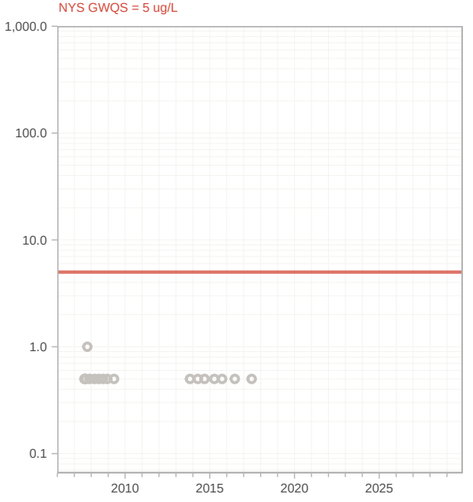
All | N = 17; ND = 17; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 17; ND = 17; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 17; ND = 17; %ND = 100; M−K = no trend

Notes:
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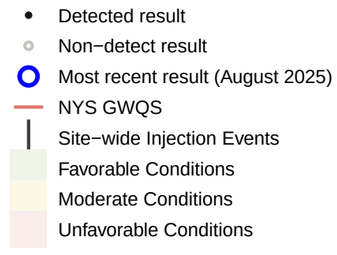
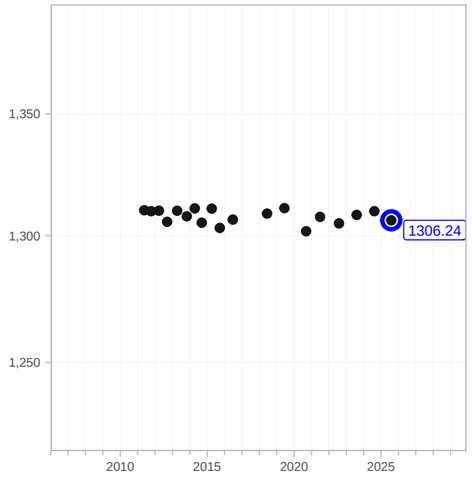


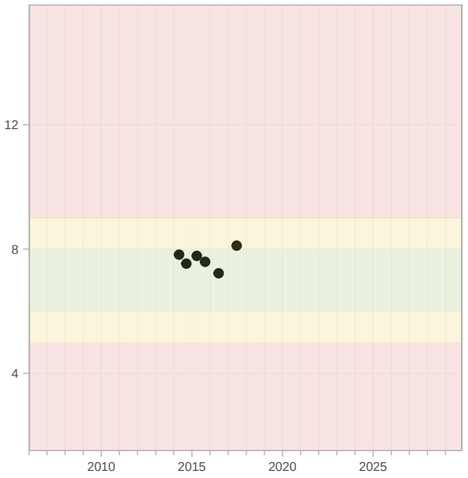
BP−14D PORT 5 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



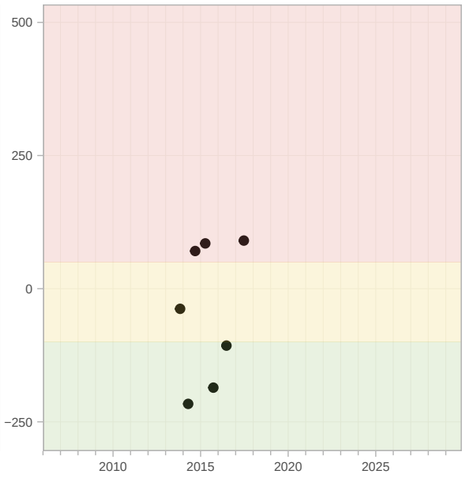
All | N = 19; ND = 0; %ND = 0; M−K = stable

pH (SU)



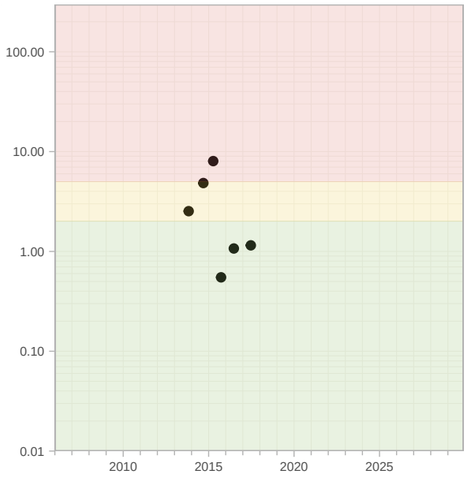
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Oxidation/Reduction Potential (mV)



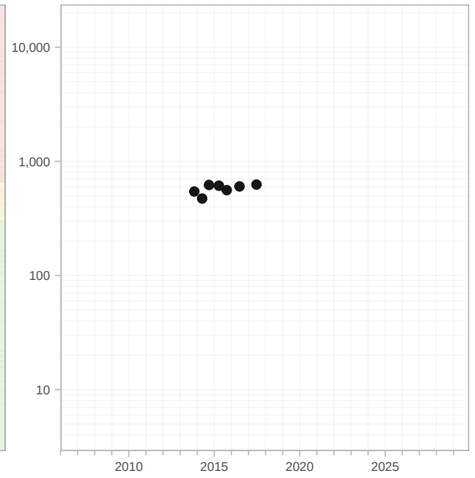
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Dissolved Oxygen (mg/L)



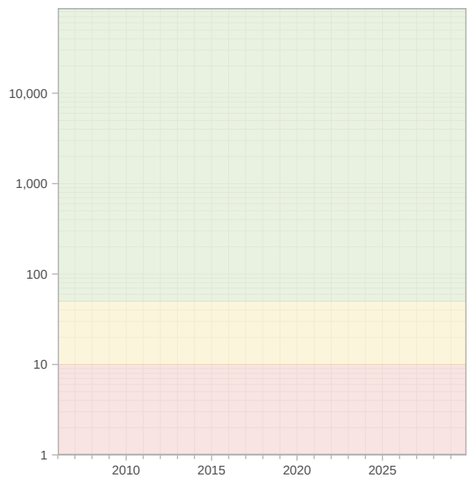
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



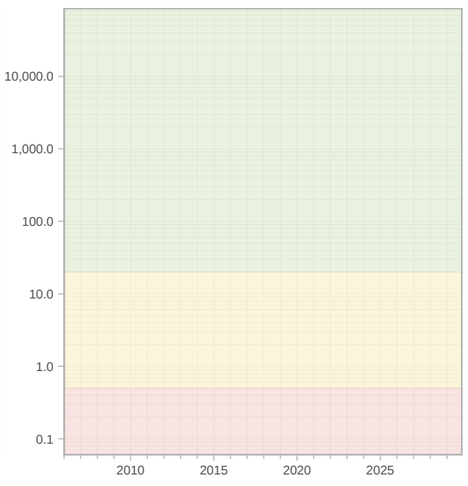
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Sulfide



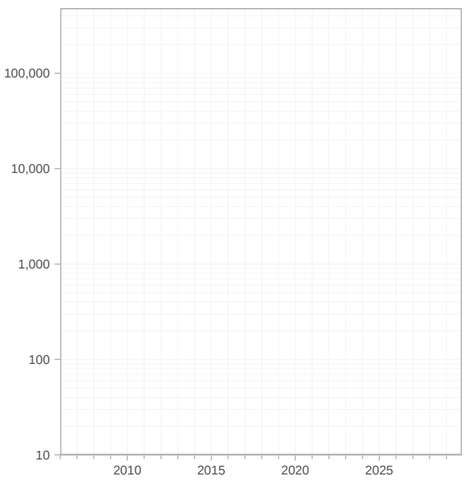
No Data

Methane



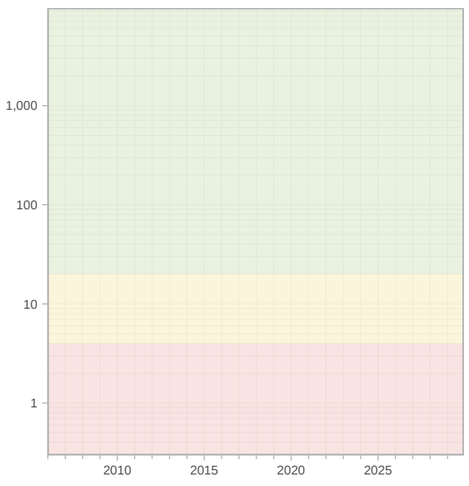
No Data

Iron − Ferrous



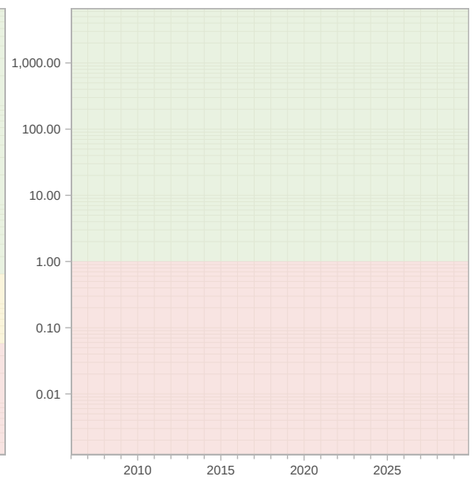
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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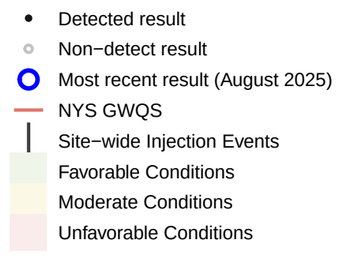
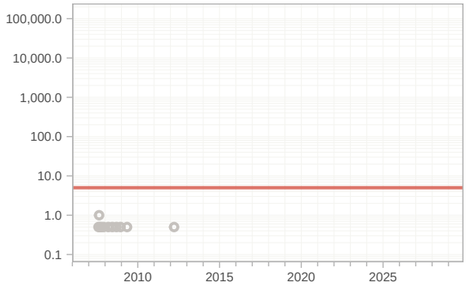


BP−14D PORT 6 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

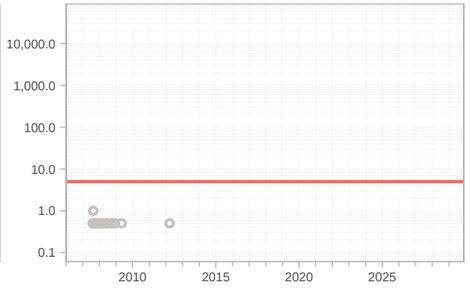
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

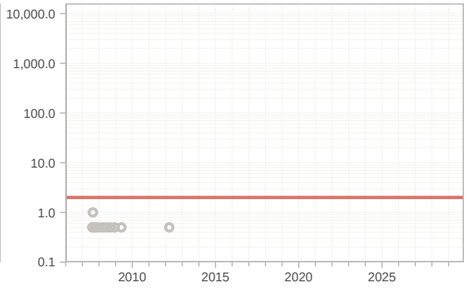
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

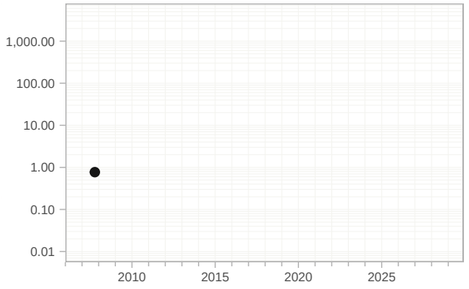
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



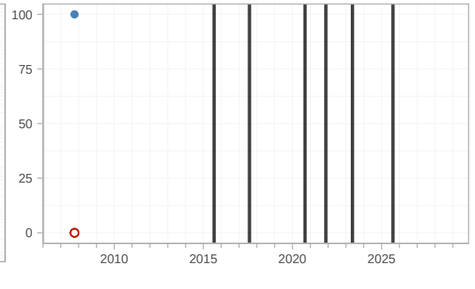
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



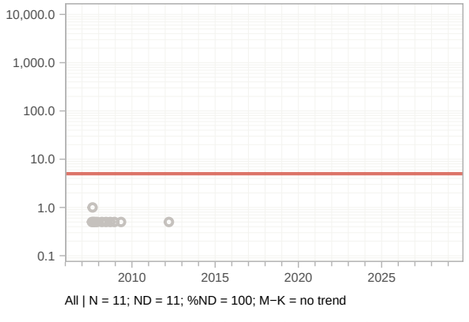
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

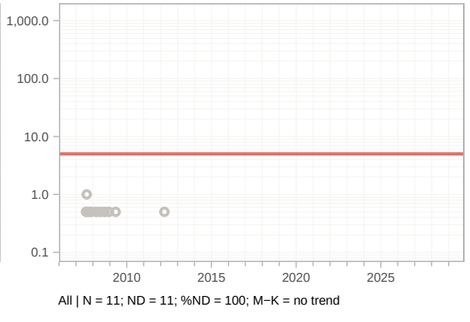
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

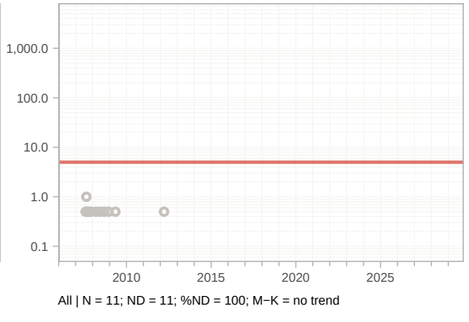
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

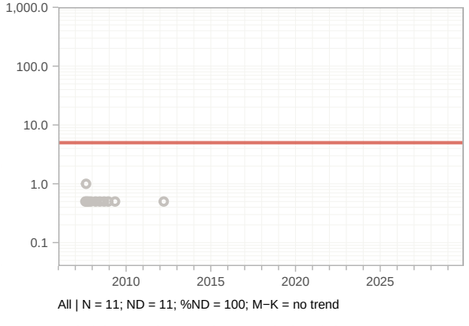
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

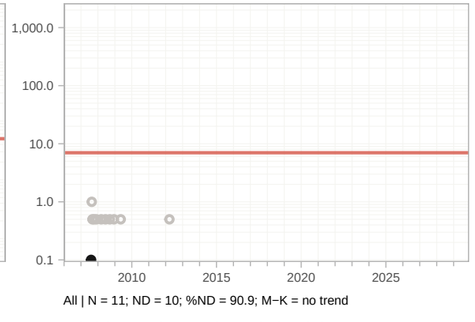
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

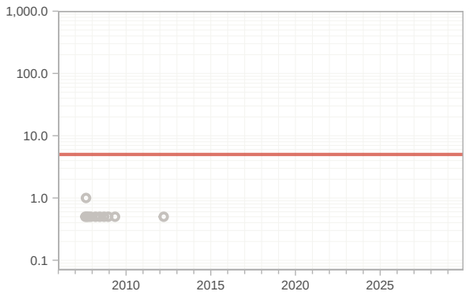
NYS GWQS = 7 ug/L



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

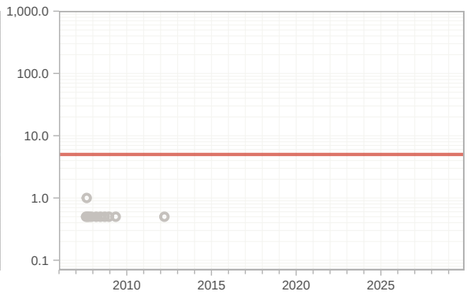
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloromethane (ug/L)

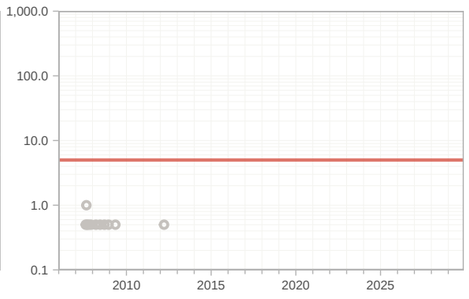
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

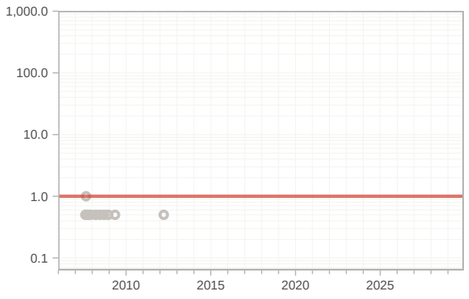
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

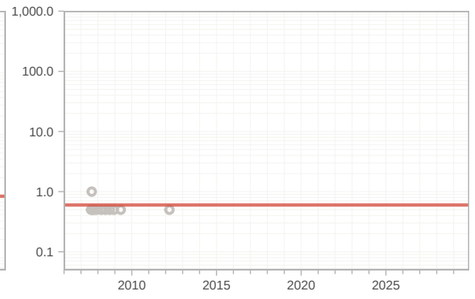
NYS GWQS = 1 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

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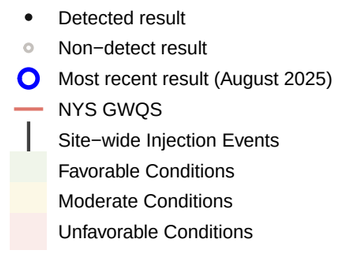
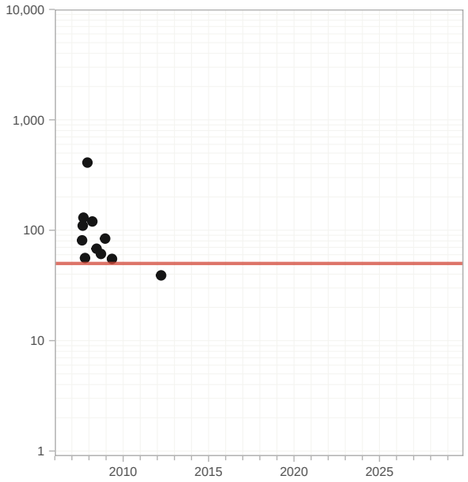


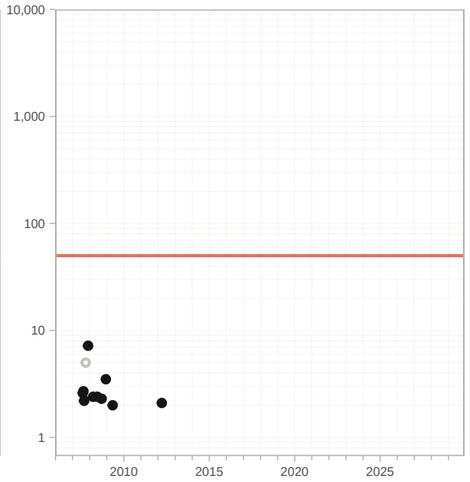
BP−14D PORT 6 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



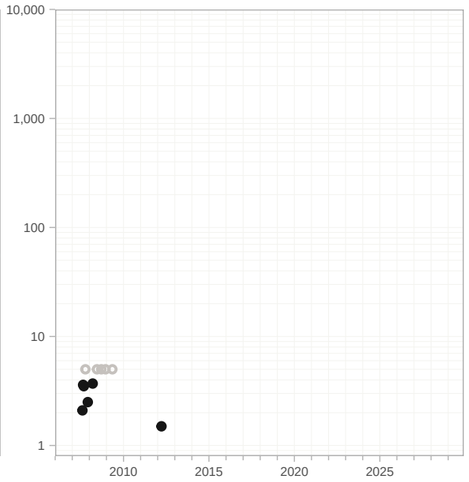
All | N = 11; ND = 0; %ND = 0; M−K = probably decreasing

Butanone (2−) (MEK) (ug/L)



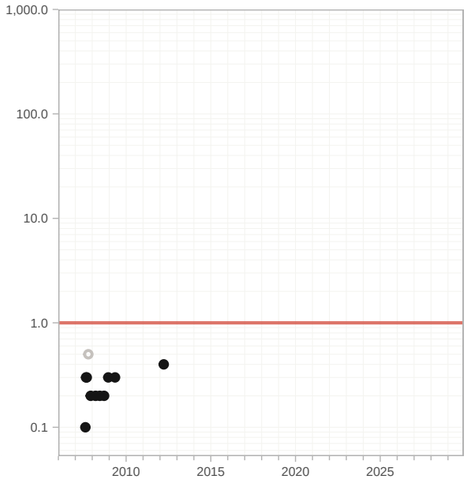
All | N = 11; ND = 1; %ND = 9.1; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



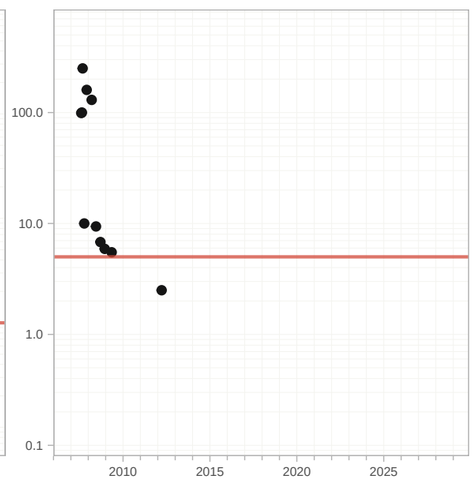
All | N = 11; ND = 5; %ND = 45.5; M−K = stable

Benzene (ug/L)



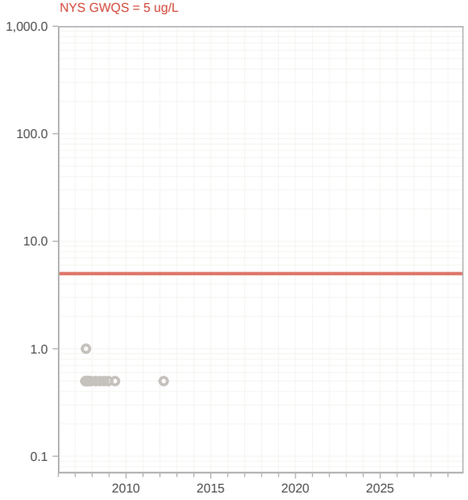
All | N = 11; ND = 1; %ND = 9.1; M−K = stable

Toluene (ug/L)



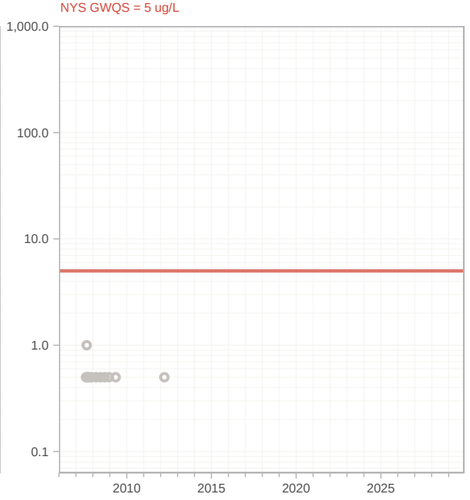
All | N = 11; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



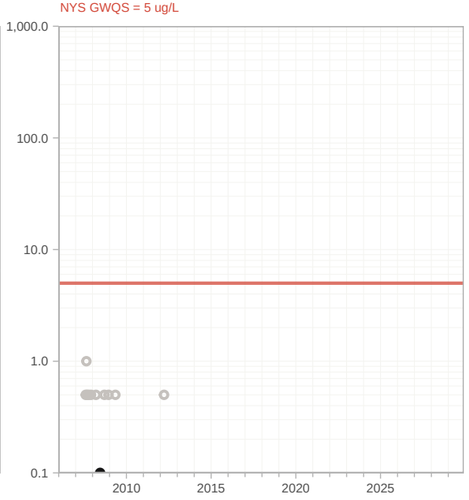
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



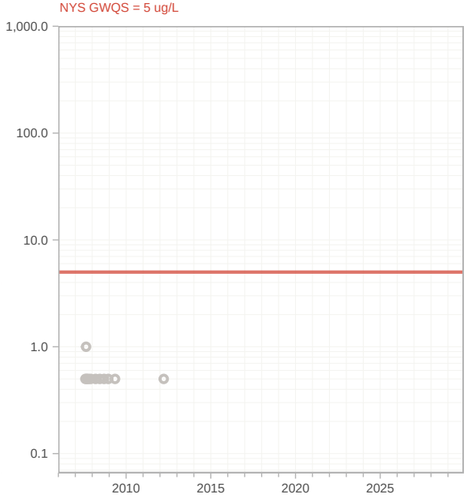
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Xylene (o−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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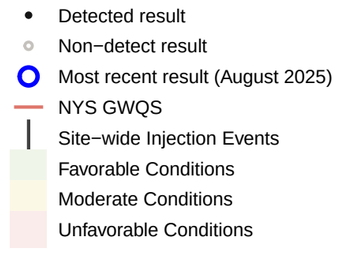
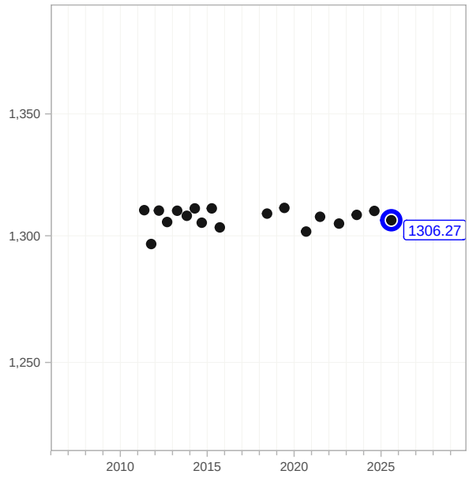
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



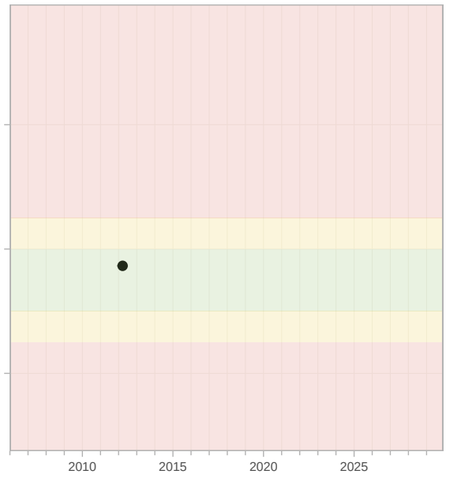
BP−14D PORT 6 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



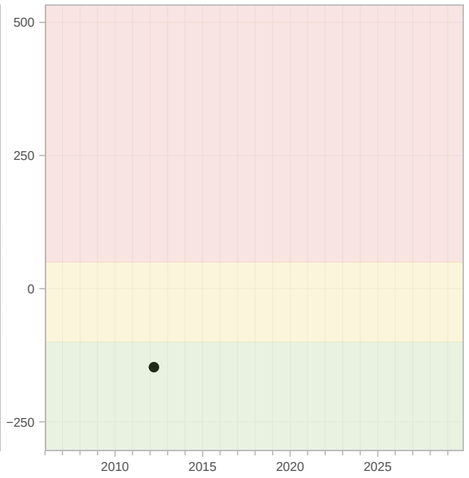
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH (SU)



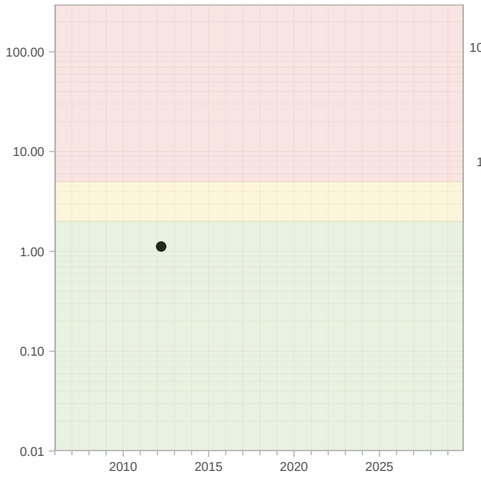
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



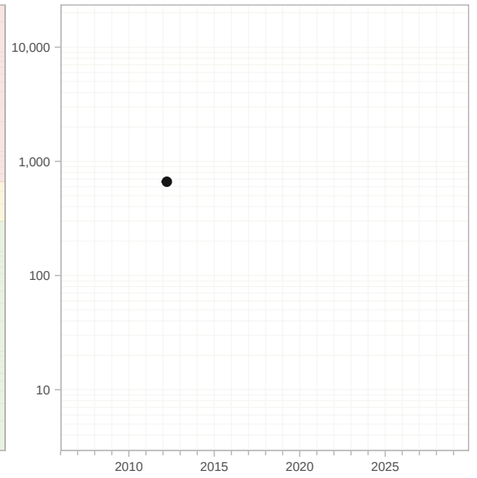
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



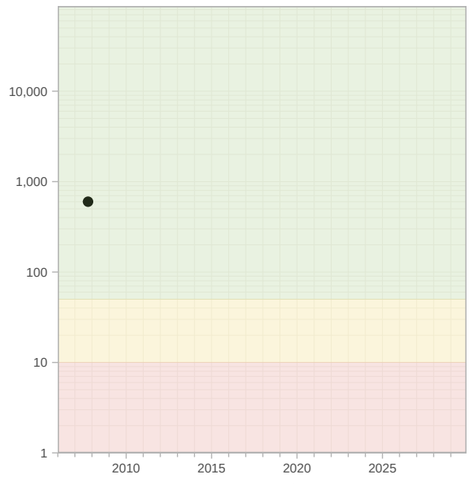
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



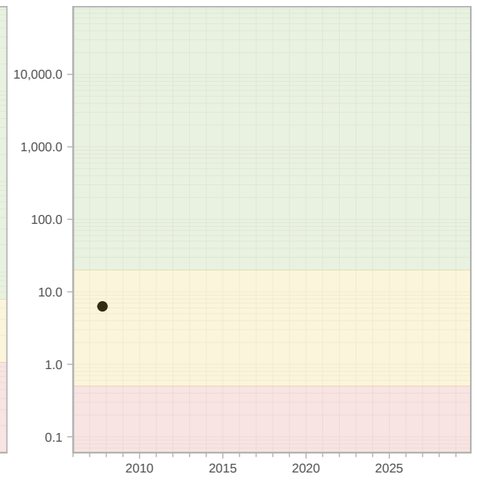
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Sulfide (ug/L)



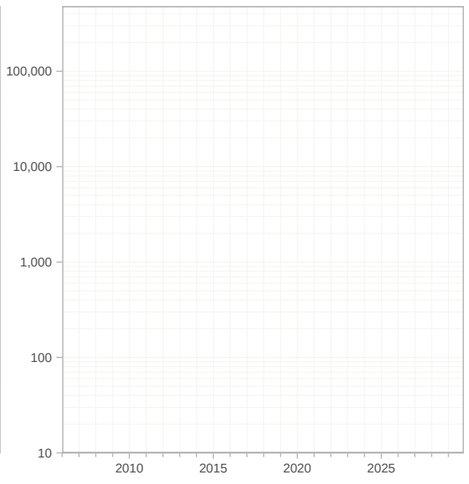
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



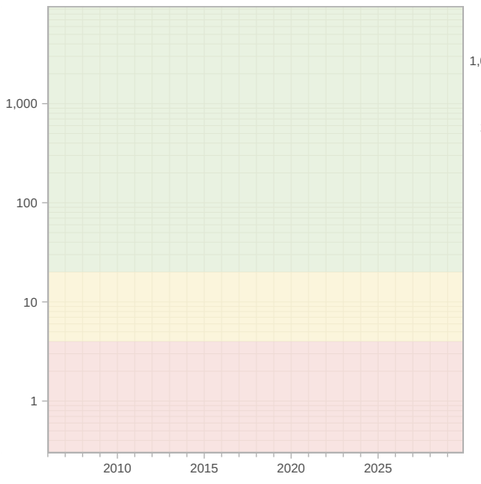
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



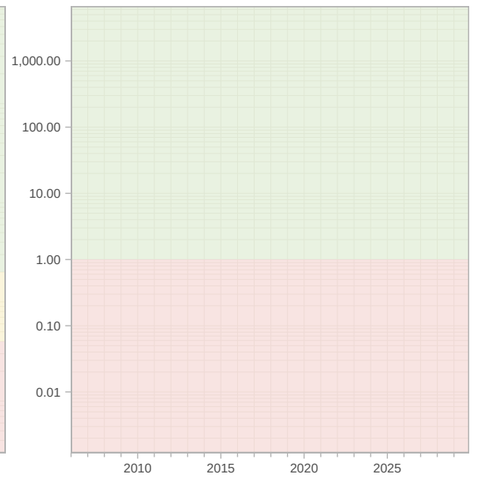
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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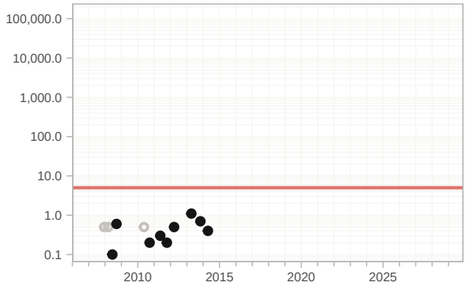
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−15D PORT 1 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

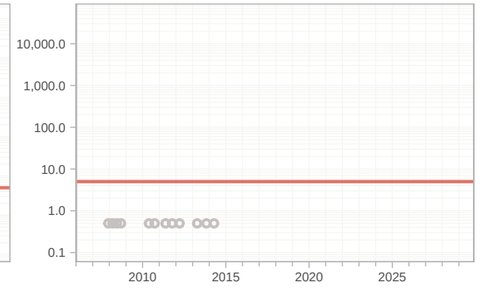
NYS GWQS = 5 ug/L



All | N = 12; ND = 3; %ND = 25; M−K = probably increasing

Dichloroethene (cis−1,2−) (ug/L)

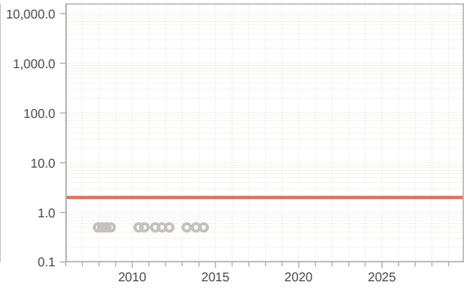
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

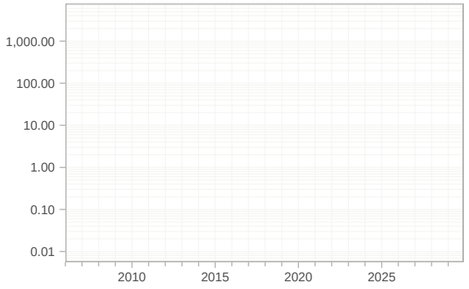
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



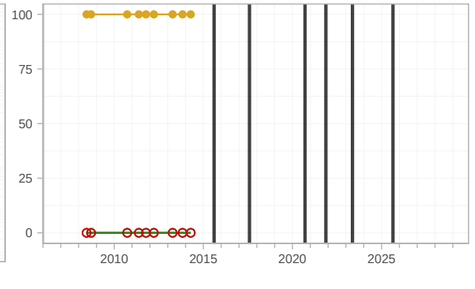
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethane + Ethene



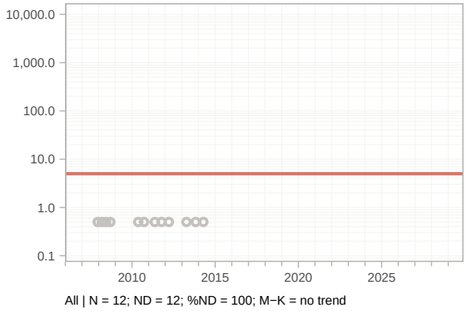
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

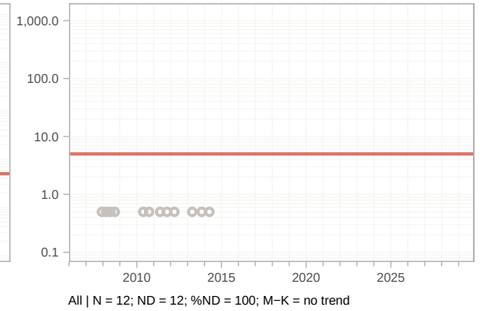
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

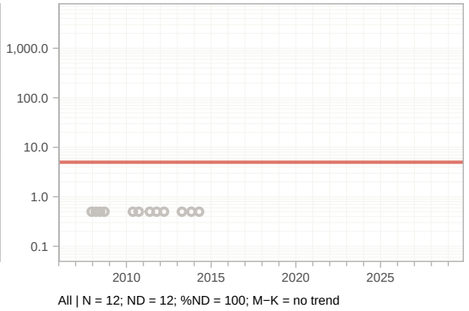
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

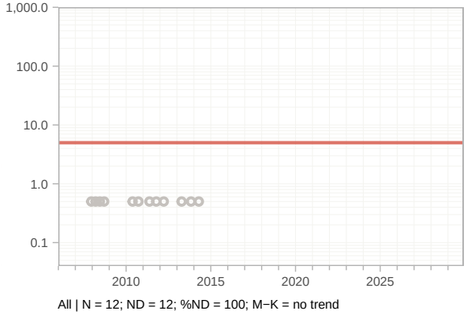
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

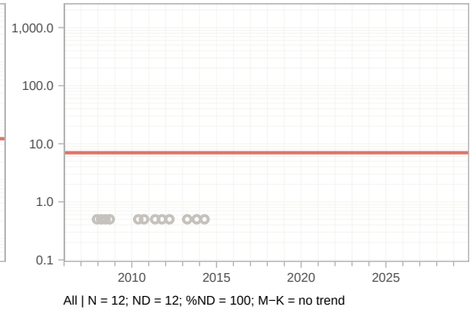
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

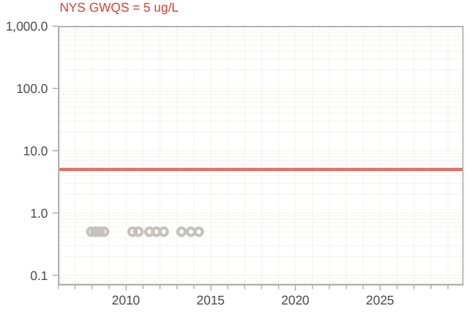
NYS GWQS = 7 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

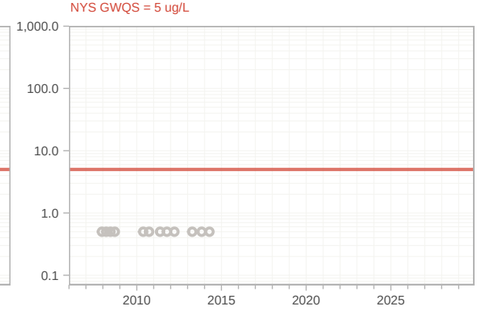
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloromethane (ug/L)

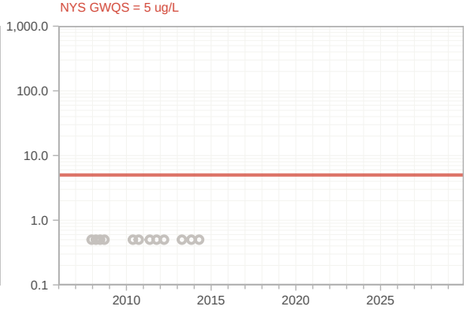
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

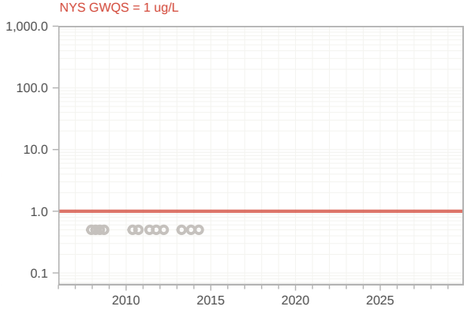
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

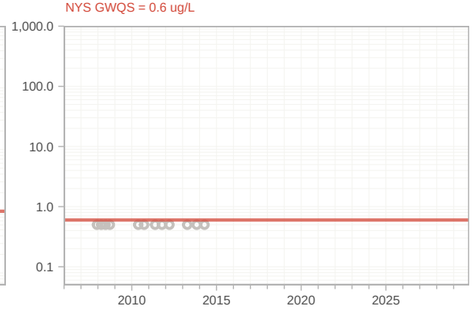
NYS GWQS = 1 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

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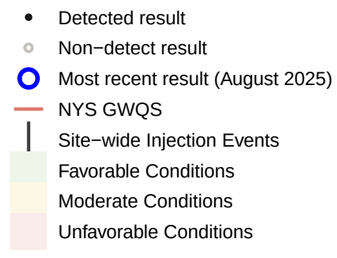
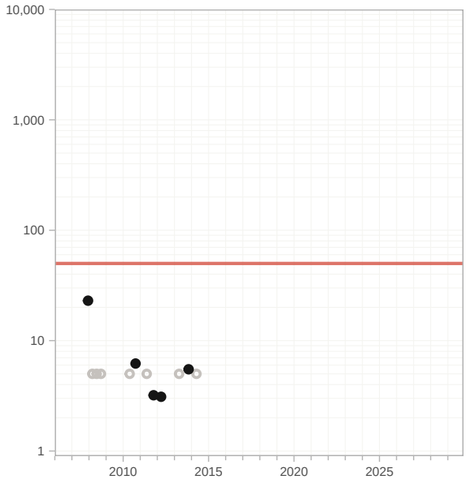
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



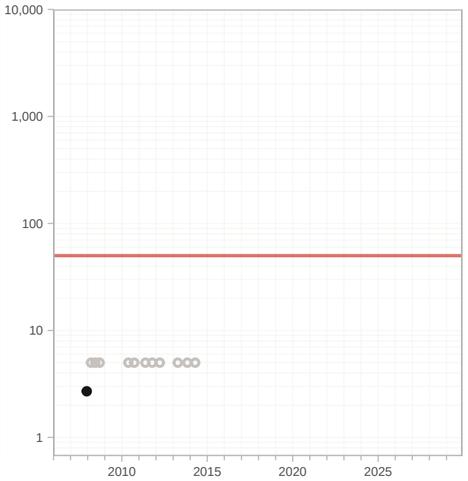
BP−15D PORT 1 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



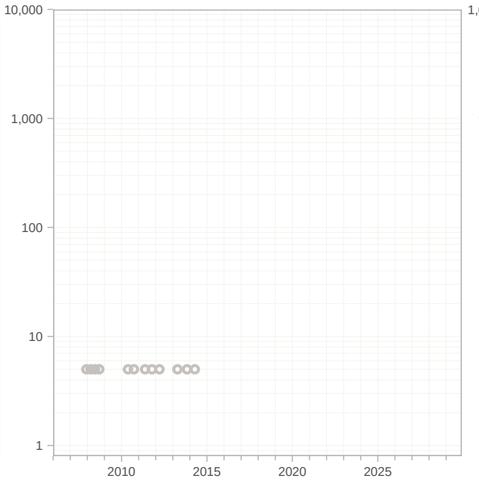
All | N = 12; ND = 7; %ND = 58.3; M−K = no trend

Butanone (2−) (MEK) (ug/L)



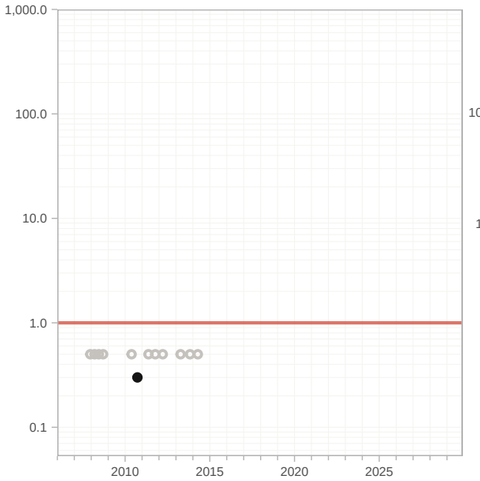
All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



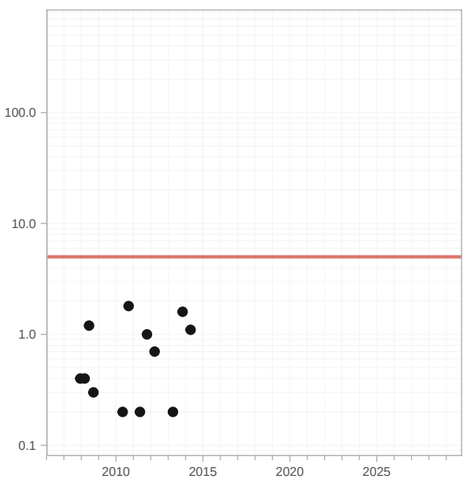
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Benzene (ug/L)



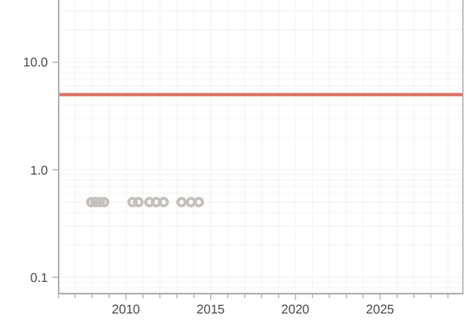
All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Toluene (ug/L)



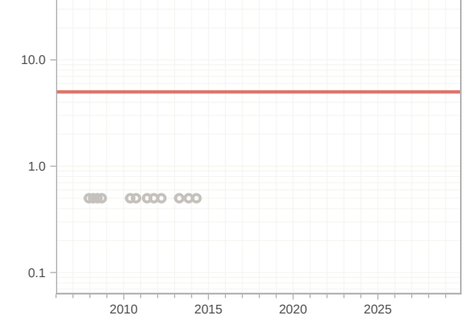
All | N = 12; ND = 0; %ND = 0; M−K = stable

Ethylbenzene (ug/L)



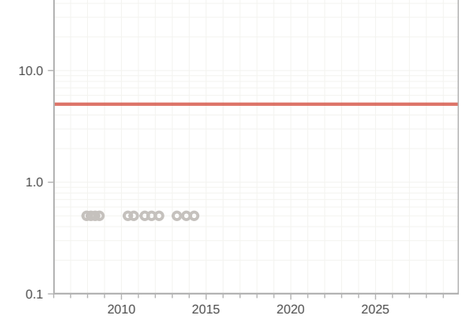
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



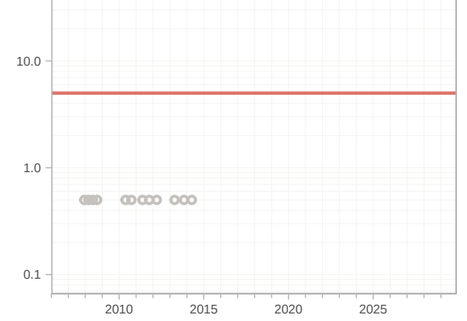
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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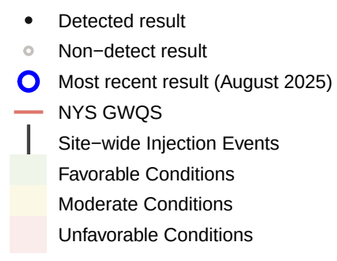
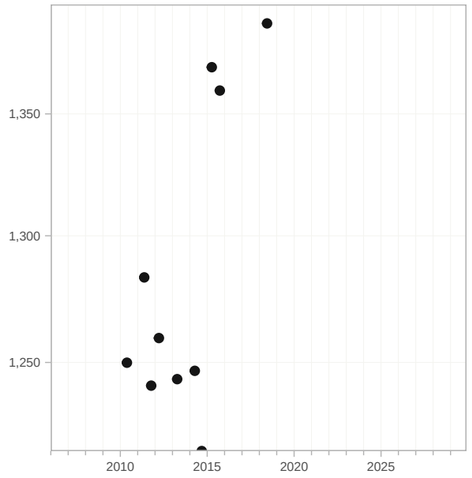


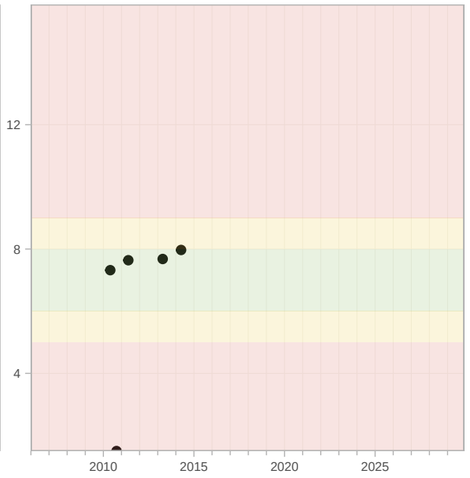
BP−15D PORT 1 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



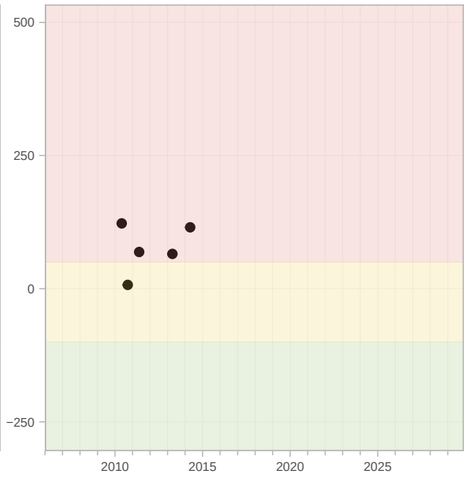
All | N = 10; ND = 0; %ND = 0; M−K = stable

pH (SU)



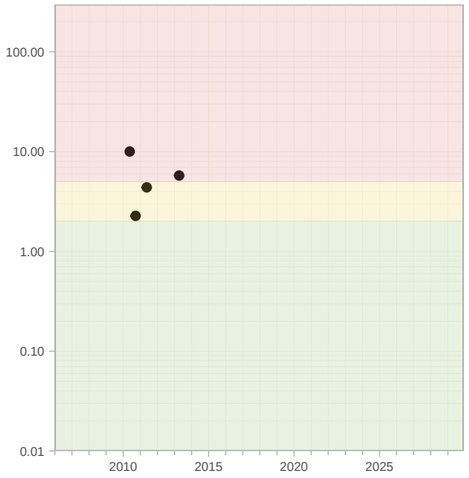
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



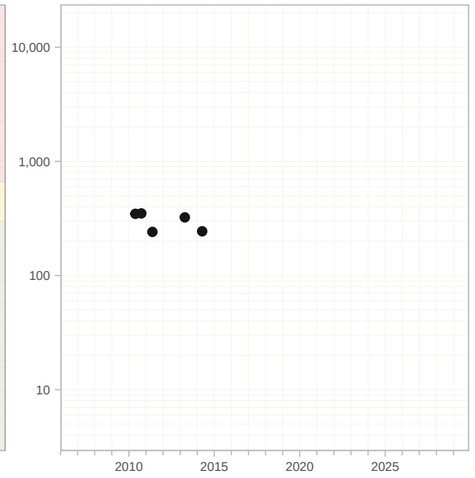
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



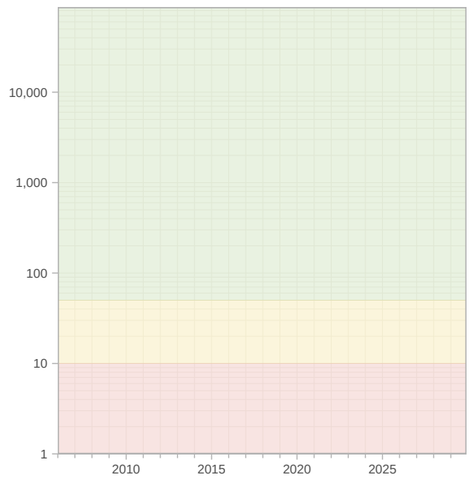
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



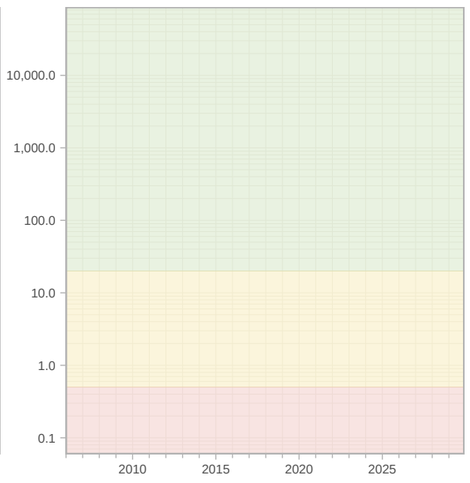
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



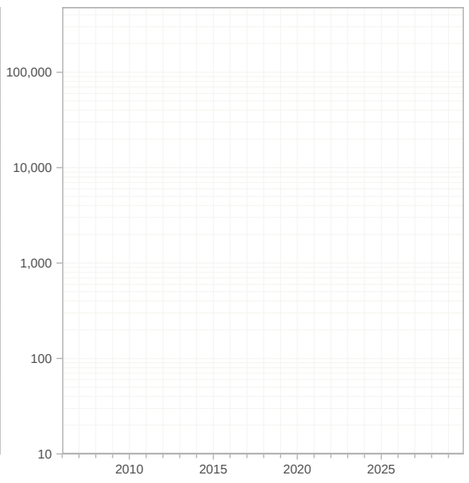
No Data

Methane



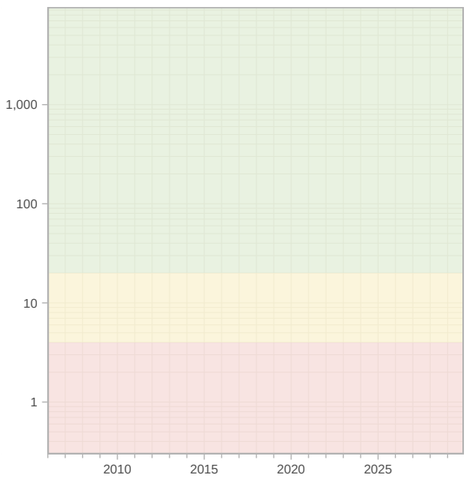
No Data

Iron − Ferrous



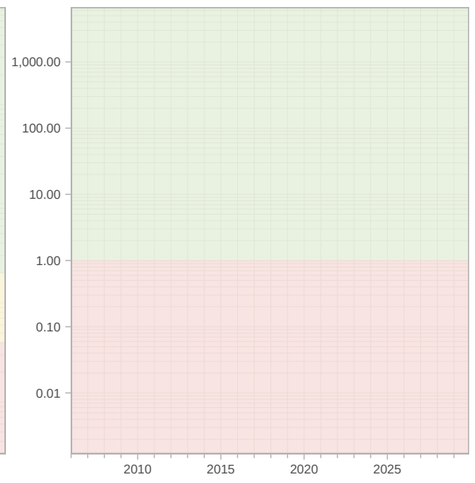
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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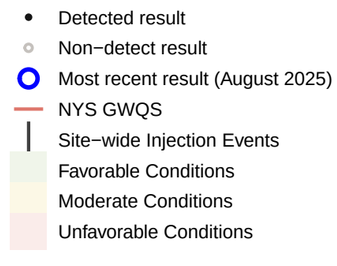
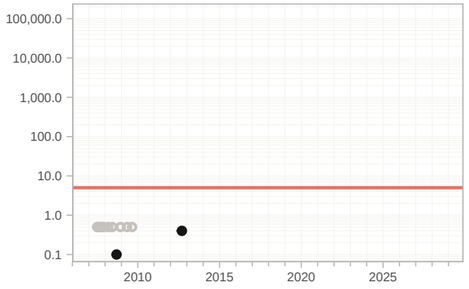


BP−15D PORT 2 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

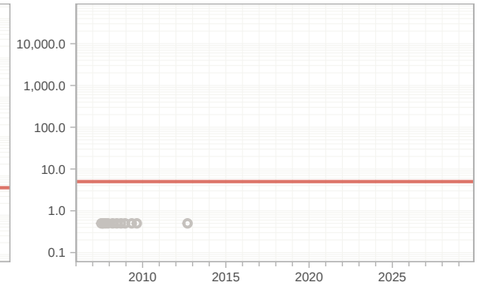
NYS GWQS = 5 ug/L



All | N = 12; ND = 10; %ND = 83.3; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

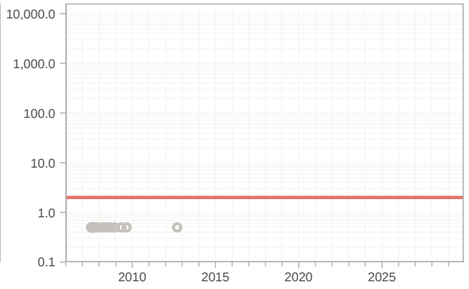
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

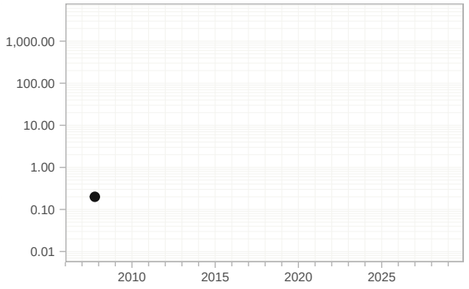
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



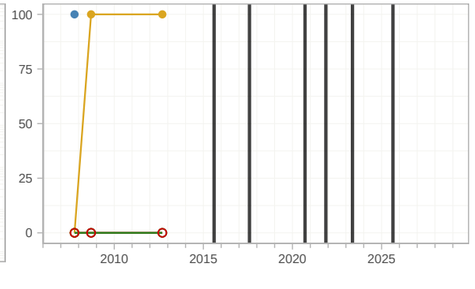
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



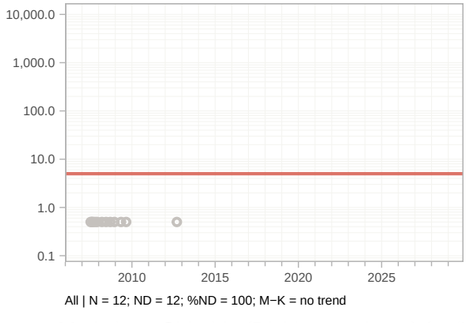
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

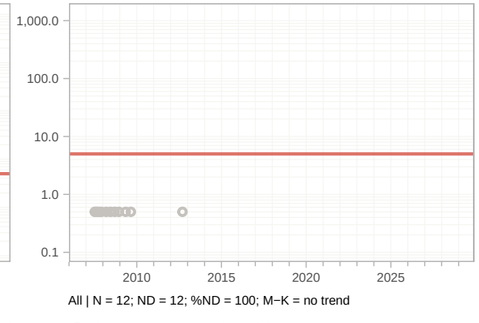
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

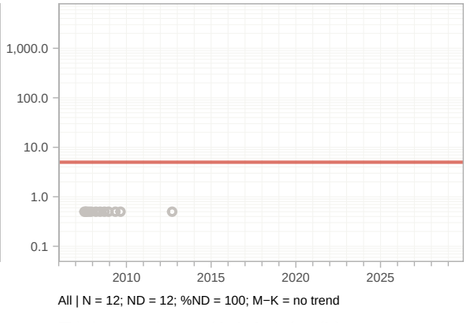
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

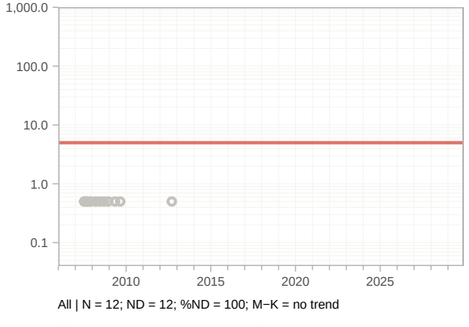
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

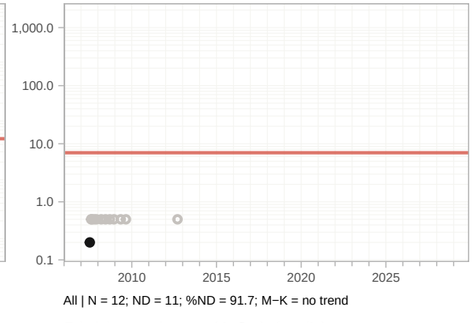
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

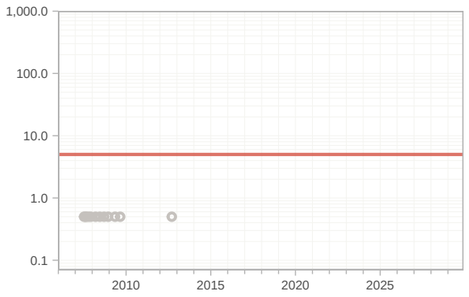
NYS GWQS = 7 ug/L



All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

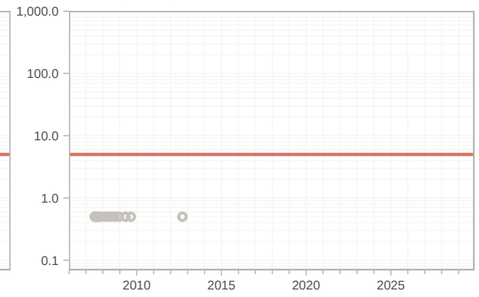
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloromethane (ug/L)

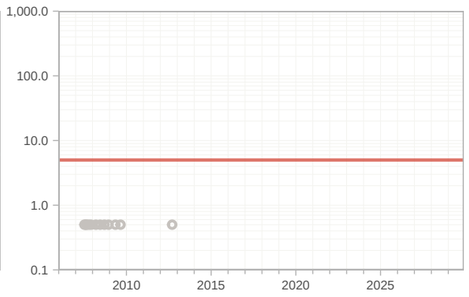
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

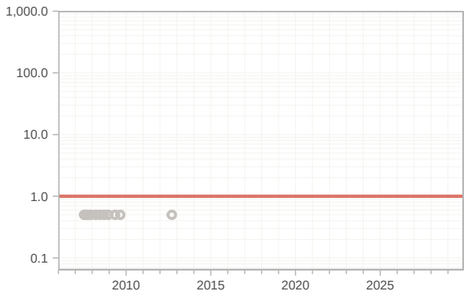
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

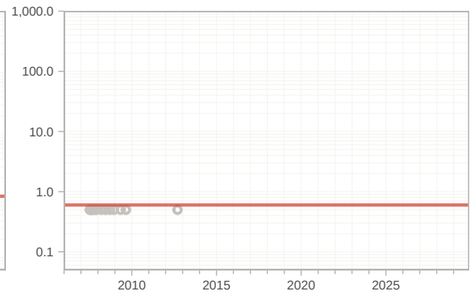
NYS GWQS = 1 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Notes:
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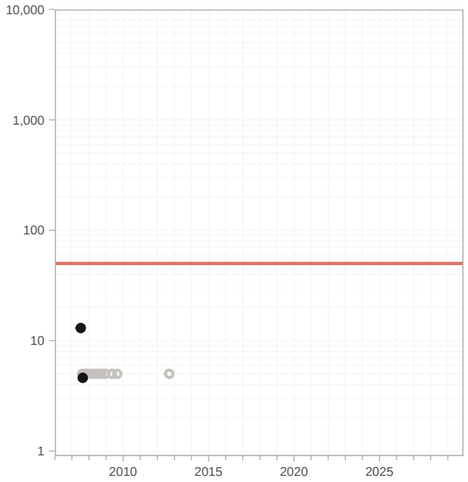
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

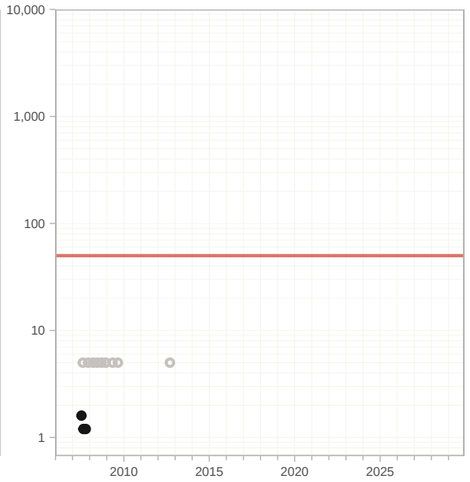
BP−15D PORT 2 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



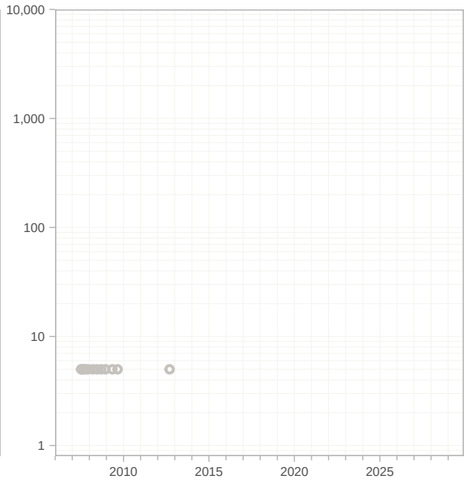
All | N = 12; ND = 10; %ND = 83.3; M−K = no trend

Butanone (2−) (MEK) (ug/L)



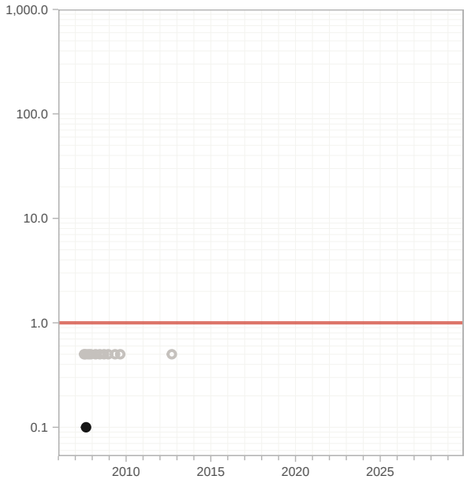
All | N = 12; ND = 9; %ND = 75; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



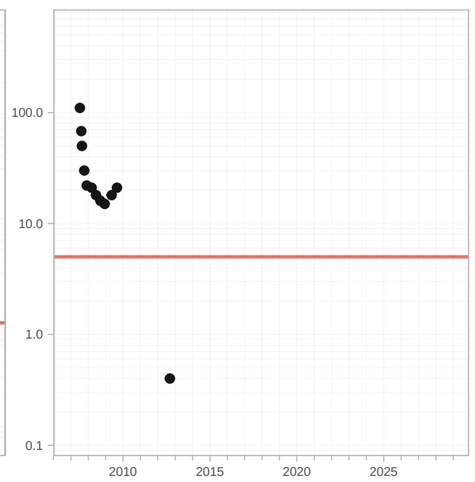
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Benzene (ug/L)



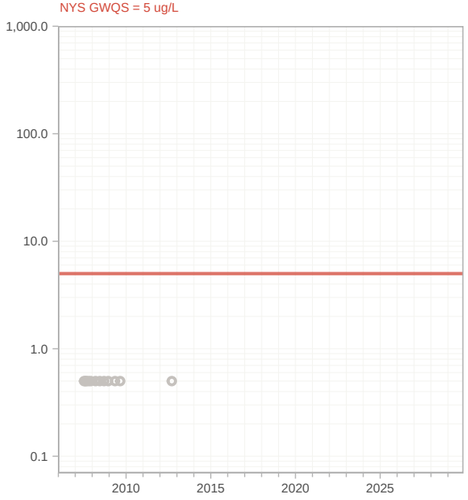
All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Toluene (ug/L)



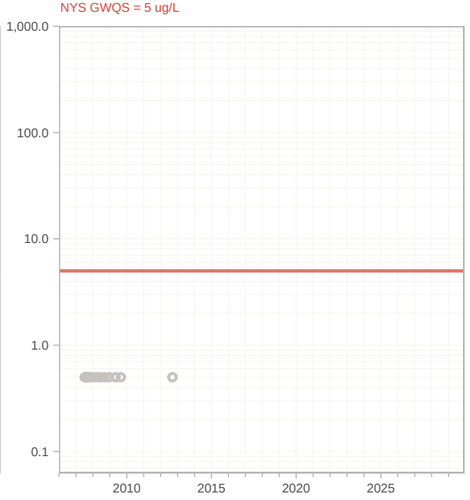
All | N = 12; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



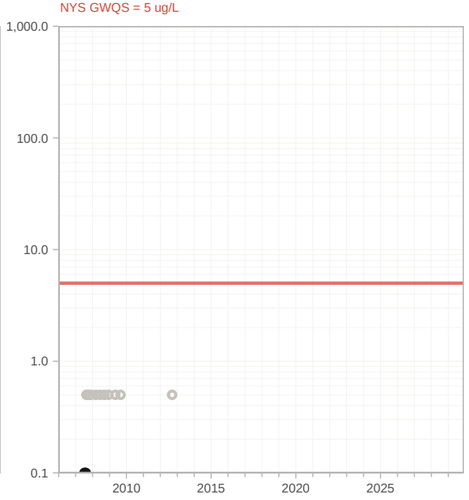
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



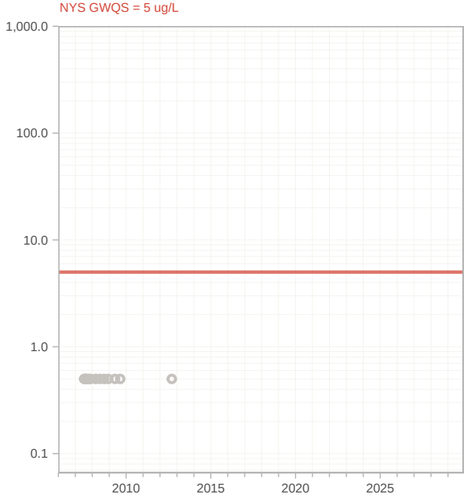
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 12; ND = 10; %ND = 83.3; M−K = no trend

Xylene (o−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

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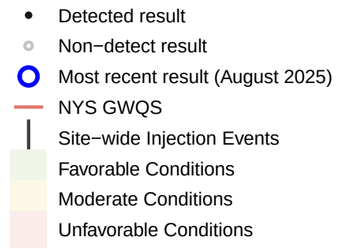
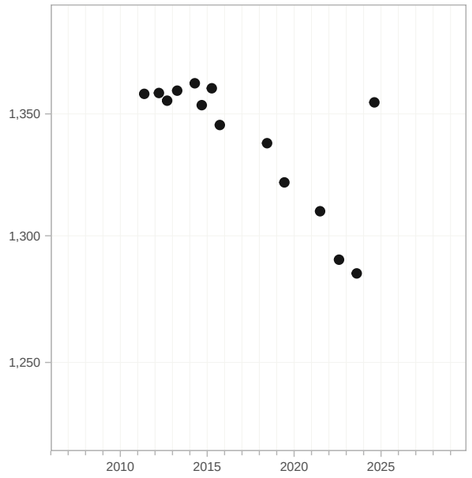


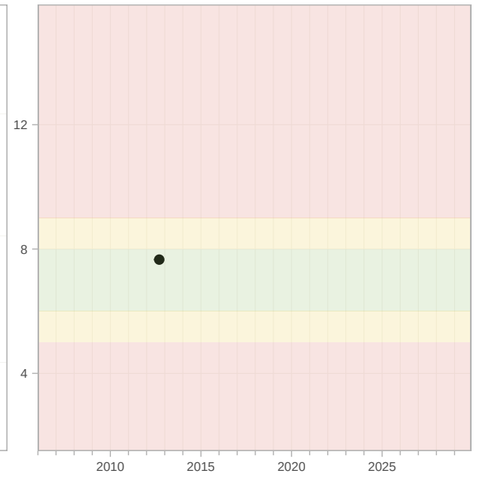
BP−15D PORT 2 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



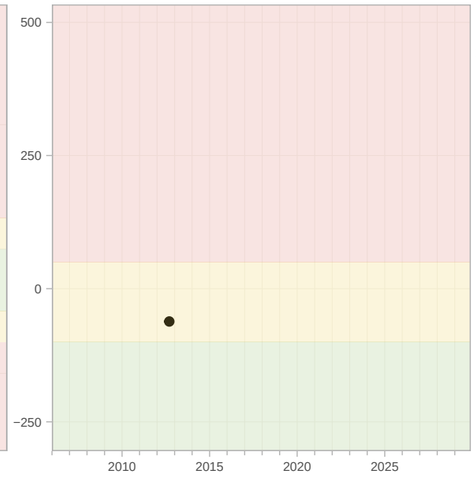
All | N = 14; ND = 0; %ND = 0; M−K = strong decreasing

pH (SU)



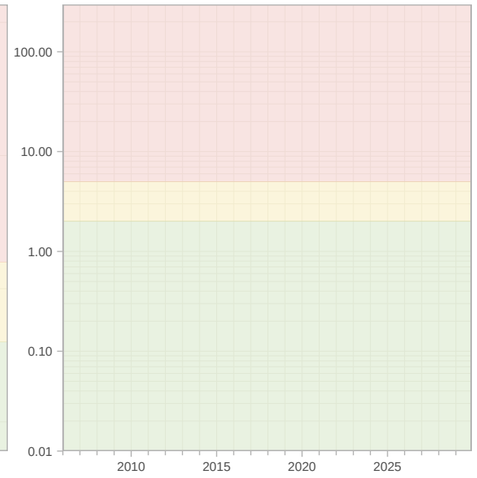
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



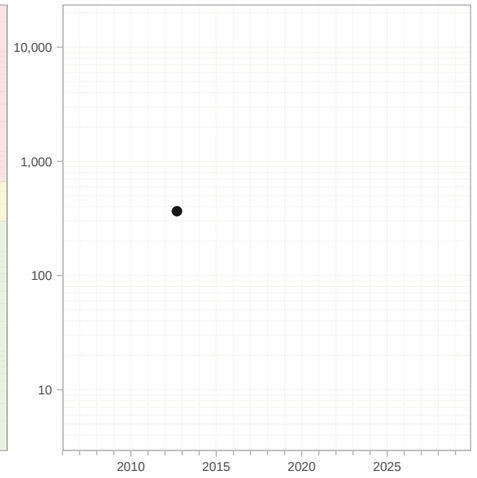
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen



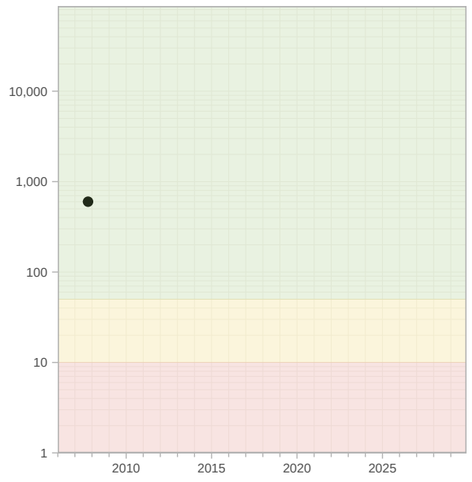
No Data

Specific Conductance (uS/cm)



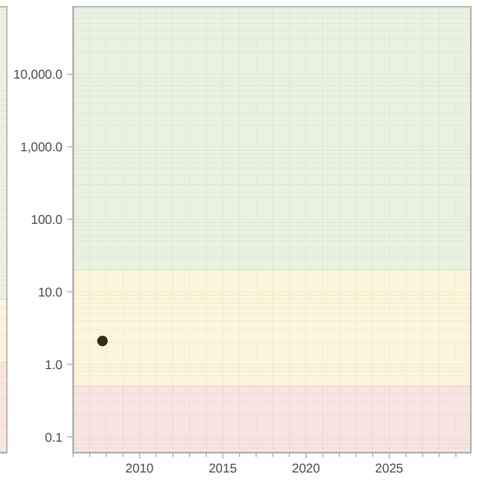
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Sulfide (ug/L)



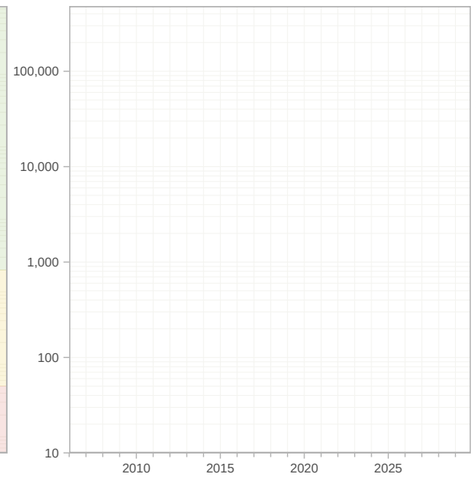
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



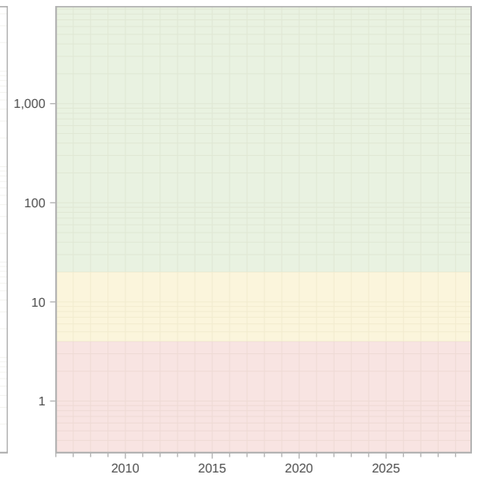
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



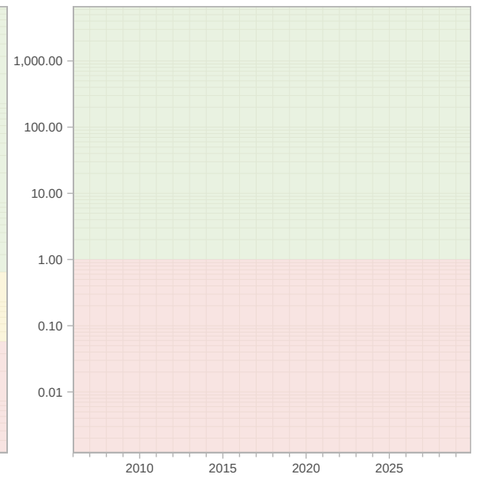
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

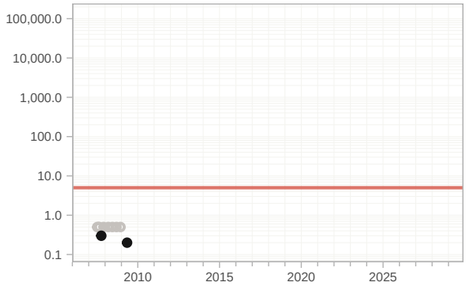
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−15D PORT 3 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

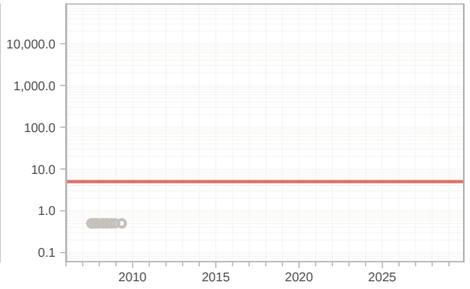
NYS GWQS = 5 ug/L



All | N = 10; ND = 8; %ND = 80; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

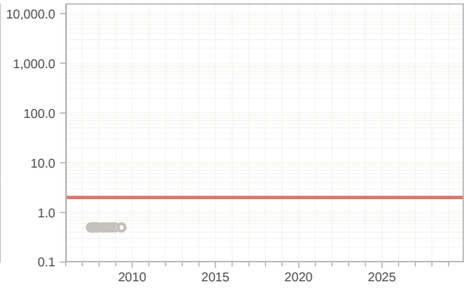
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

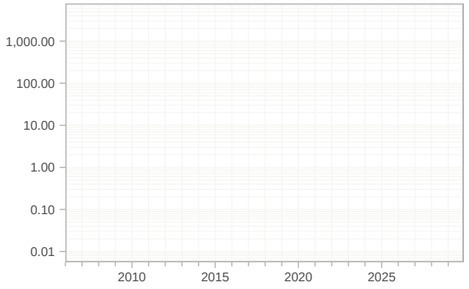
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



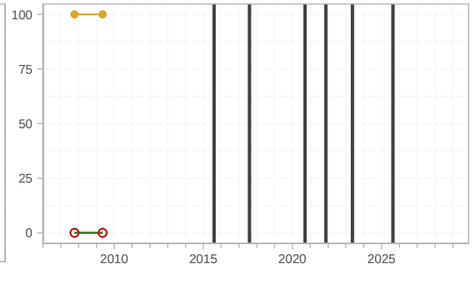
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Ethane + Ethene



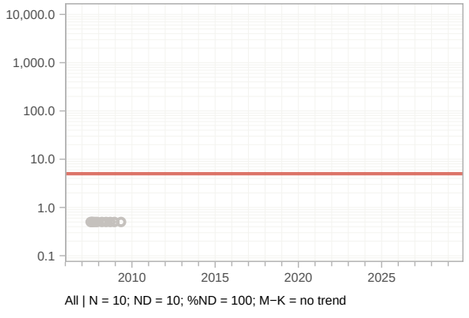
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

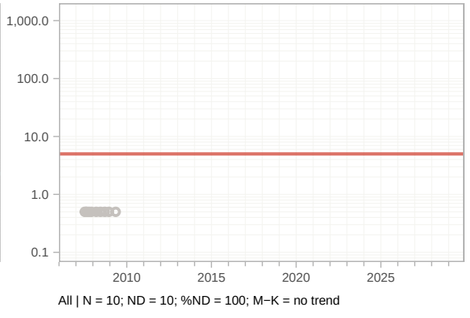
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

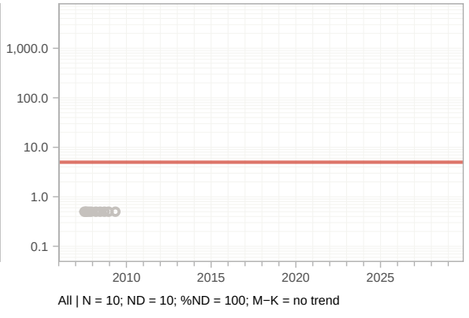
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

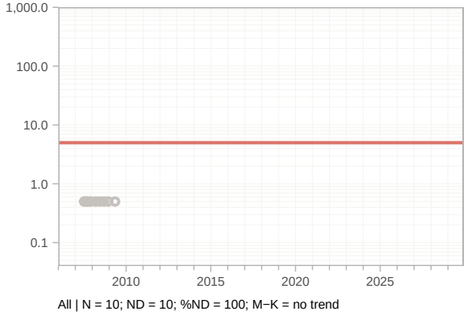
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

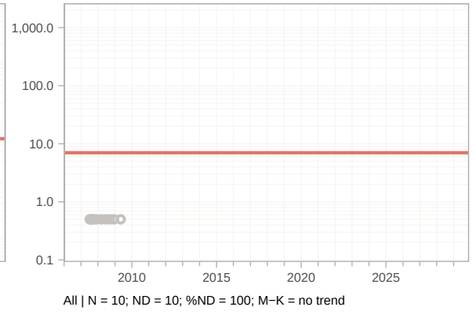
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

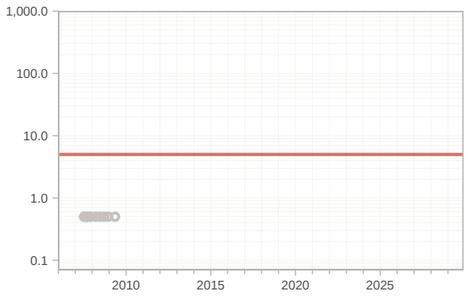
NYS GWQS = 7 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

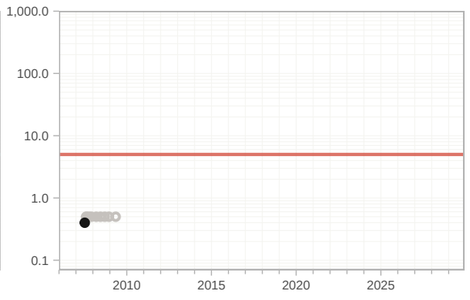
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloromethane (ug/L)

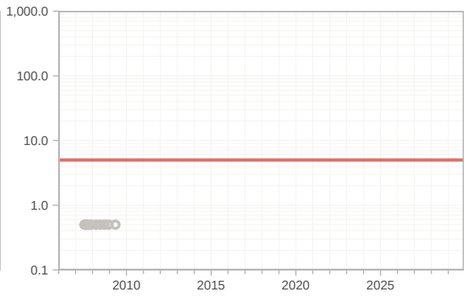
NYS GWQS = 5 ug/L



All | N = 10; ND = 9; %ND = 90; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

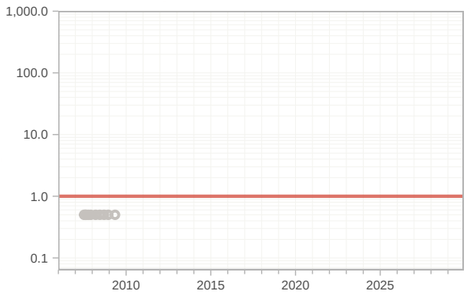
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

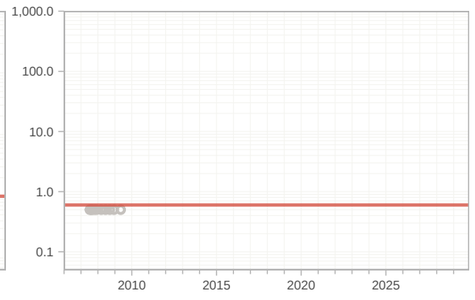
NYS GWQS = 1 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Notes:
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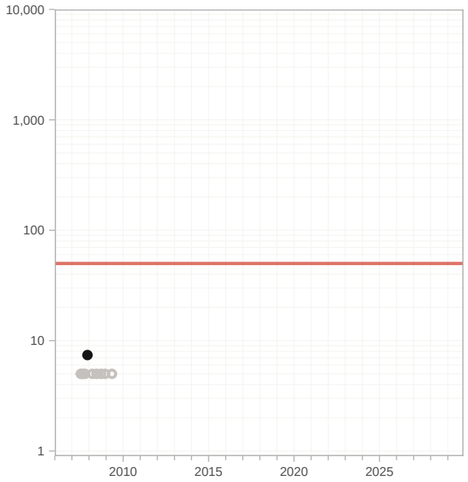
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

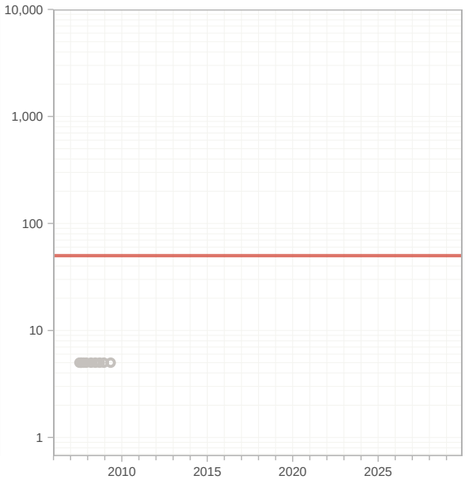
BP−15D PORT 3 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



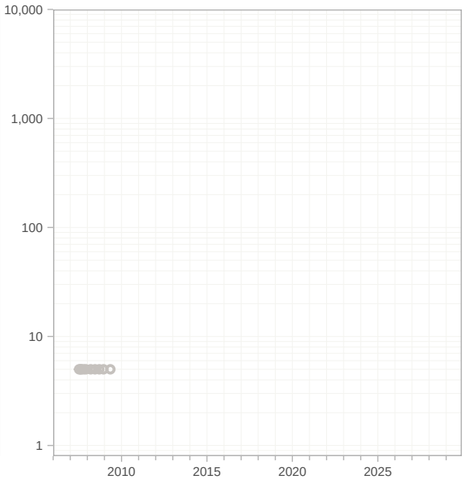
All | N = 10; ND = 9; %ND = 90; M−K = no trend

Butanone (2−) (MEK) (ug/L)



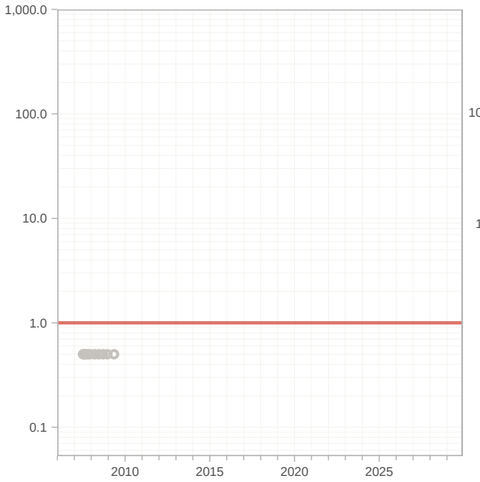
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



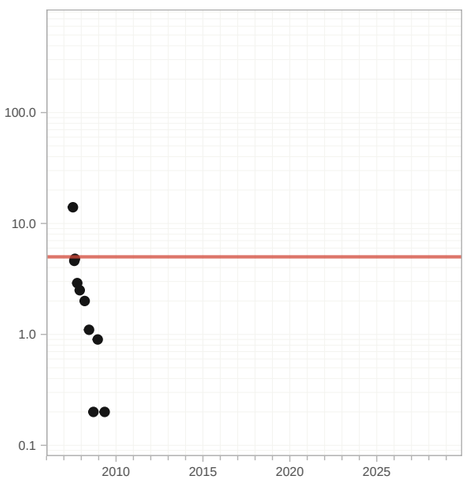
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Benzene (ug/L)



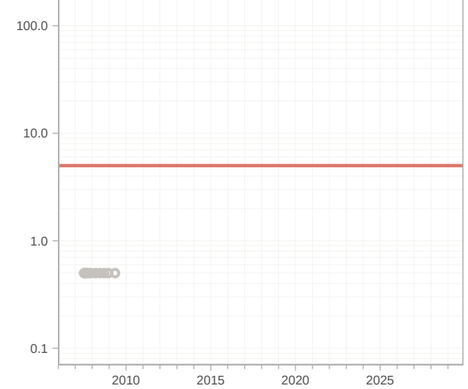
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Toluene (ug/L)



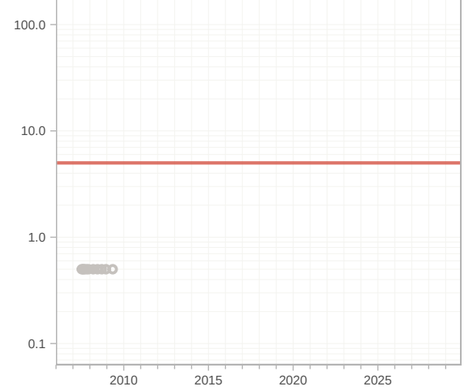
All | N = 10; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



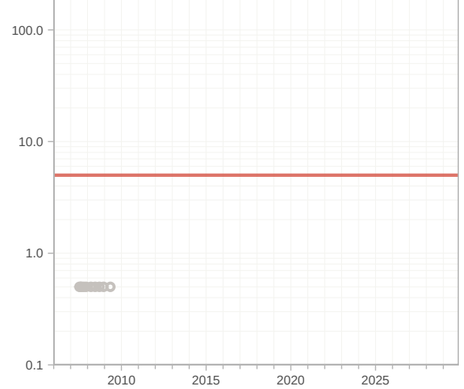
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



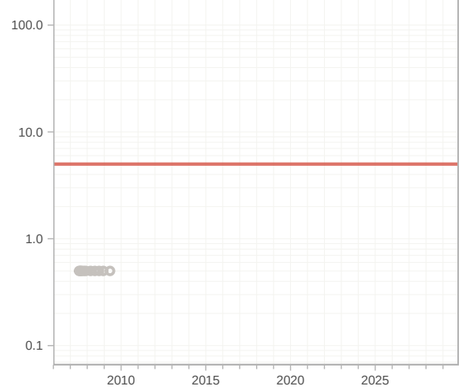
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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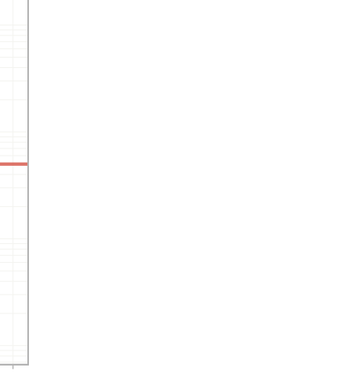
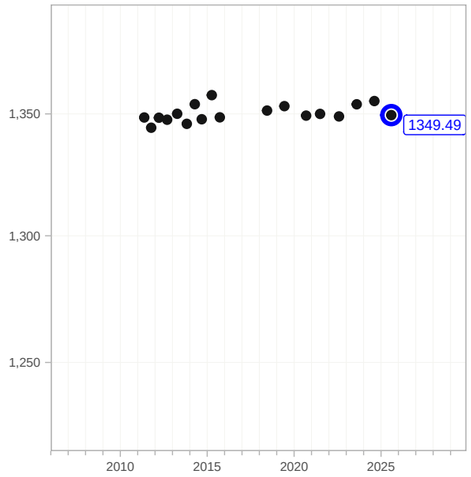


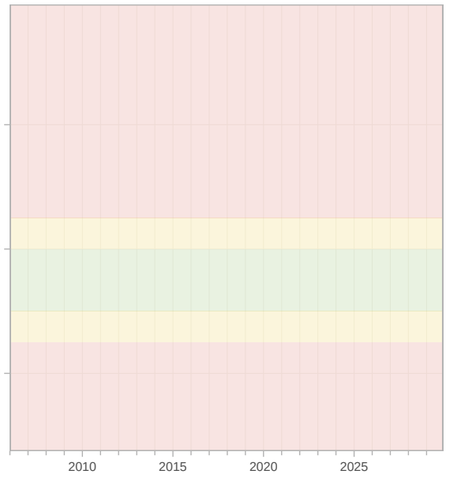
BP−15D PORT 3 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



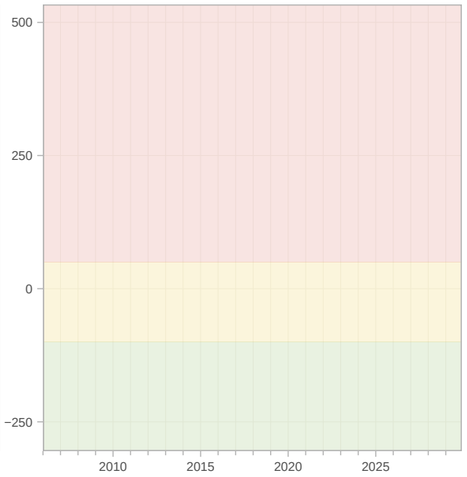
All | N = 18; ND = 0; %ND = 0; M−K = increasing

pH



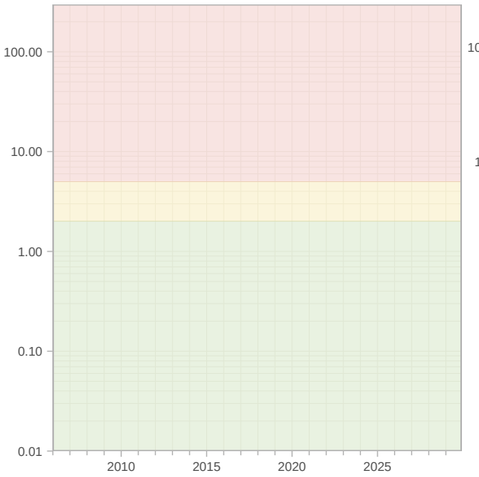
No Data

Oxidation/Reduction Potential



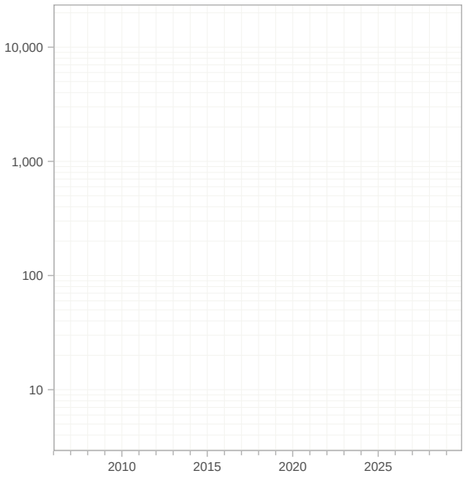
No Data

Dissolved Oxygen



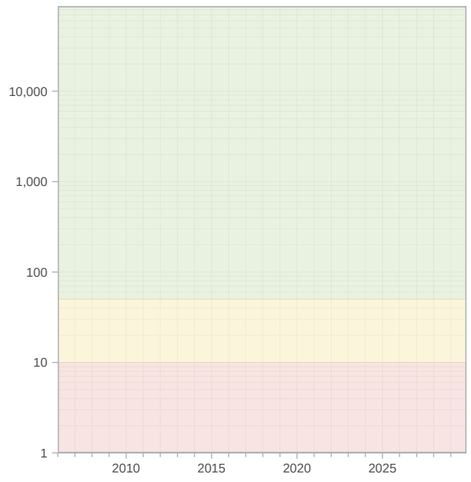
No Data

Specific Conductance



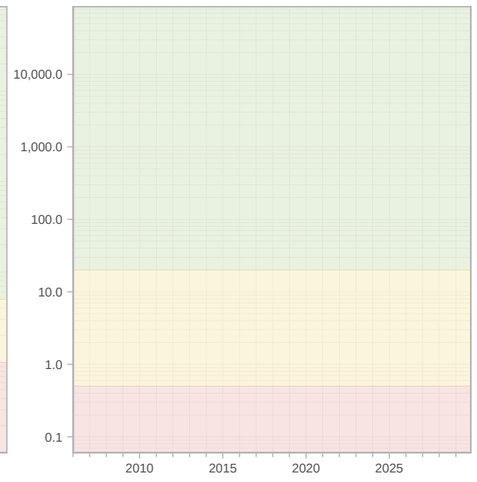
No Data

Sulfide



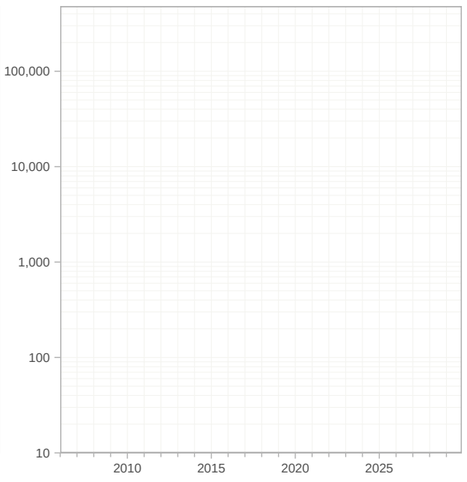
No Data

Methane



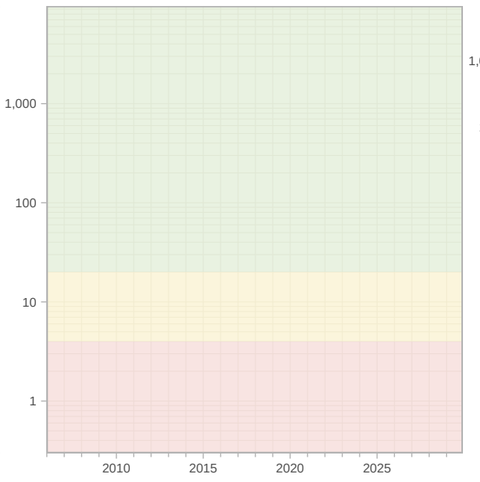
No Data

Iron − Ferrous



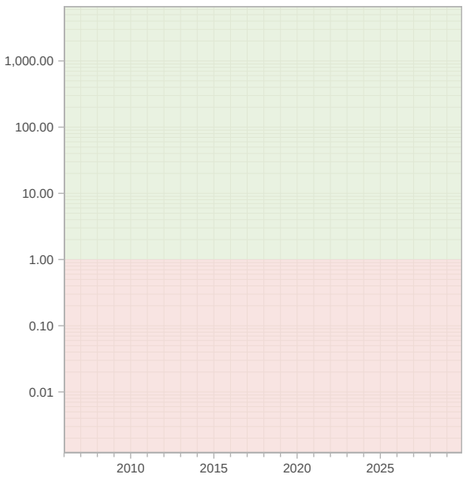
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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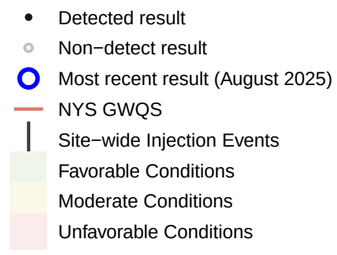
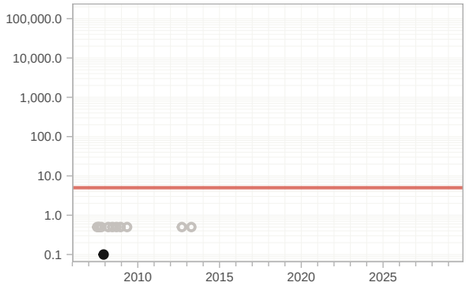
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−15D PORT 4 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

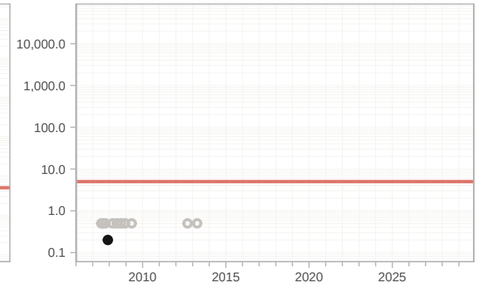
NYS GWQS = 5 ug/L



All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

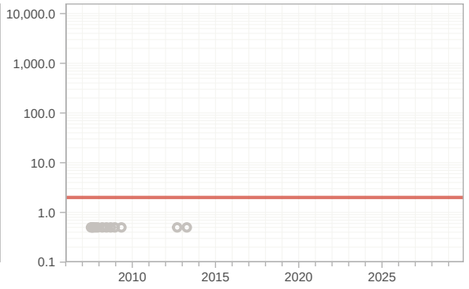
NYS GWQS = 5 ug/L



All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

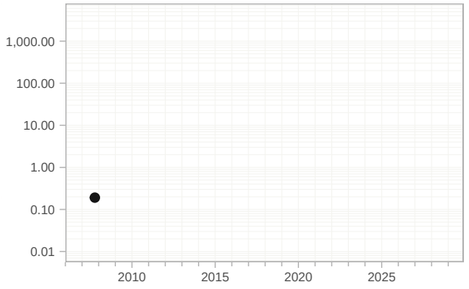
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



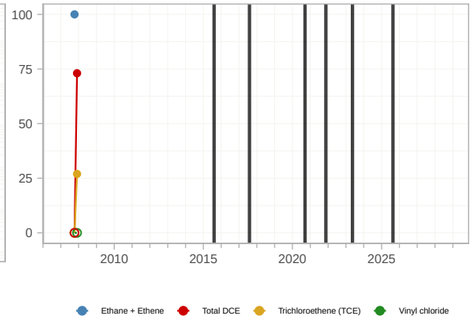
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



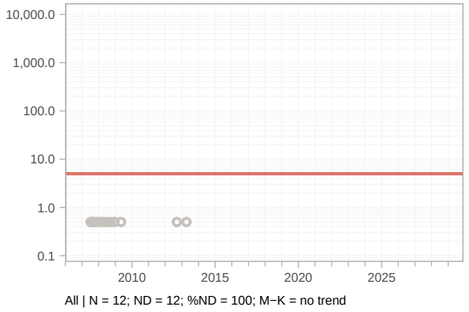
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

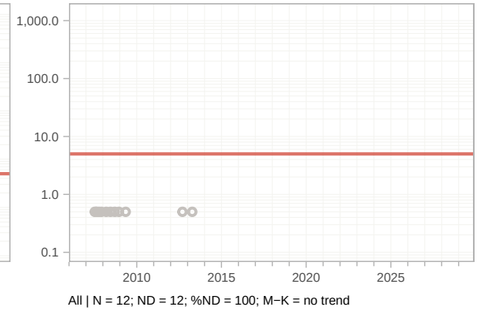
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

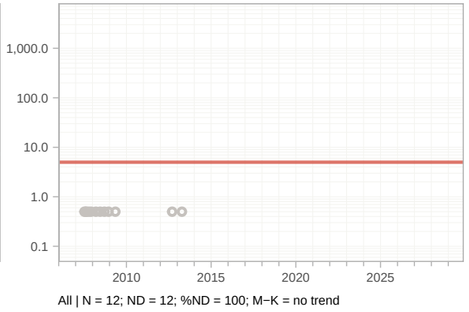
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

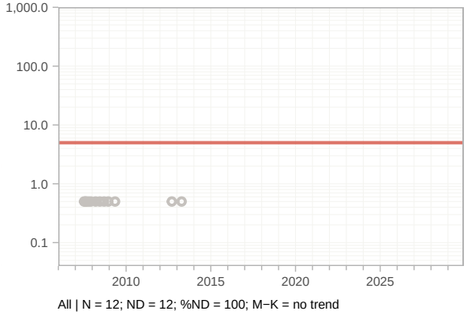
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

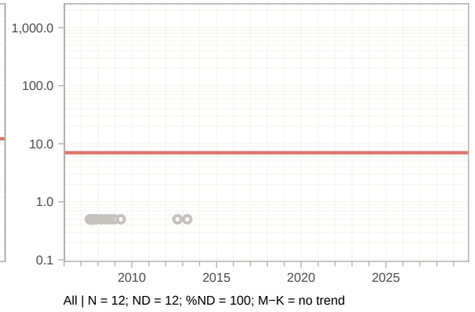
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

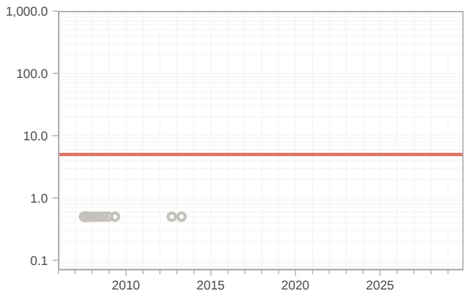
NYS GWQS = 7 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

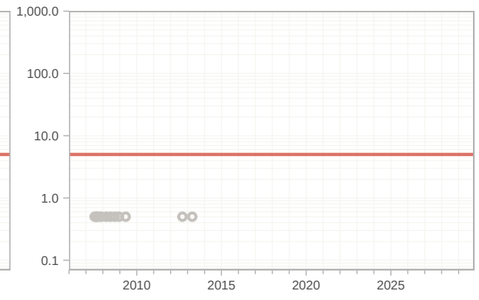
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloromethane (ug/L)

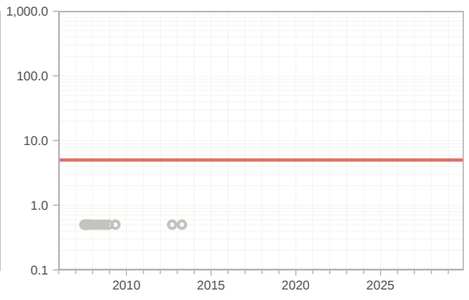
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

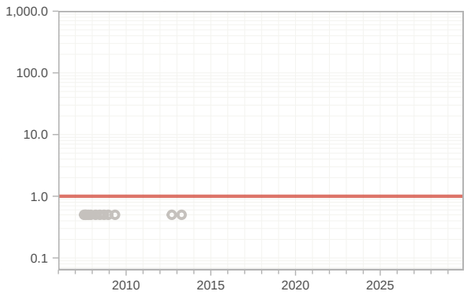
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

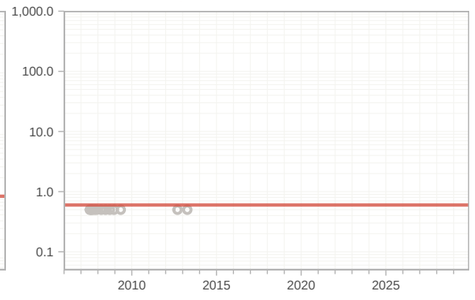
NYS GWQS = 1 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

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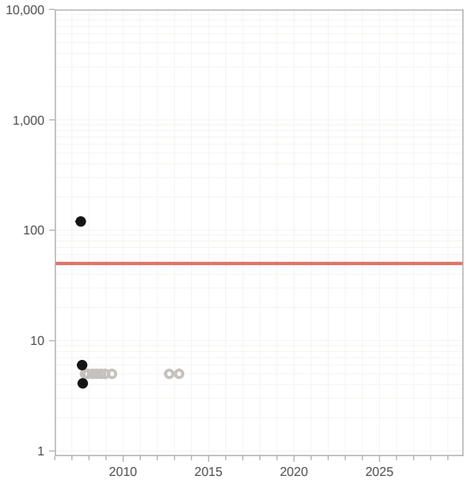
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

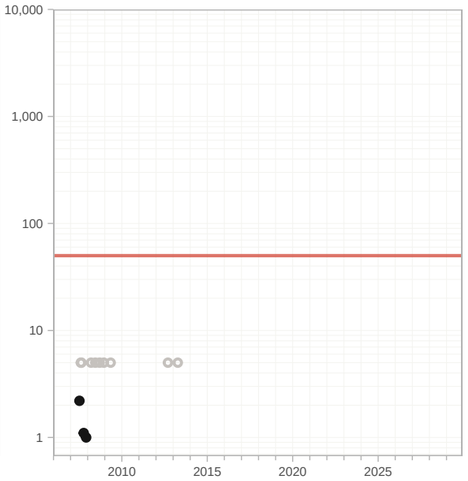
BP−15D PORT 4 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



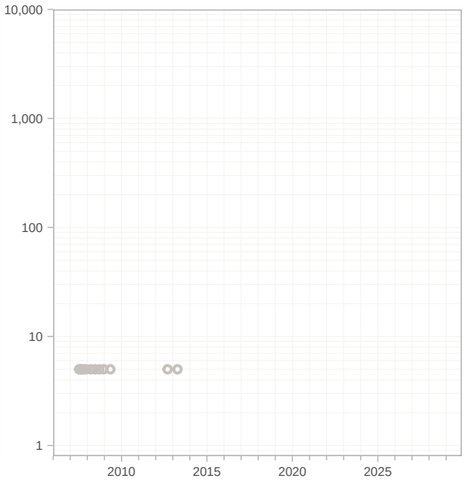
All | N = 12; ND = 9; %ND = 75; M−K = decreasing

Butanone (2−) (MEK) (ug/L)



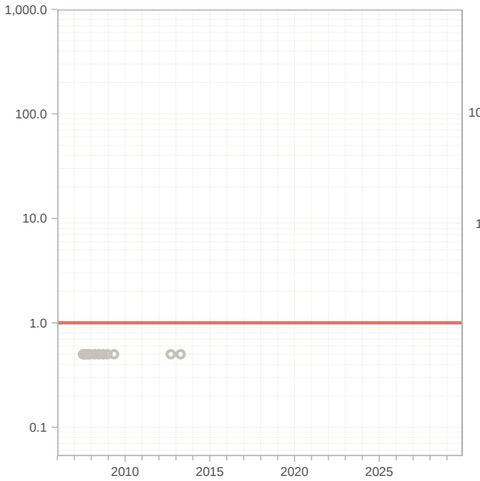
All | N = 12; ND = 9; %ND = 75; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



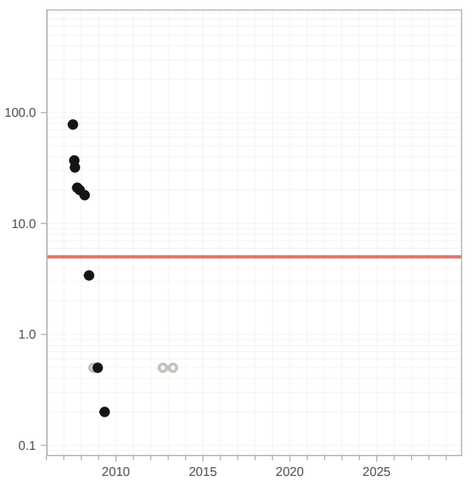
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Benzene (ug/L)



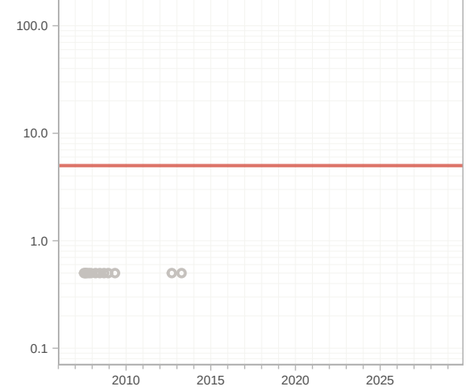
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Toluene (ug/L)



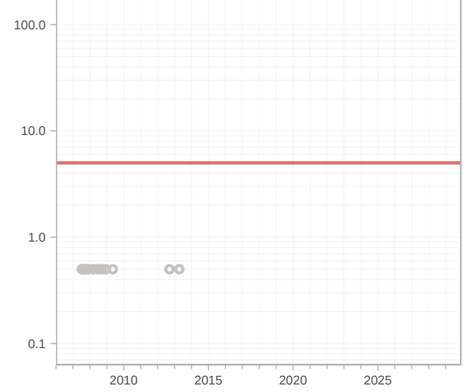
All | N = 12; ND = 3; %ND = 25; M−K = strong decreasing

Ethylbenzene (ug/L)



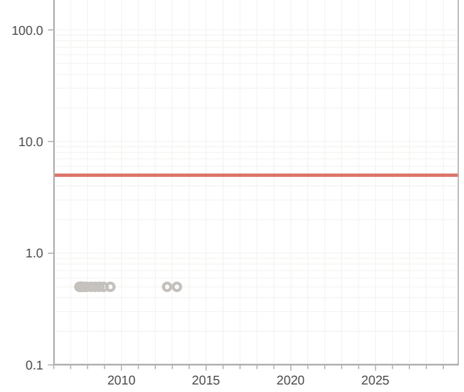
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



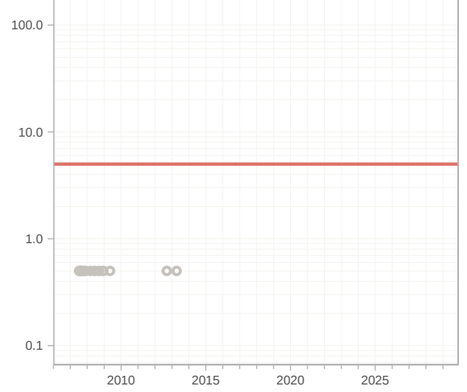
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

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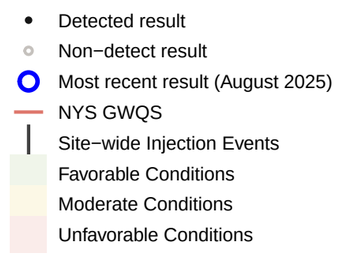
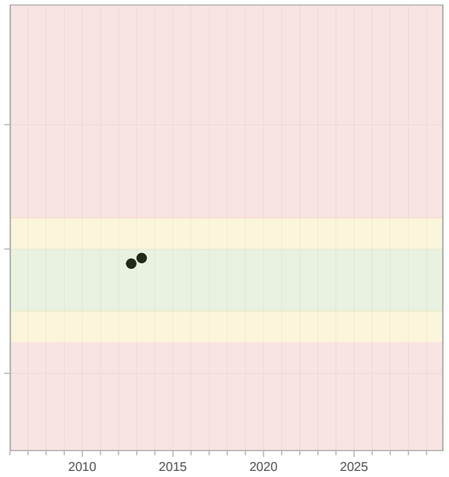


BP−15D PORT 4 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)

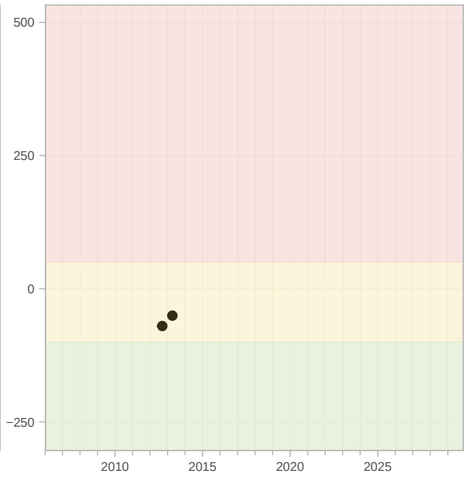
All | N = 18; ND = 0; %ND = 0; M−K = increasing

pH (SU)



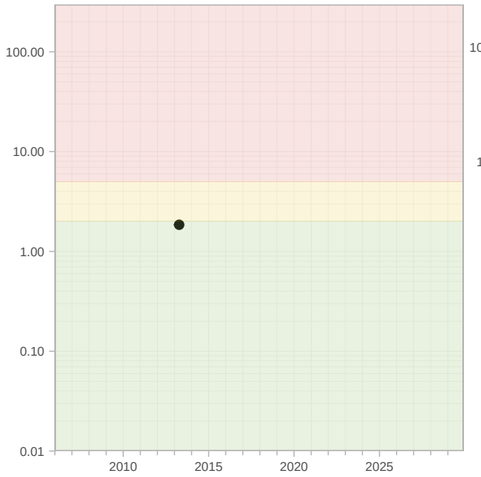
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



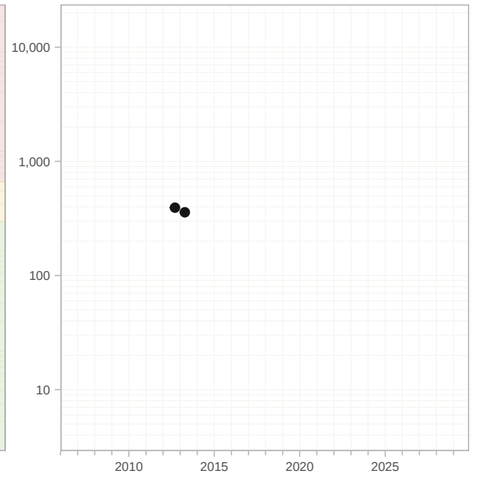
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



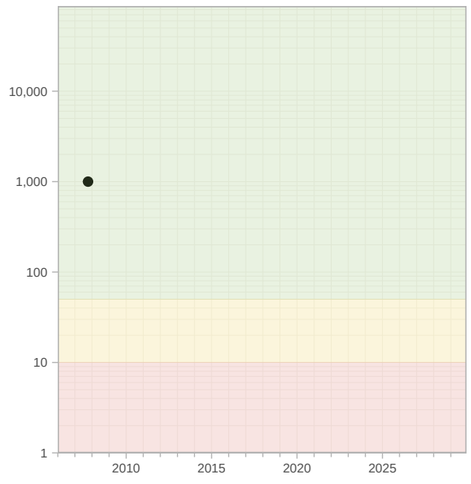
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



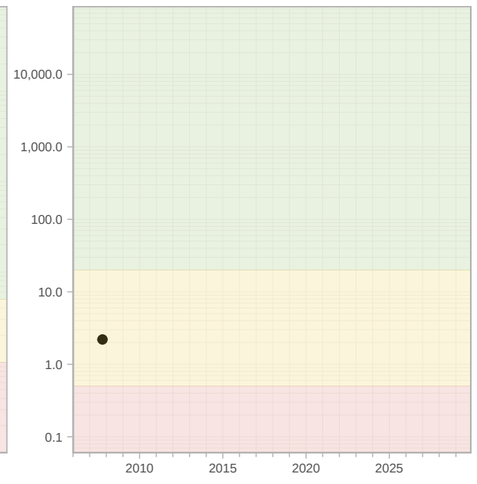
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Sulfide (ug/L)



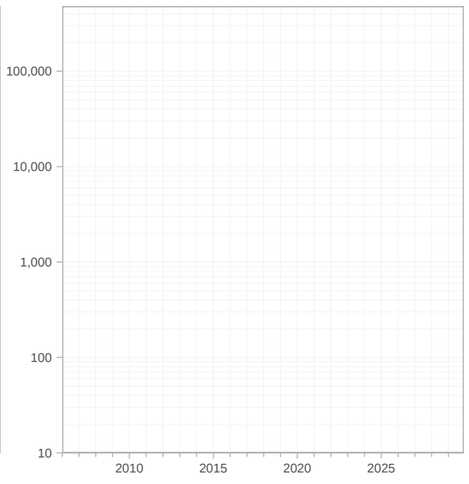
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



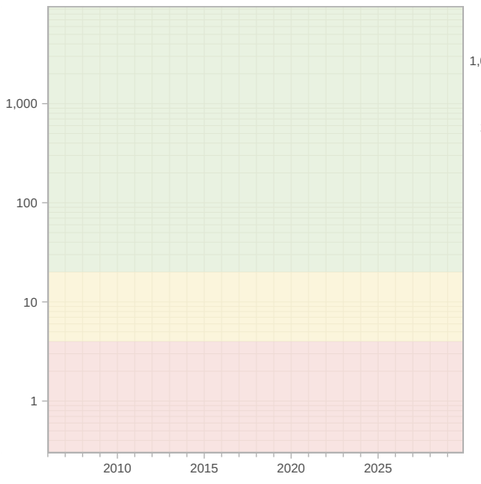
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



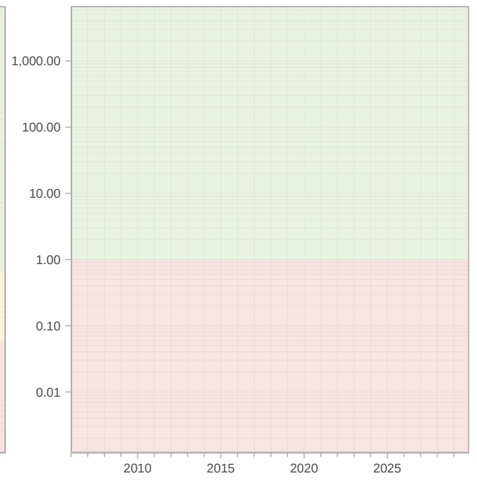
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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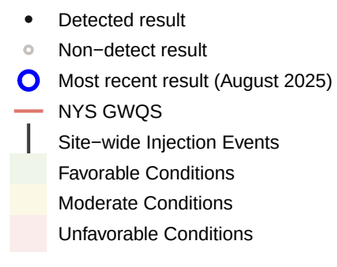
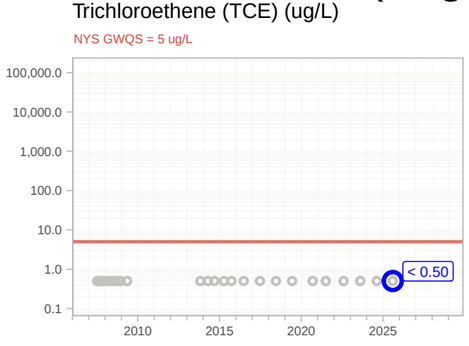


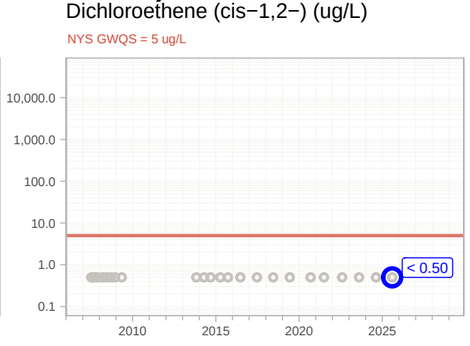
BP−15D PORT 5 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)



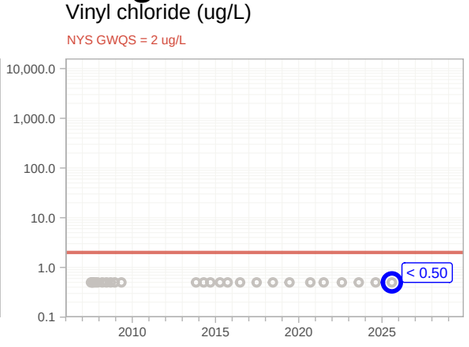
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)



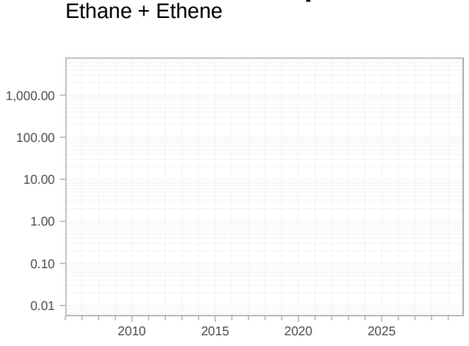
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Vinyl chloride (ug/L)



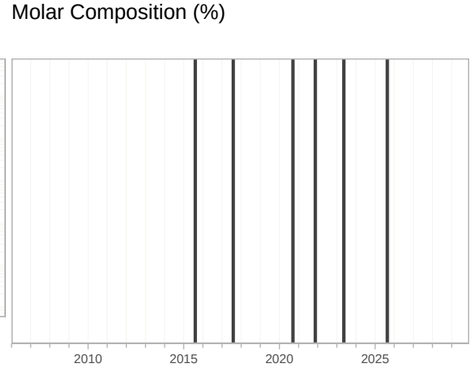
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Ethane + Ethene

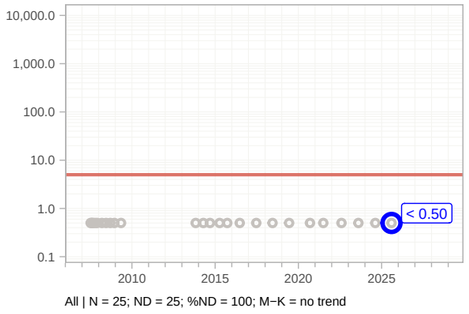


No Data

Molar Composition (%)

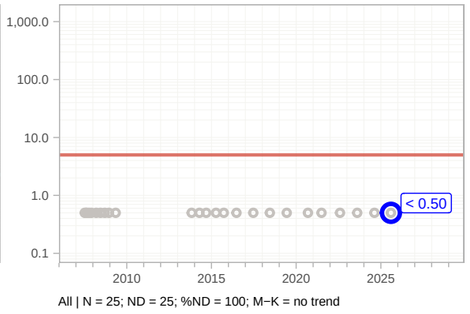


Dichloroethene (trans−1,2−) (ug/L)



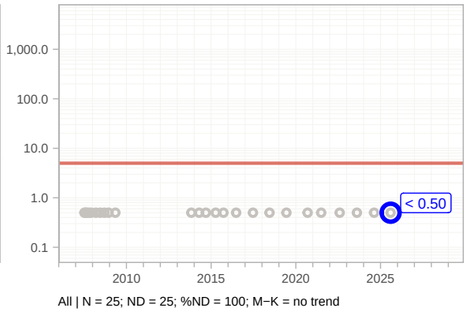
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)



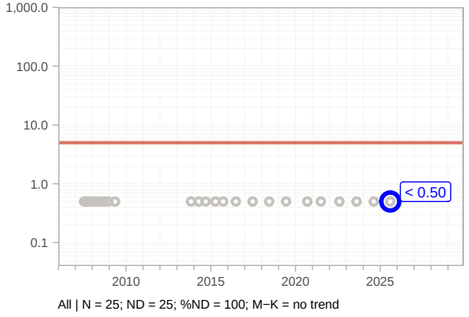
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)



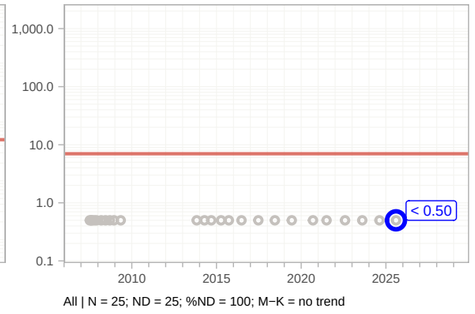
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)



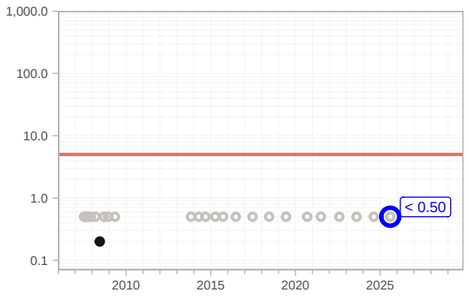
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)



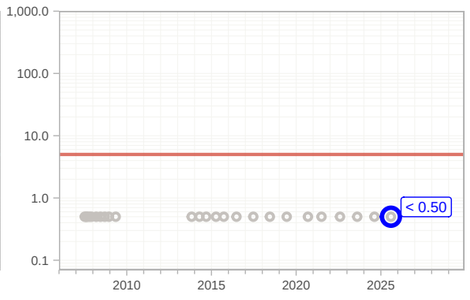
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L



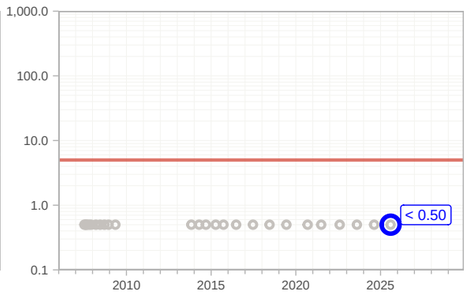
All | N = 25; ND = 24; %ND = 96; M−K = no trend

Chloromethane (ug/L)



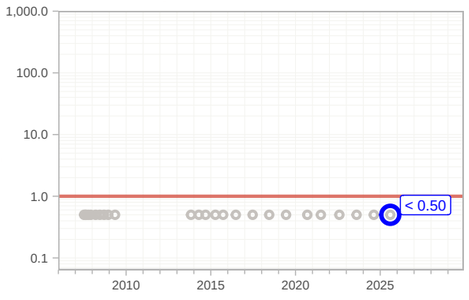
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)



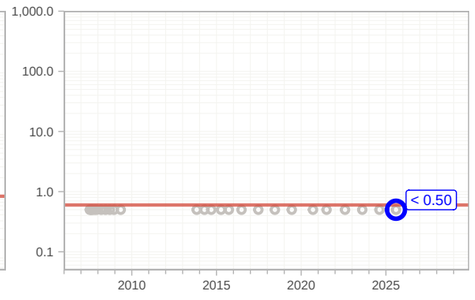
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Notes:
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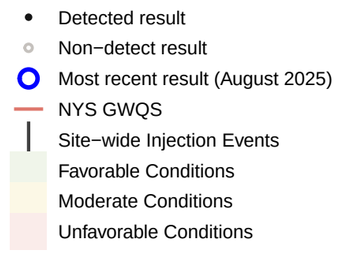
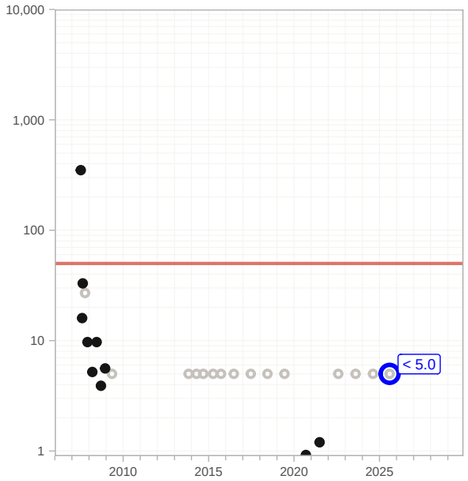


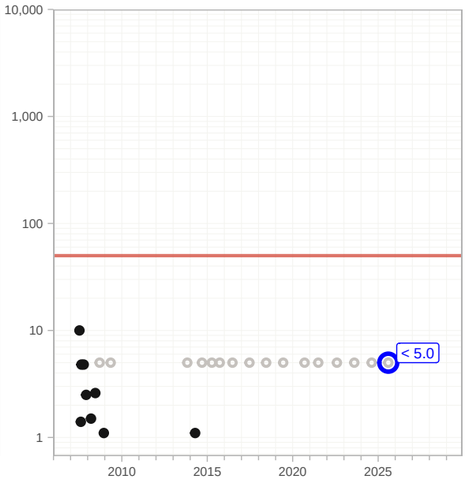
BP−15D PORT 5 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



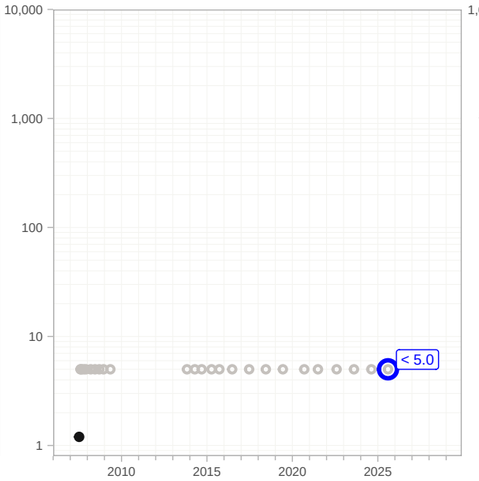
All | N = 25; ND = 15; %ND = 60; M−K = strong decreasing

Butanone (2−) (MEK) (ug/L)



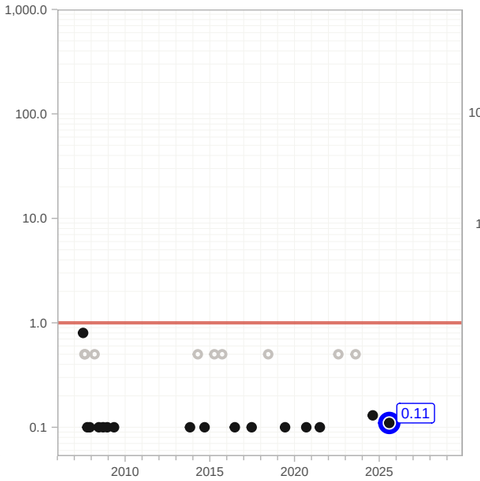
All | N = 25; ND = 16; %ND = 64; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



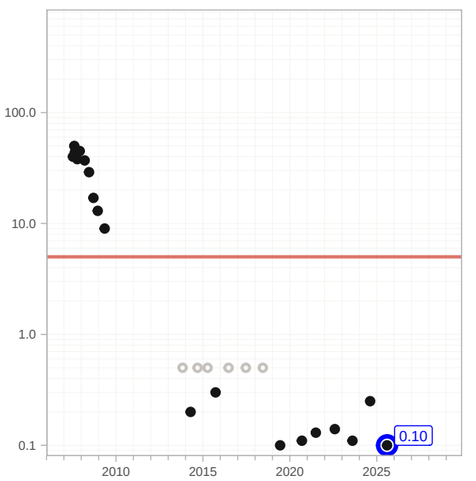
All | N = 25; ND = 24; %ND = 96; M−K = no trend

Benzene (ug/L)



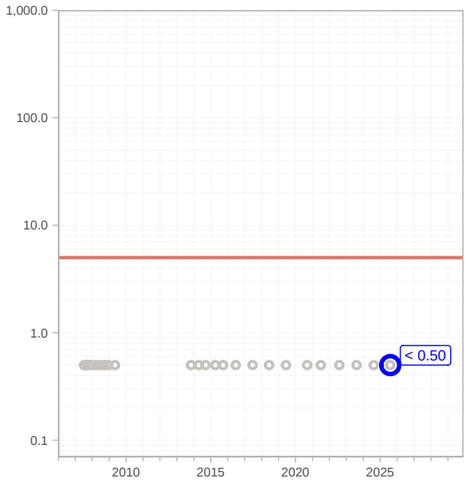
All | N = 25; ND = 9; %ND = 36; M−K = no trend

Toluene (ug/L)



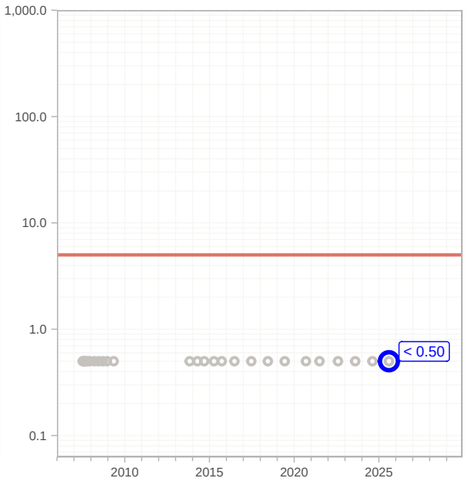
All | N = 25; ND = 6; %ND = 24; M−K = strong decreasing

Ethylbenzene (ug/L)



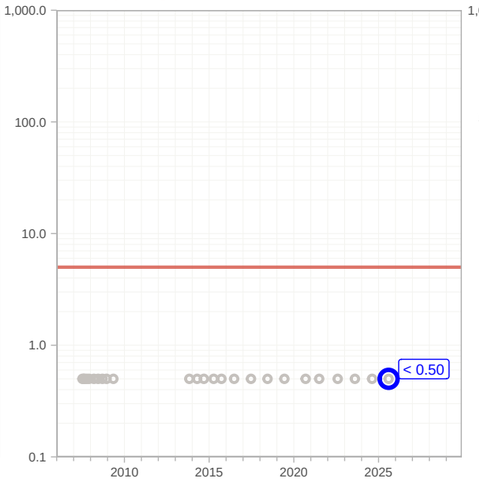
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



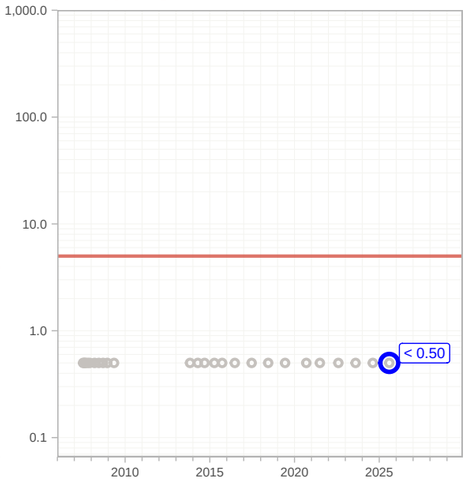
All | N = 25; ND = 25; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 25; ND = 25; %ND = 100; M−K = no trend

Notes:
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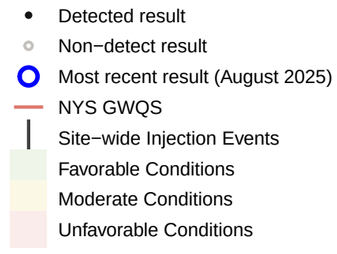
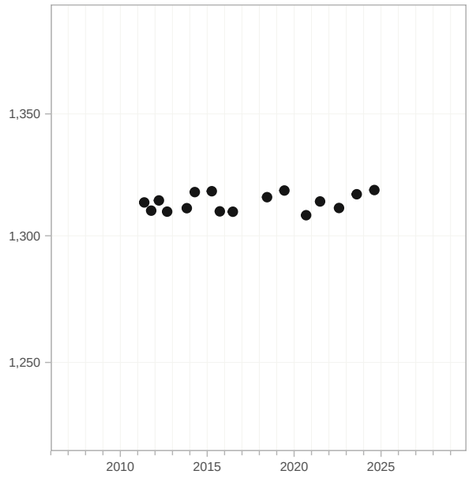


BP−15D PORT 5 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

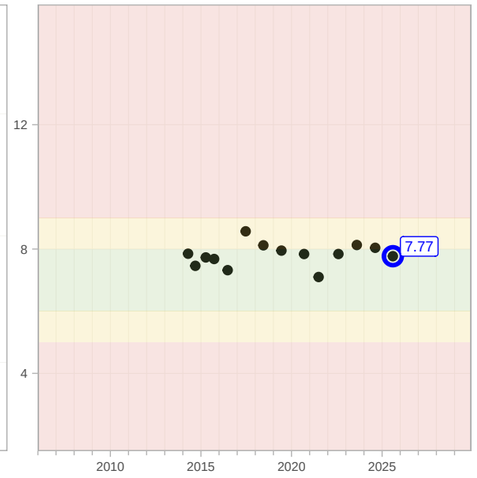
Groundwater Elevation (ft amsl)



All | N = 16; ND = 0; %ND = 0; M−K = stable

Sulfide

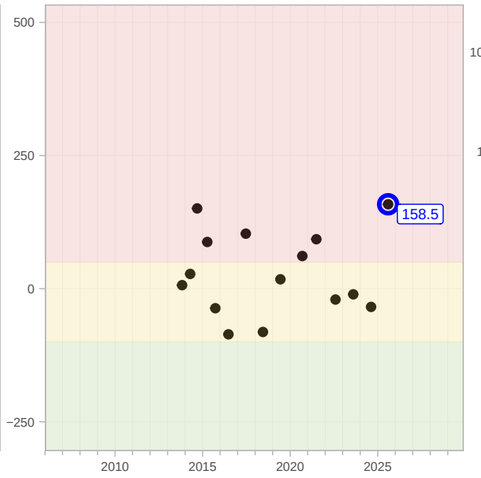
pH (SU)



All | N = 14; ND = 0; %ND = 0; M−K = stable

Methane

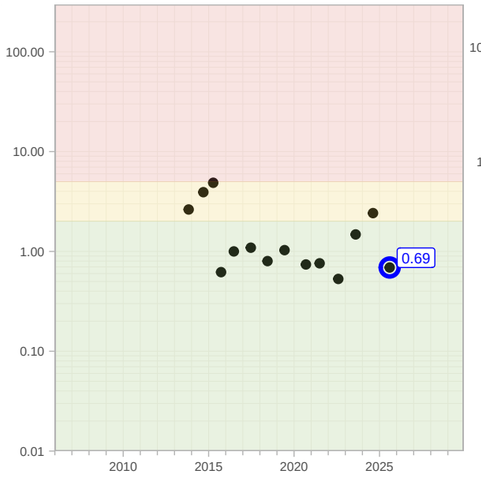
Oxidation/Reduction Potential (mV)



All | N = 15; ND = 0; %ND = 0; M−K = no trend

Iron − Ferrous

Dissolved Oxygen (mg/L)



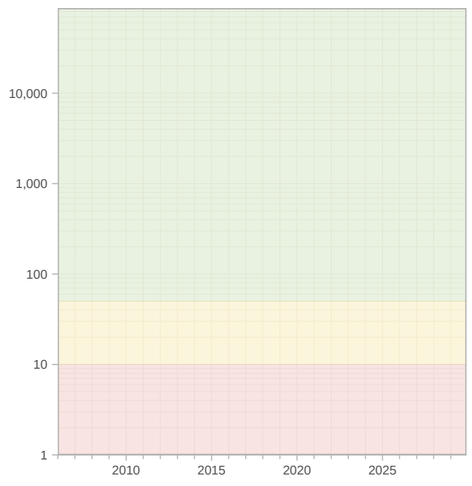
All | N = 14; ND = 0; %ND = 0; M−K = stable

Total Organic Carbon

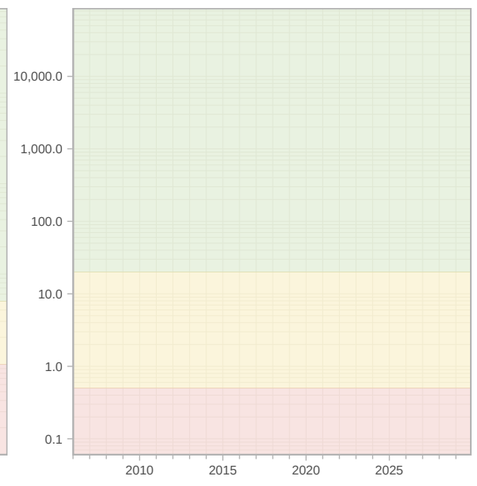
Specific Conductance (uS/cm)

All | N = 15; ND = 0; %ND = 0; M−K = strong decreasing

Total Volatile Fatty Acids



No Data



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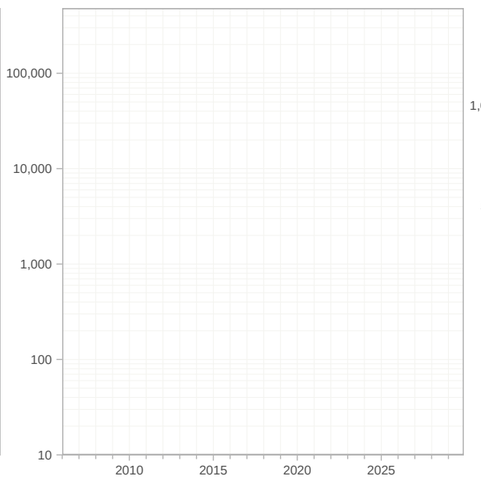
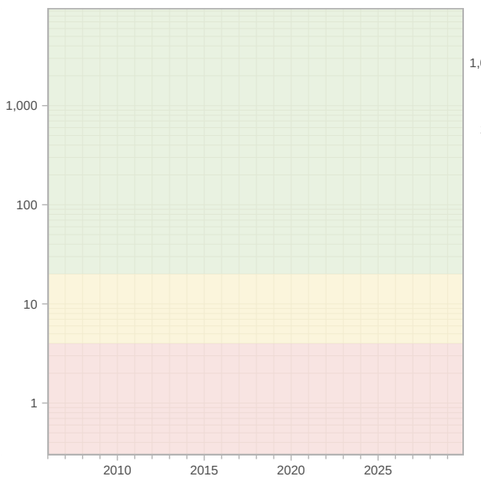
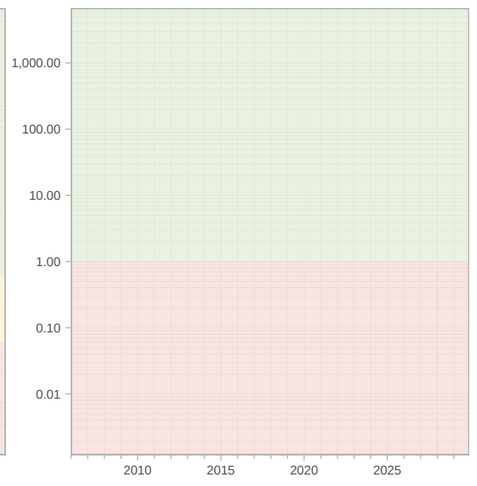


No Data



No Data



No Data

Notes:
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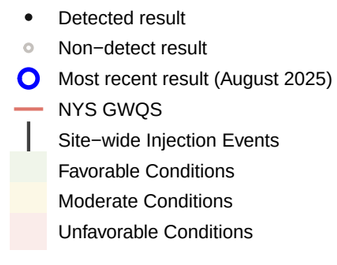
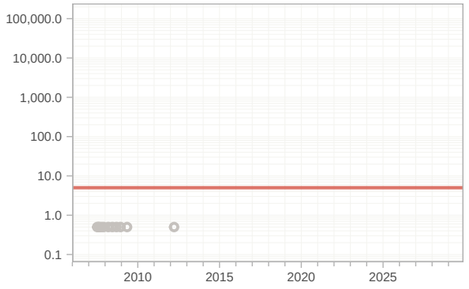


BP−15D PORT 6 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

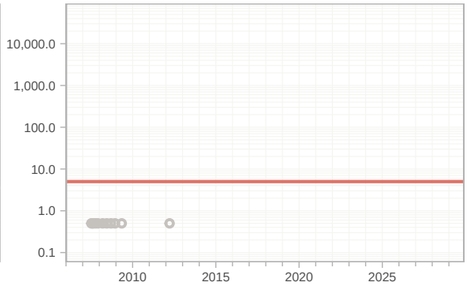
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

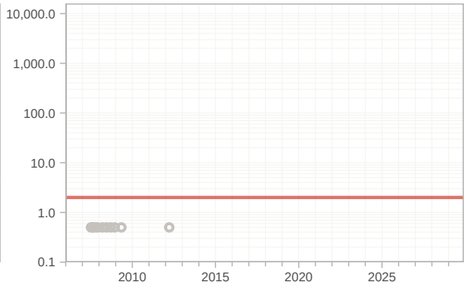
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

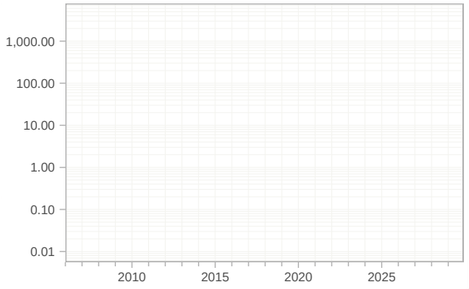
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



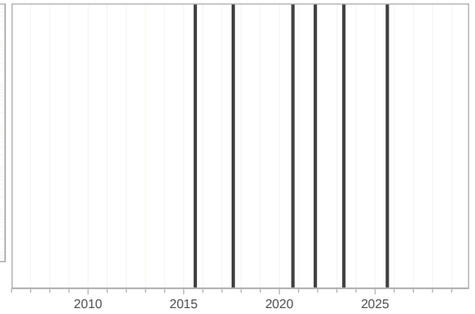
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Ethane + Ethene



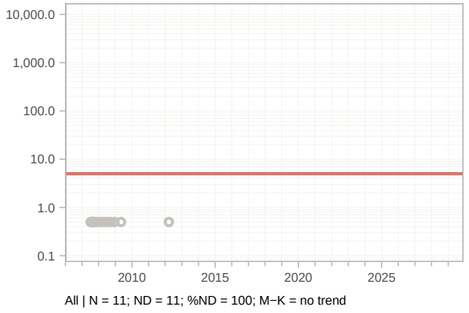
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

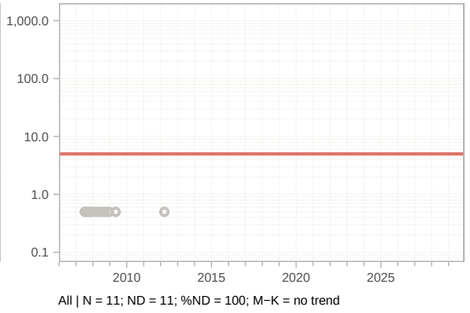
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

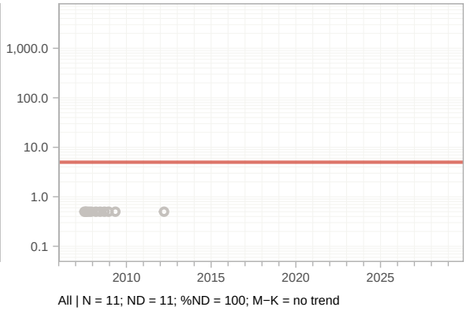
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

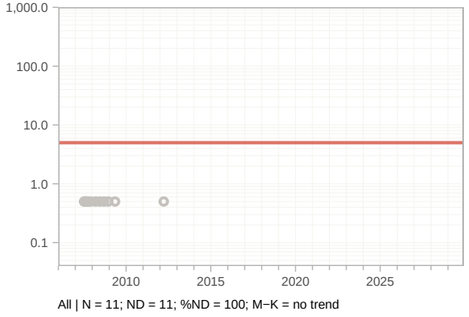
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

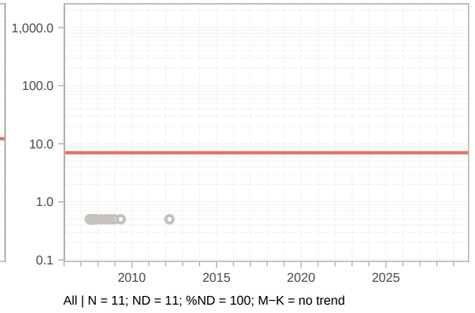
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

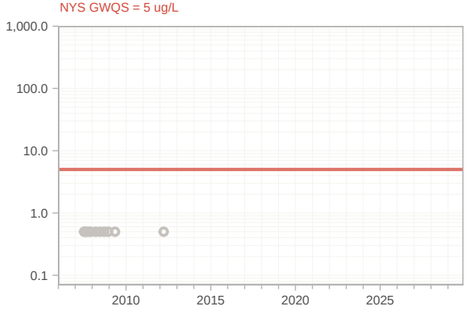
NYS GWQS = 7 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

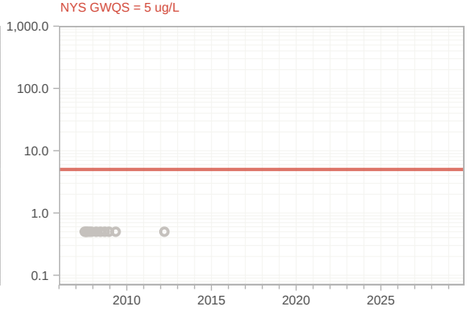
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloromethane (ug/L)

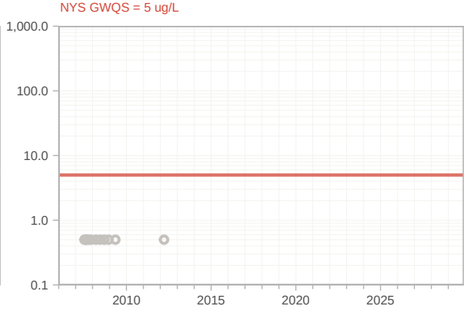
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

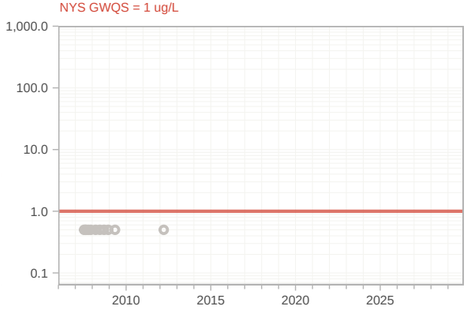
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

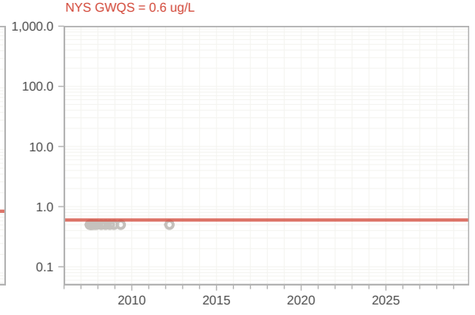
NYS GWQS = 1 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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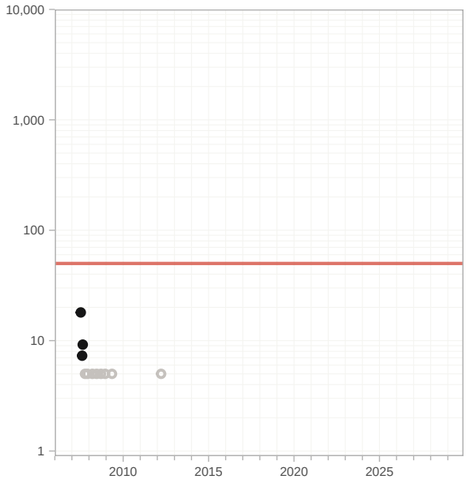
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

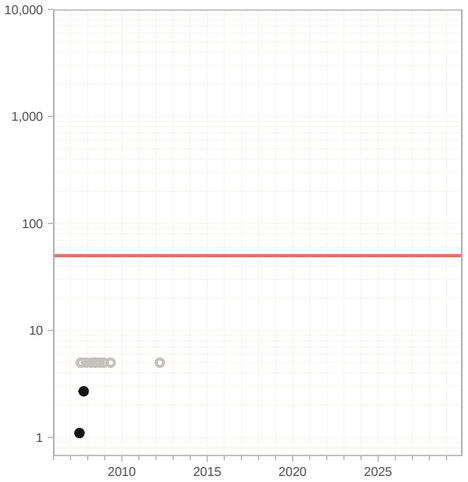
BP−15D PORT 6 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



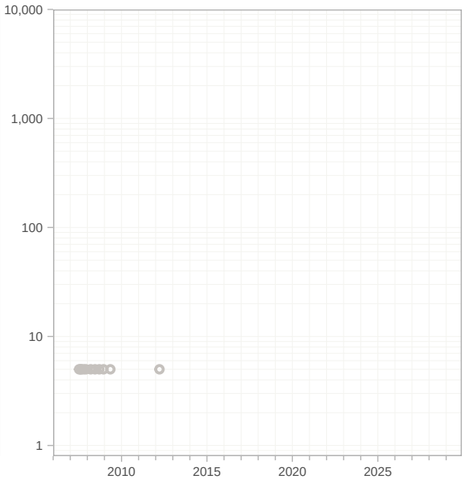
All | N = 11; ND = 8; %ND = 72.7; M−K = strong decreasing

Butanone (2−) (MEK) (ug/L)



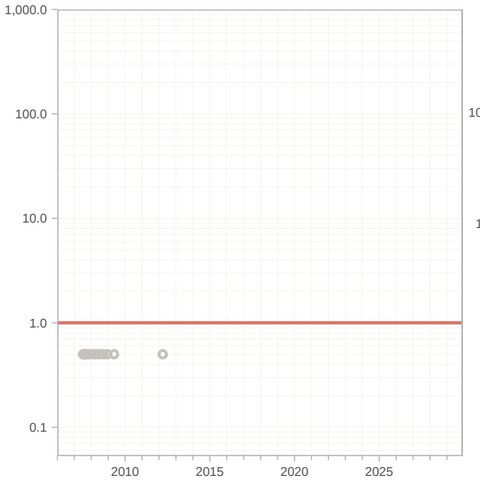
All | N = 11; ND = 9; %ND = 81.8; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



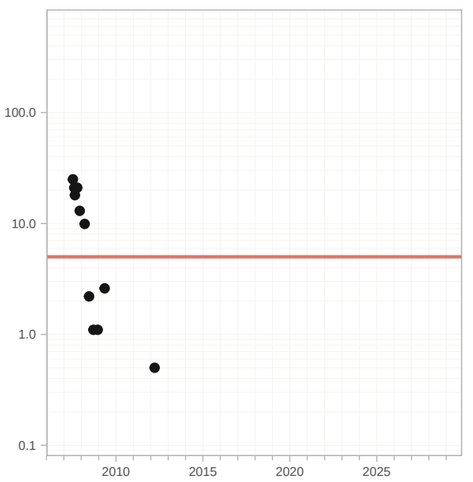
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Benzene (ug/L)



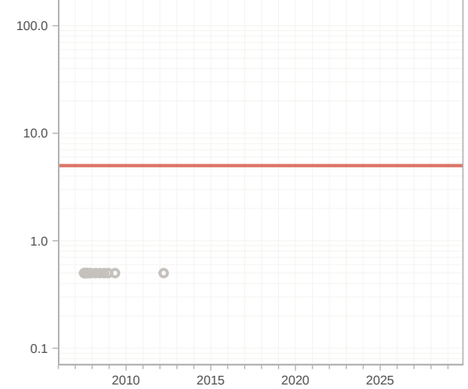
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Toluene (ug/L)



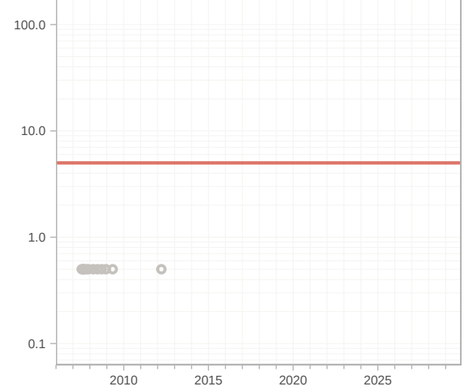
All | N = 11; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



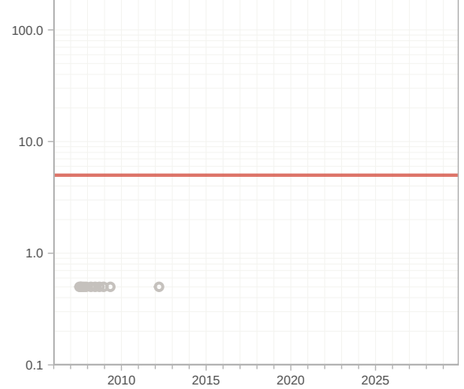
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



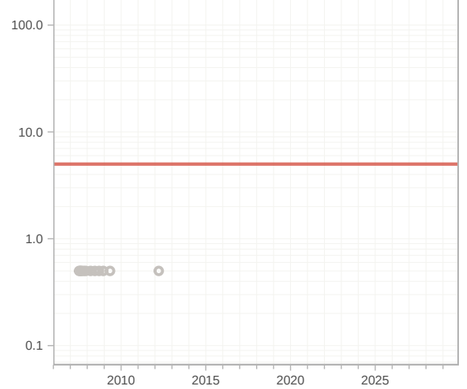
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

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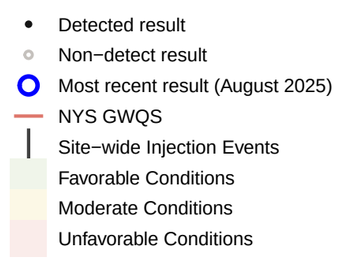
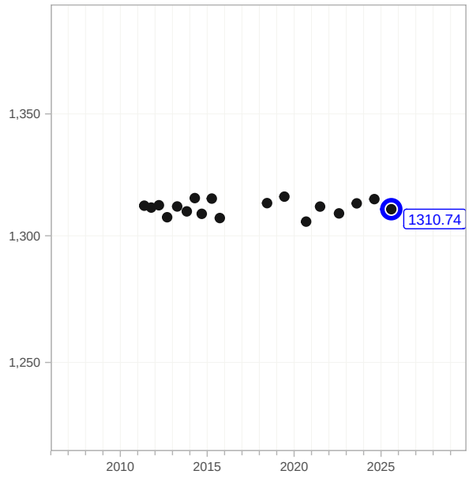


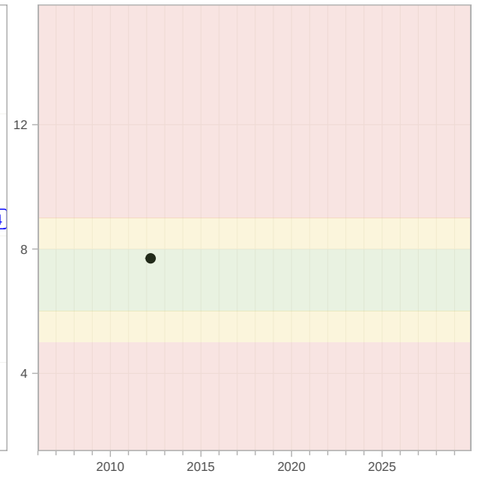
BP−15D PORT 6 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



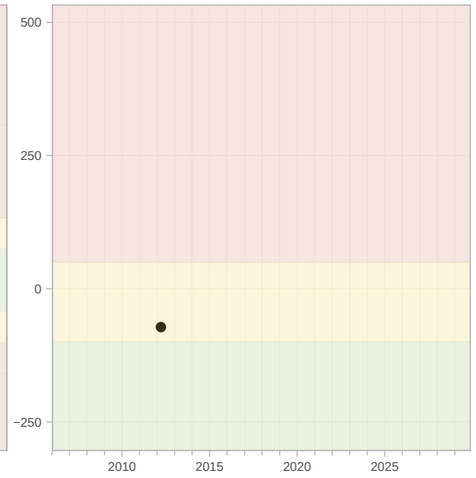
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH (SU)



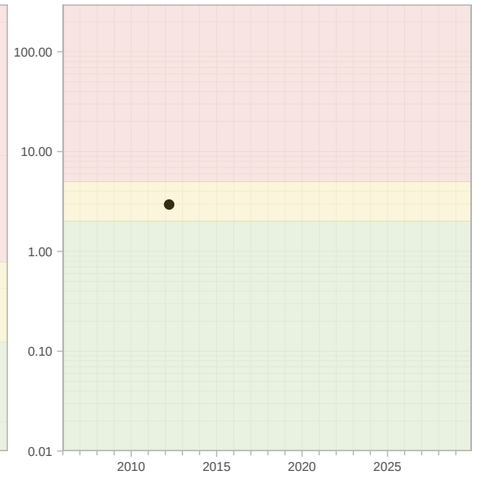
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



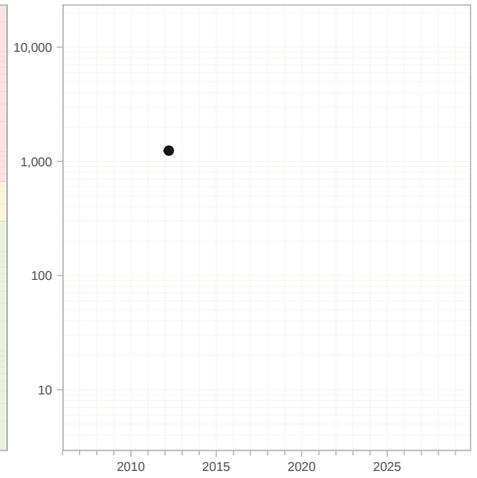
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



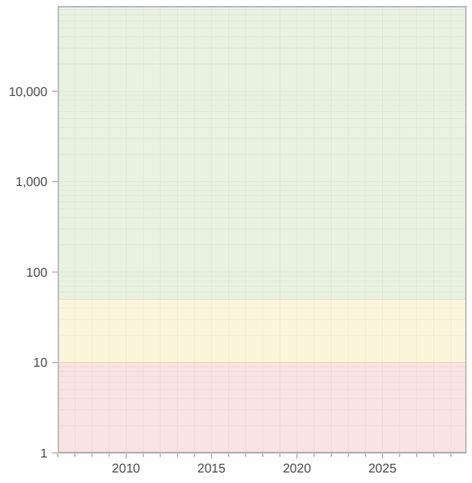
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



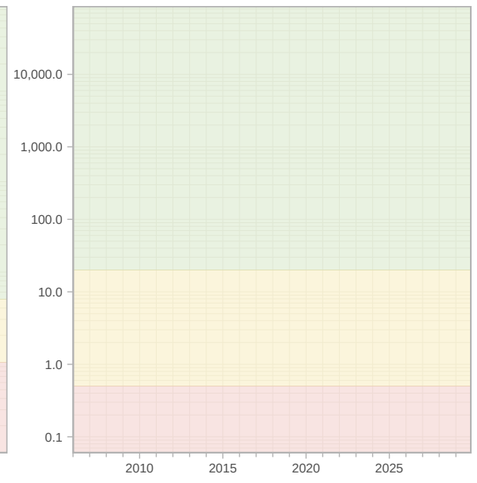
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



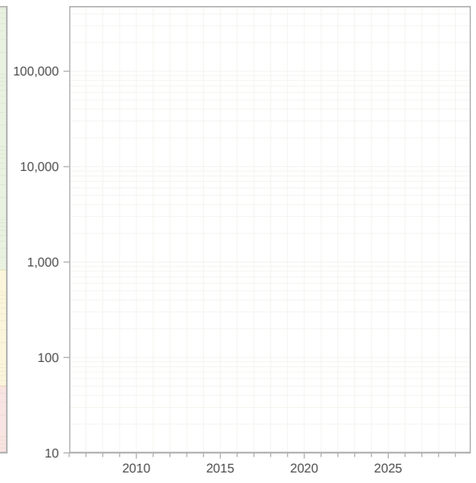
No Data

Methane



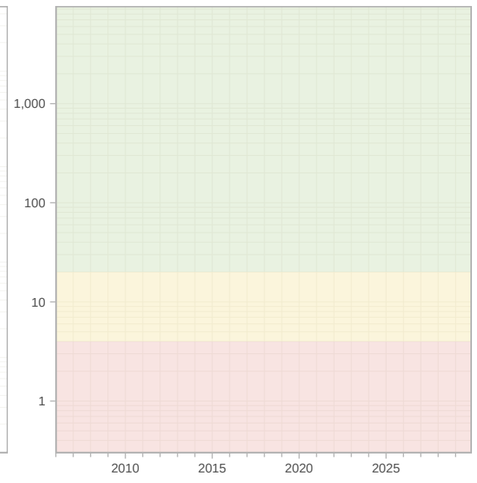
No Data

Iron − Ferrous



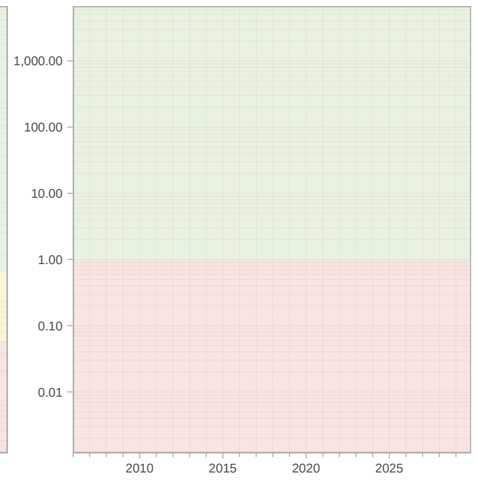
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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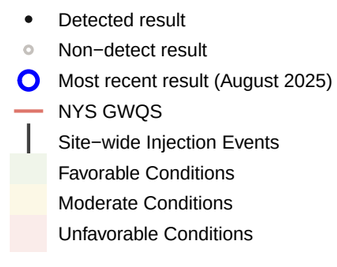
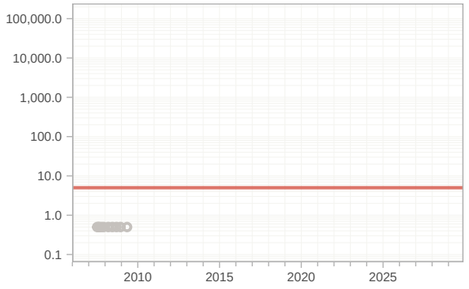


BP−15D PORT 7 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

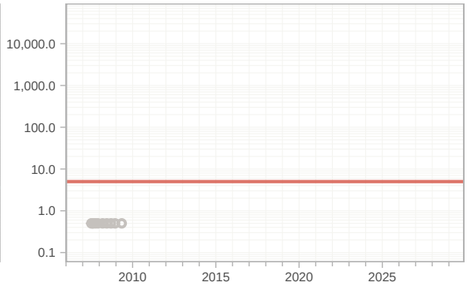
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

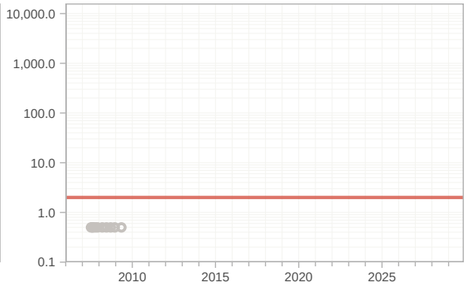
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

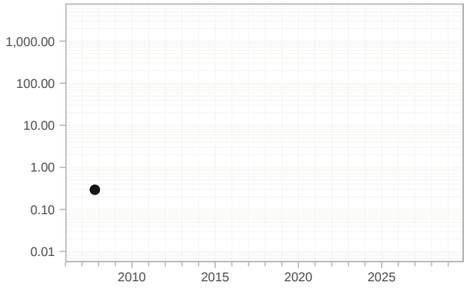
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



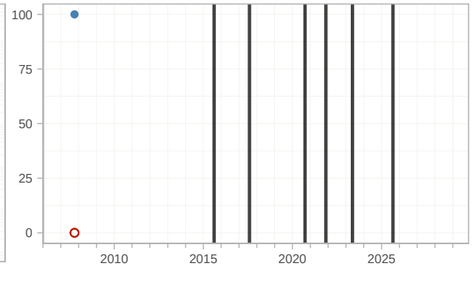
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



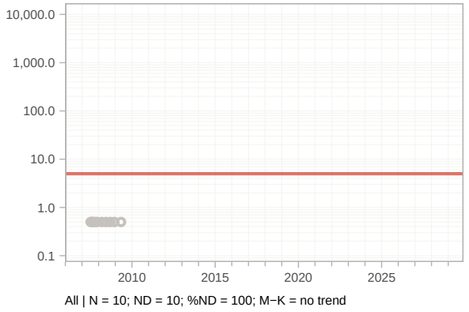
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

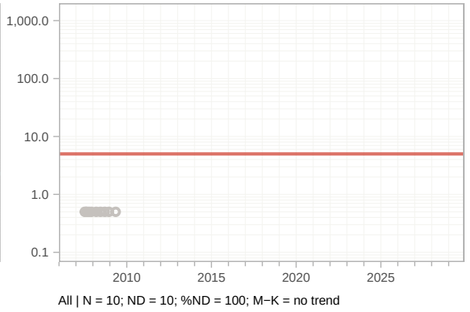
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

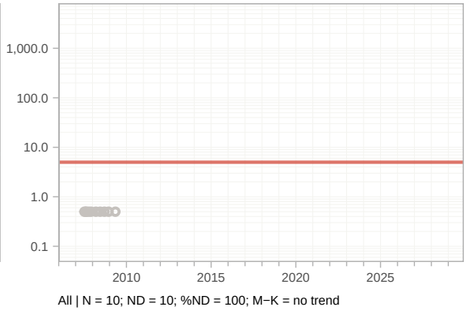
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

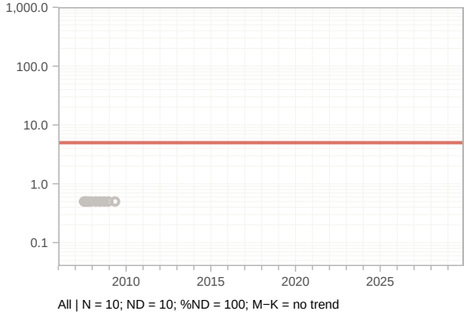
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

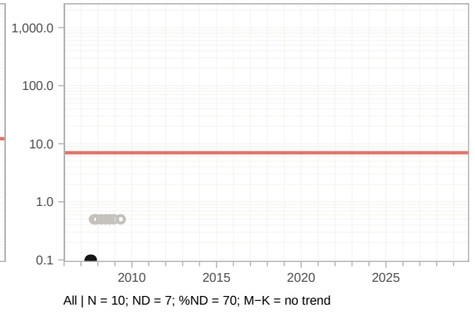
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

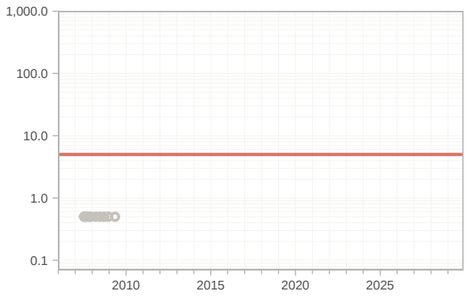
NYS GWQS = 7 ug/L



All | N = 10; ND = 7; %ND = 70; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

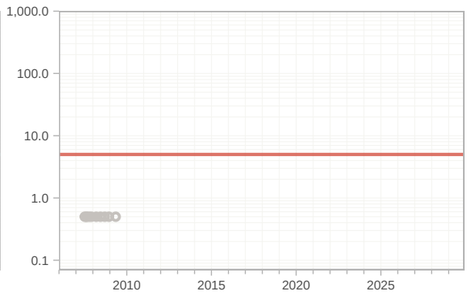
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloromethane (ug/L)

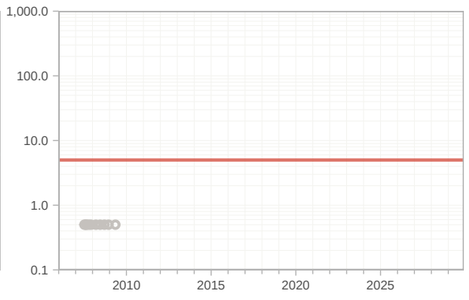
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

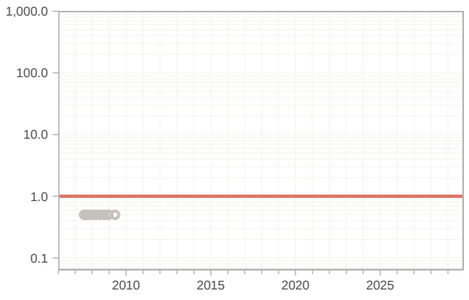
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

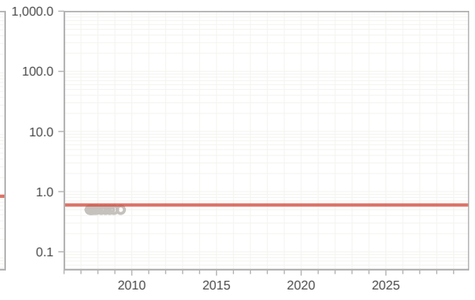
NYS GWQS = 1 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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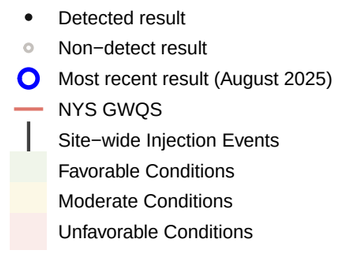
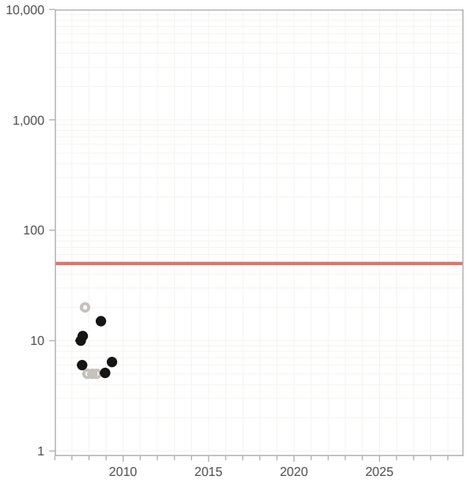


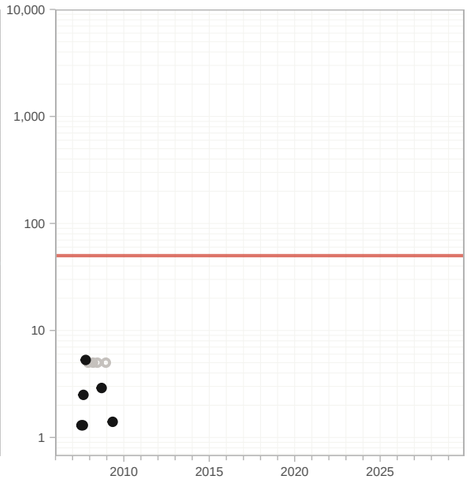
BP−15D PORT 7 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



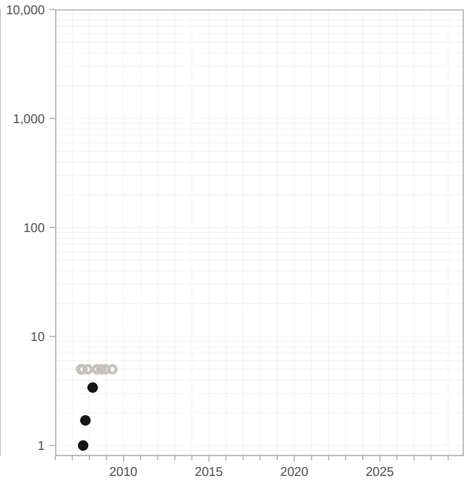
All | N = 10; ND = 4; %ND = 40; M−K = stable

Butanone (2−) (MEK) (ug/L)



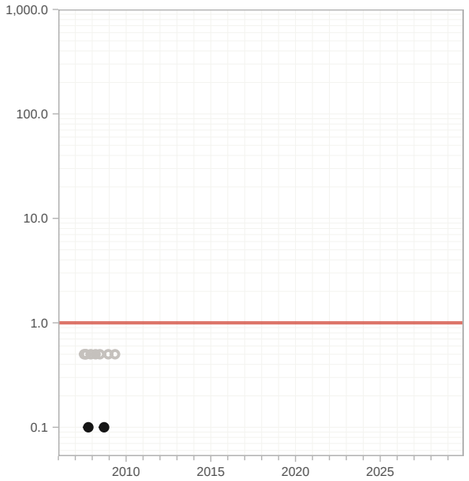
All | N = 10; ND = 4; %ND = 40; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



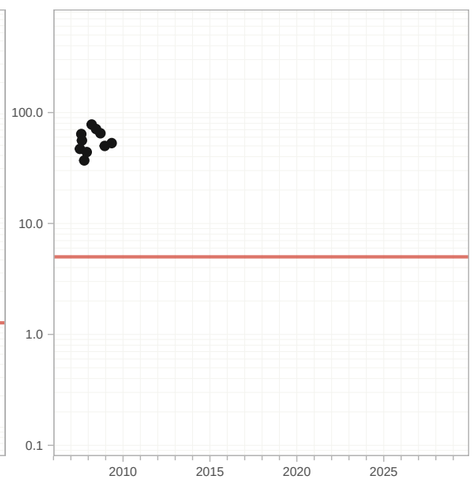
All | N = 10; ND = 7; %ND = 70; M−K = no trend

Benzene (ug/L)



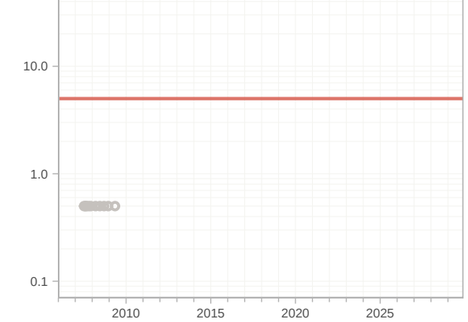
All | N = 10; ND = 8; %ND = 80; M−K = no trend

Toluene (ug/L)



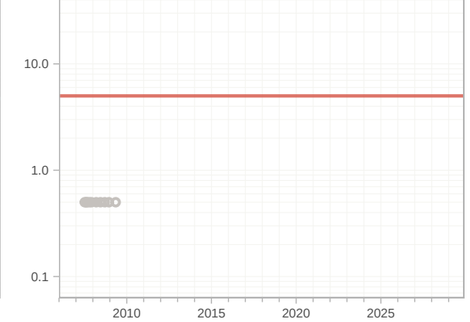
All | N = 10; ND = 0; %ND = 0; M−K = stable

Ethylbenzene (ug/L)



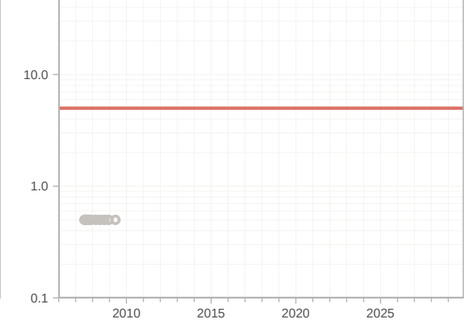
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



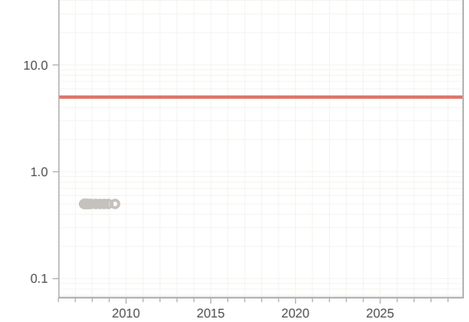
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

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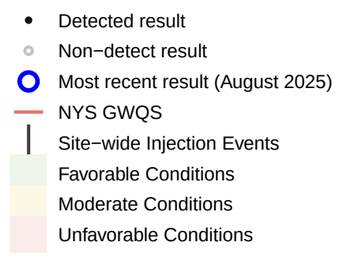
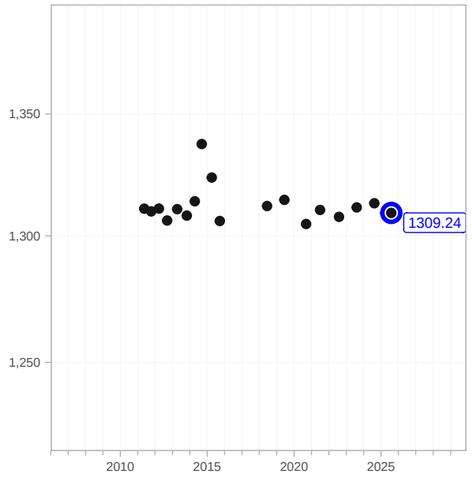


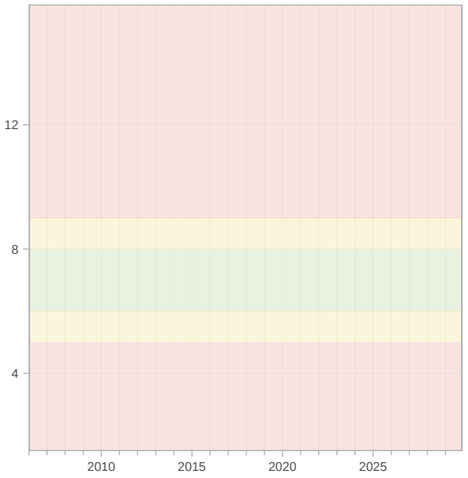
BP−15D PORT 7 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



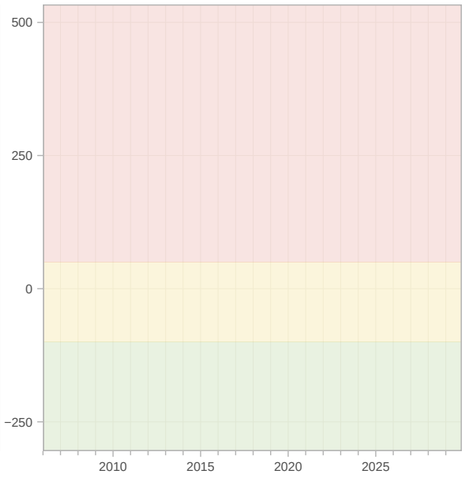
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH



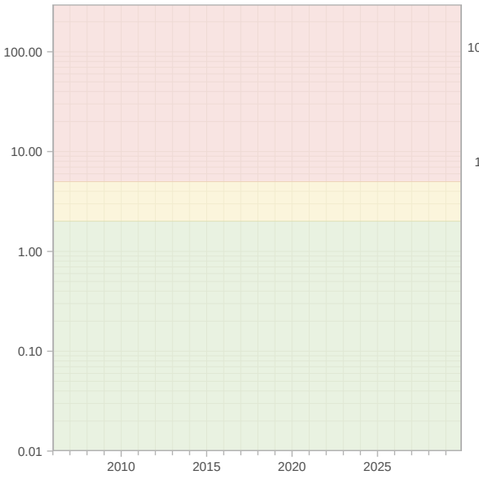
No Data

Oxidation/Reduction Potential



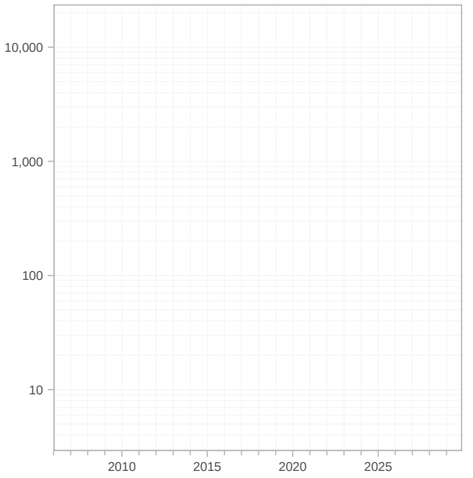
No Data

Dissolved Oxygen



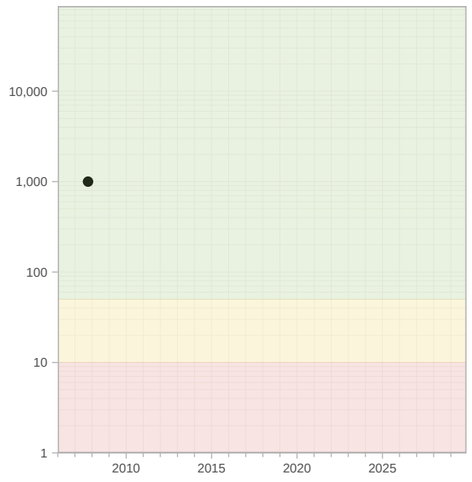
No Data

Specific Conductance



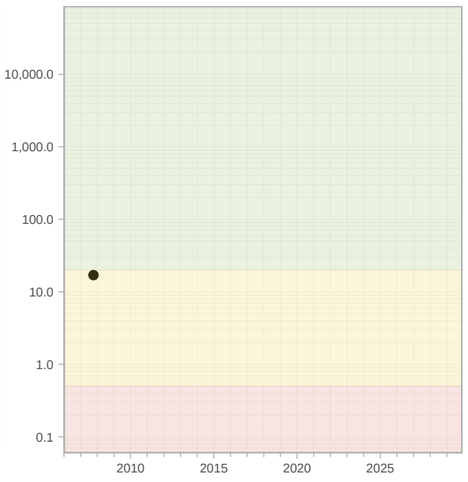
No Data

Sulfide (ug/L)



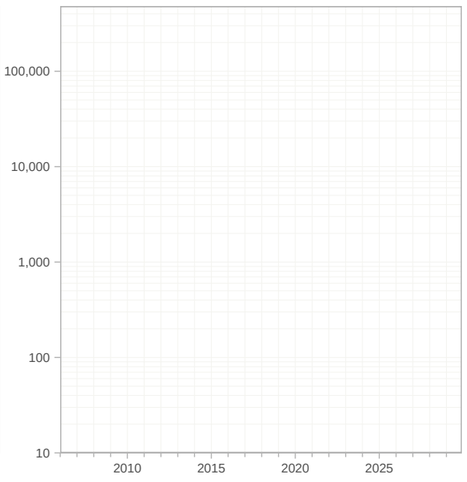
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



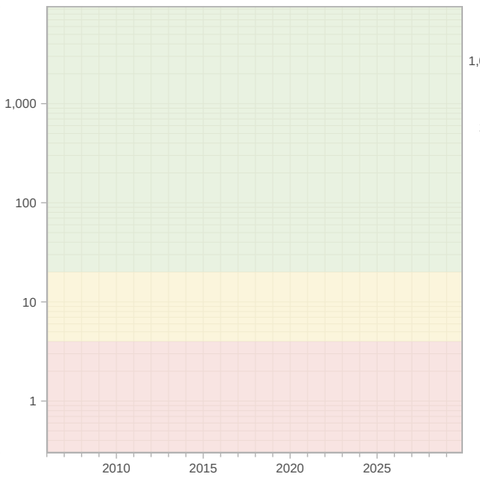
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



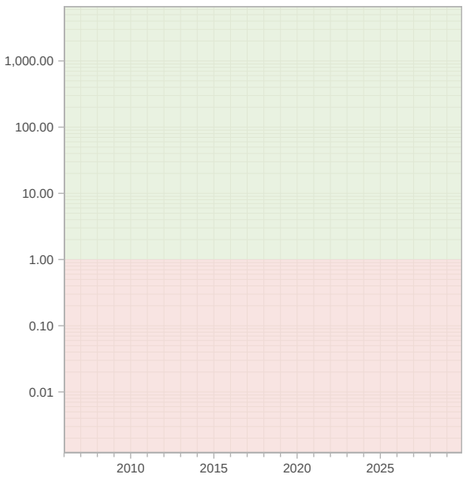
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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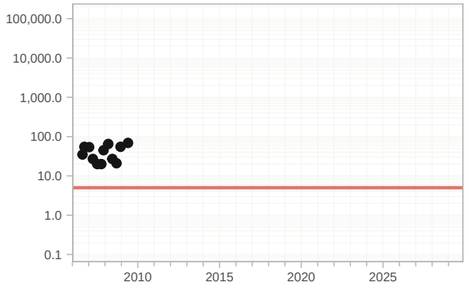
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

GC−1 PORT 2 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

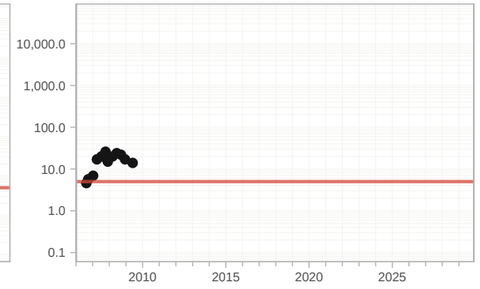
NYS GWQS = 5 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

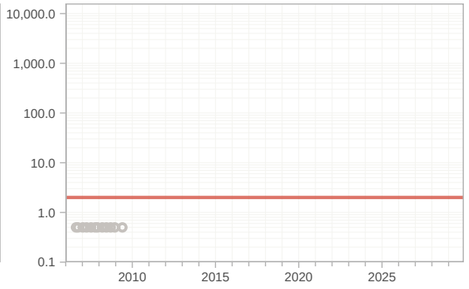
NYS GWQS = 5 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

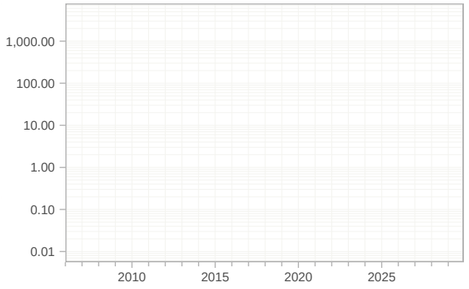
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



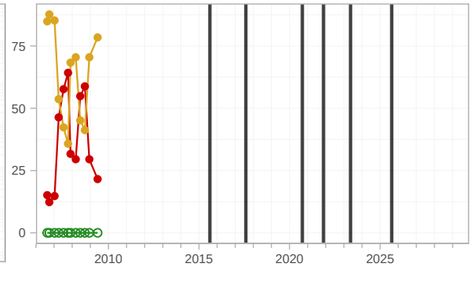
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethane + Ethene



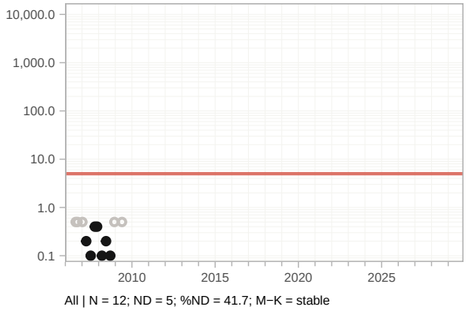
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

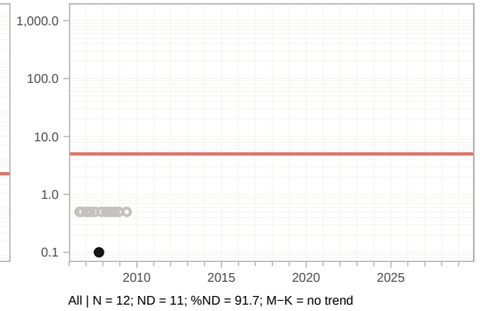
NYS GWQS = 5 ug/L



All | N = 12; ND = 5; %ND = 41.7; M−K = stable

Dichloroethene (1,1−) (ug/L)

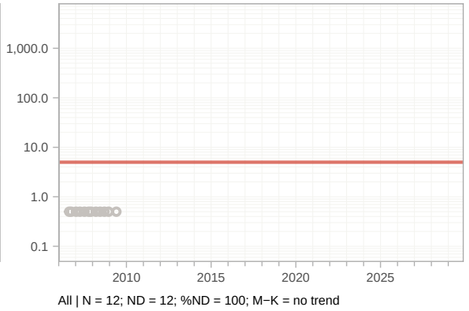
NYS GWQS = 5 ug/L



All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

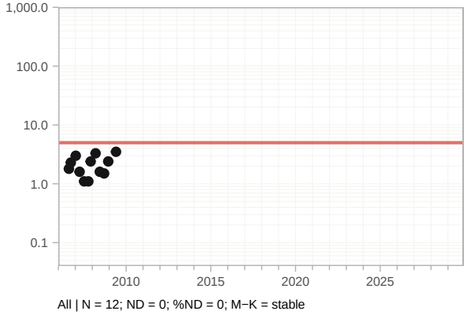
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

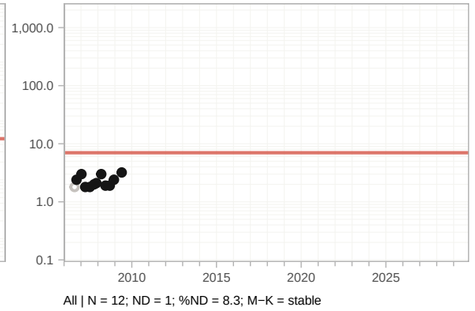
NYS GWQS = 5 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

Chloroform (Trichloromethane) (ug/L)

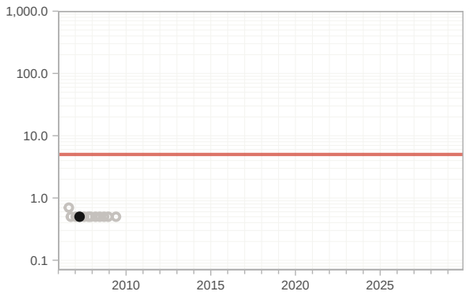
NYS GWQS = 7 ug/L



All | N = 12; ND = 1; %ND = 8.3; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

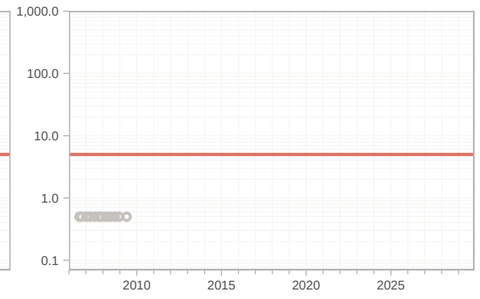
NYS GWQS = 5 ug/L



All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Chloromethane (ug/L)

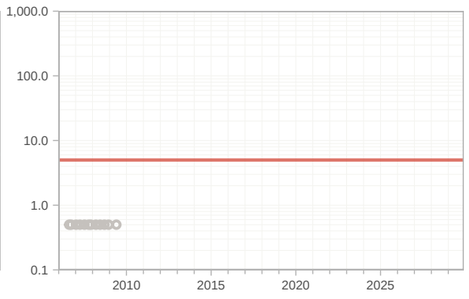
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

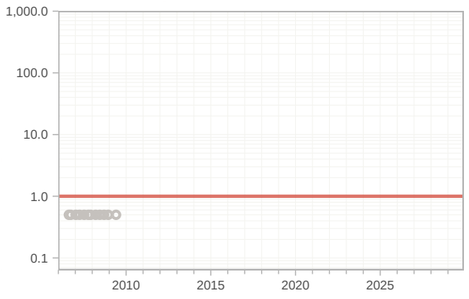
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

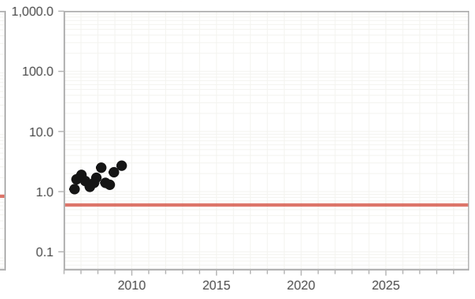
NYS GWQS = 1 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

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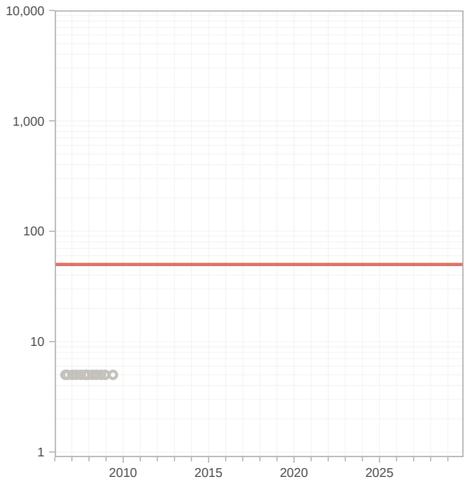
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

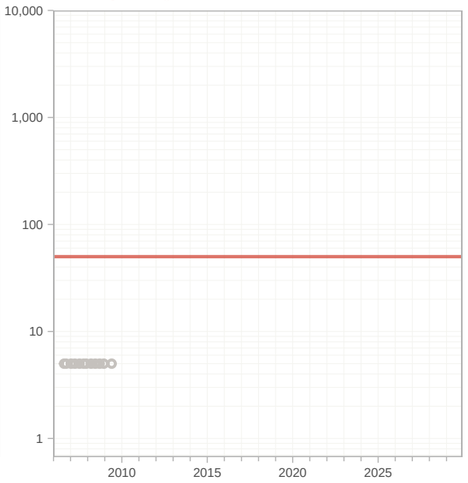
GC−1 PORT 2 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



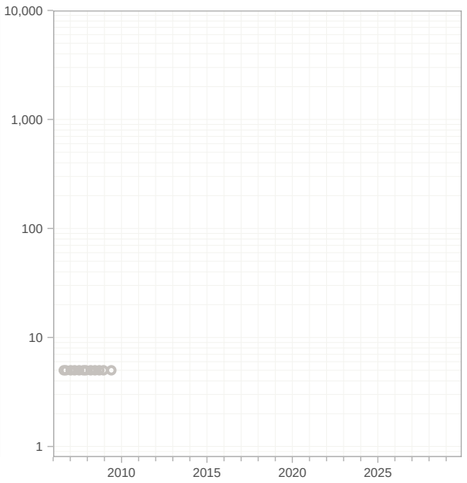
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Butanone (2−) (MEK) (ug/L)



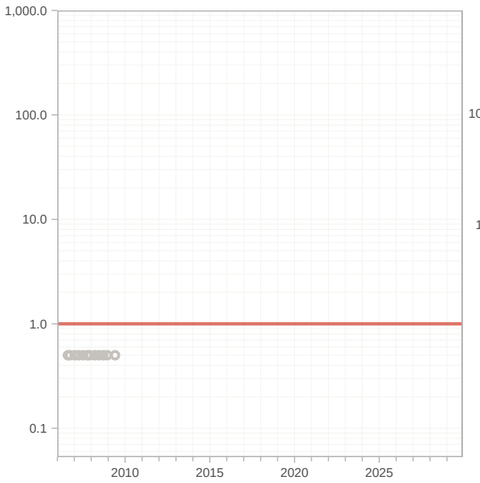
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



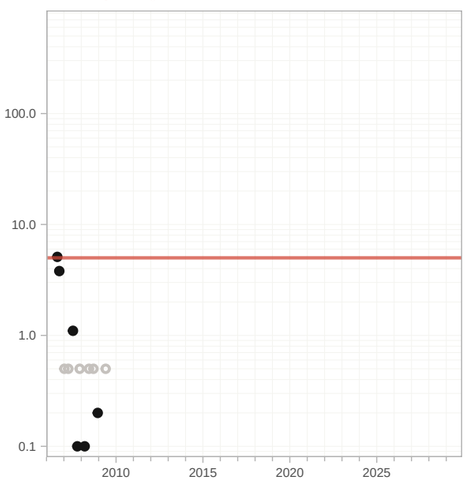
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Benzene (ug/L)



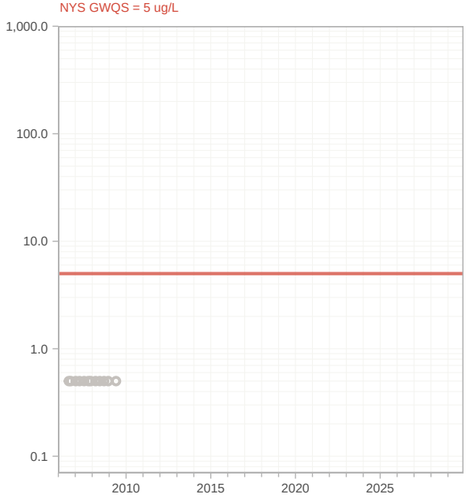
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Toluene (ug/L)



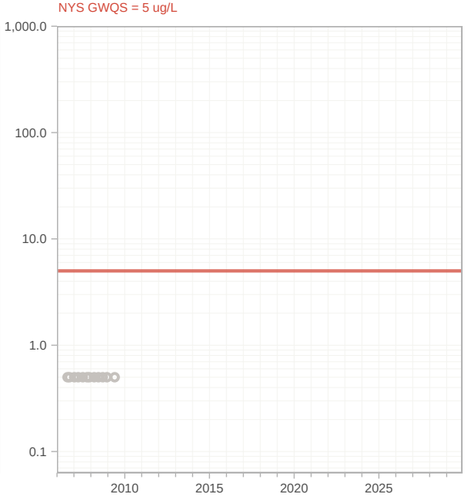
All | N = 12; ND = 6; %ND = 50; M−K = probably decreasing

Ethylbenzene (ug/L)



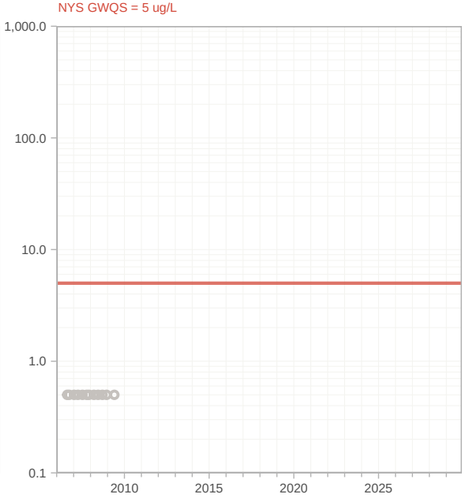
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



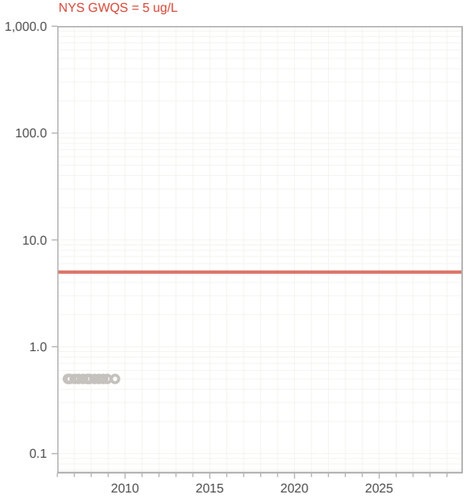
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Notes:
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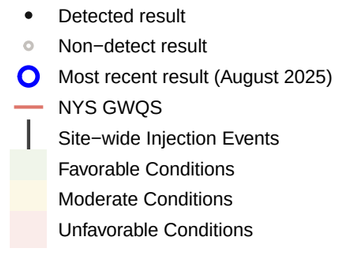
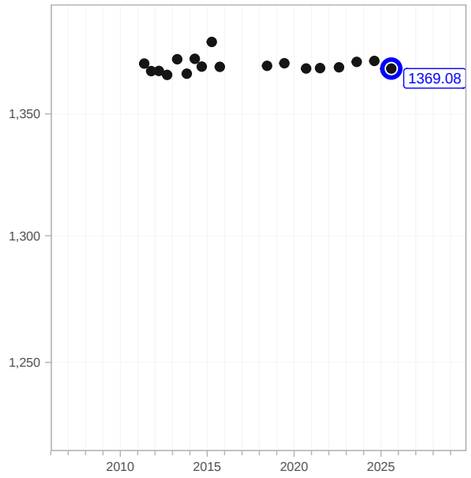
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



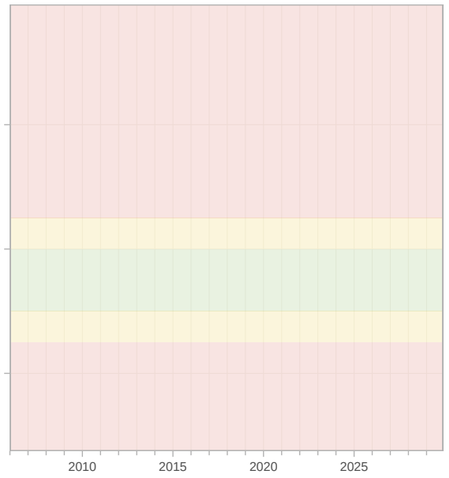
GC−1 PORT 2 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



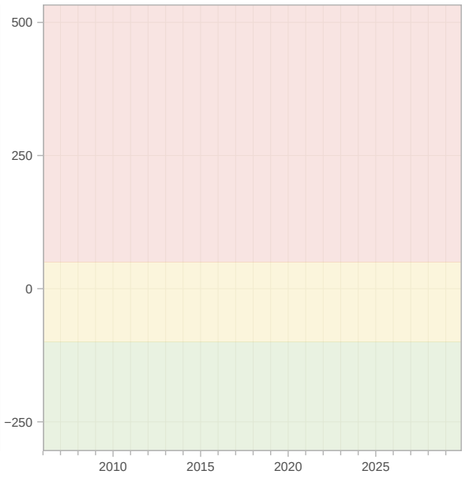
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH



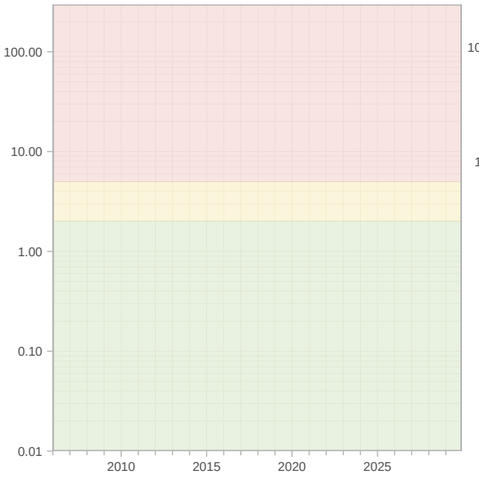
No Data

Oxidation/Reduction Potential



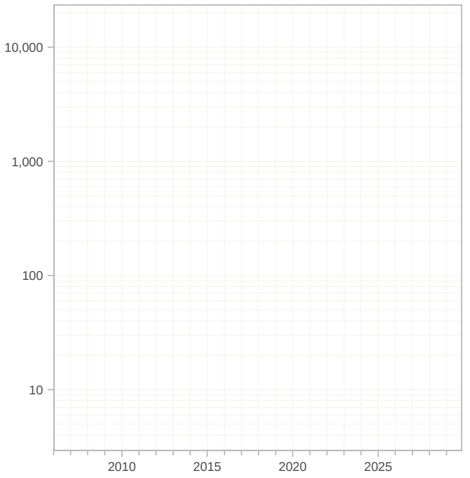
No Data

Dissolved Oxygen



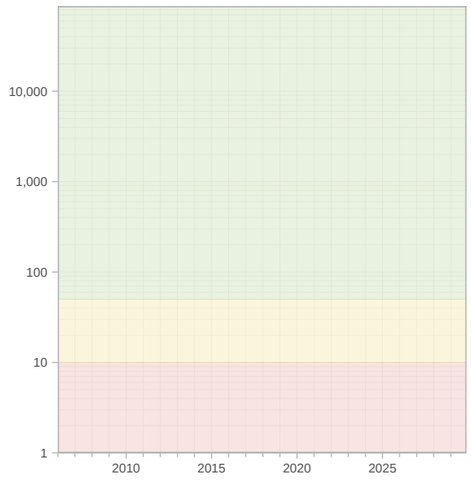
No Data

Specific Conductance



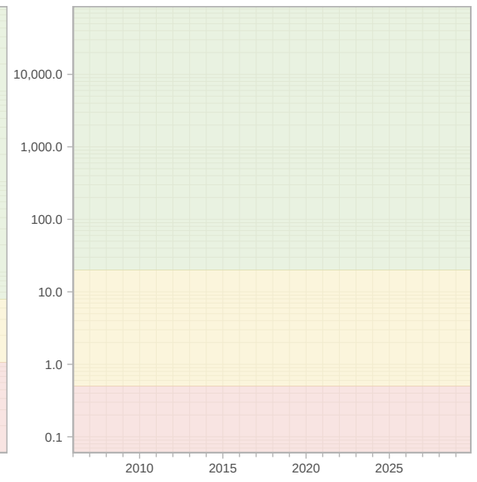
No Data

Sulfide



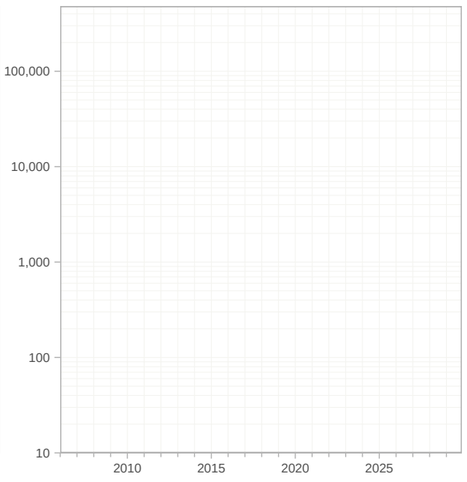
No Data

Methane



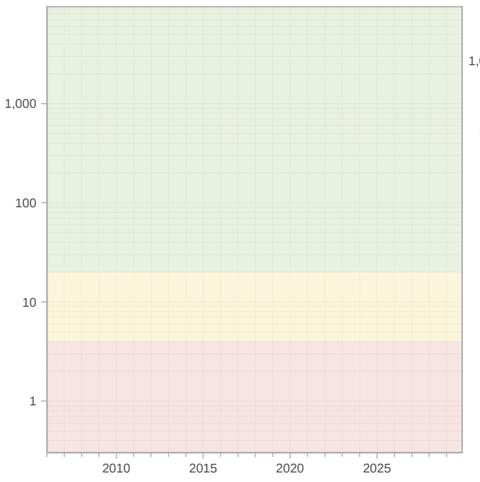
No Data

Iron − Ferrous



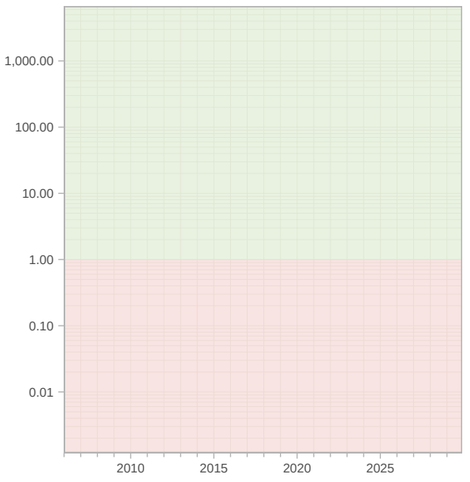
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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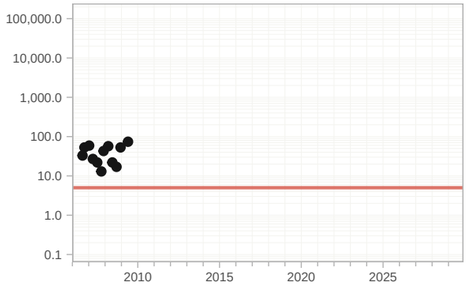
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

GC−1 PORT 3 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

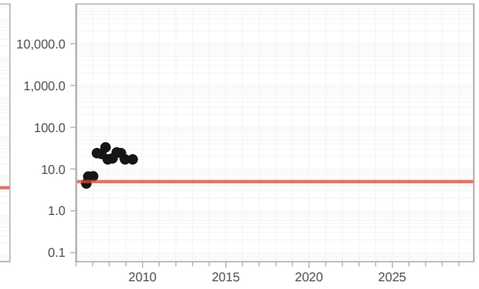
NYS GWQS = 5 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

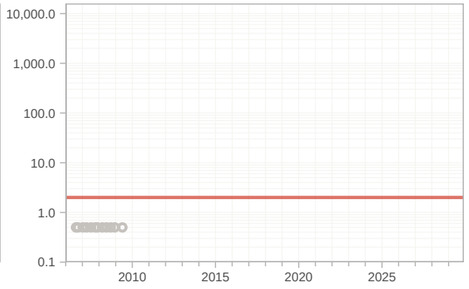
NYS GWQS = 5 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

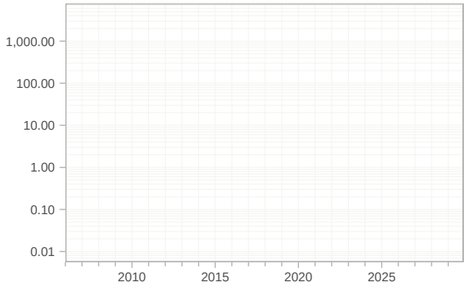
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



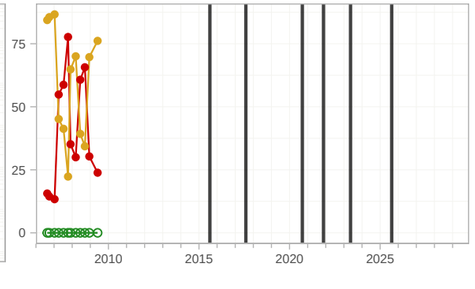
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethane + Ethene



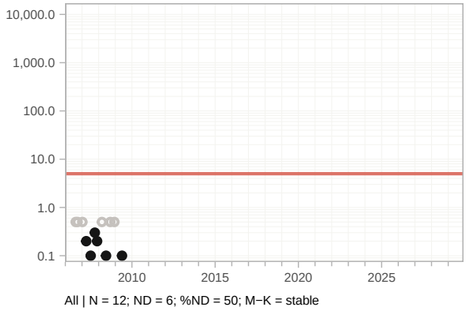
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

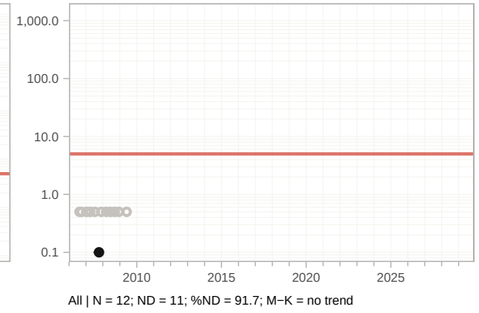
NYS GWQS = 5 ug/L



All | N = 12; ND = 6; %ND = 50; M−K = stable

Dichloroethene (1,1−) (ug/L)

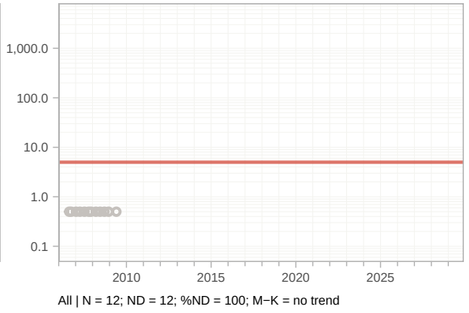
NYS GWQS = 5 ug/L



All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

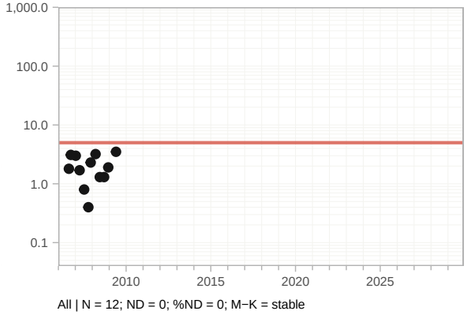
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

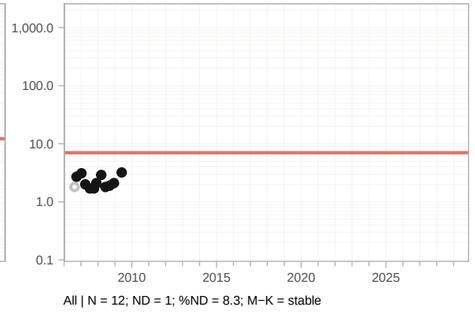
NYS GWQS = 5 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

Chloroform (Trichloromethane) (ug/L)

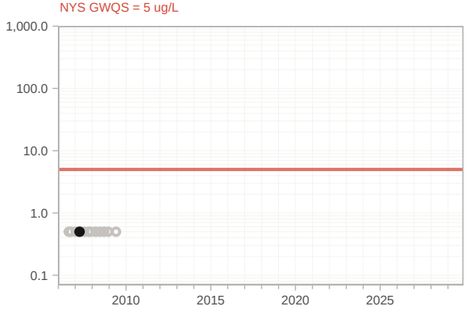
NYS GWQS = 7 ug/L



All | N = 12; ND = 1; %ND = 8.3; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

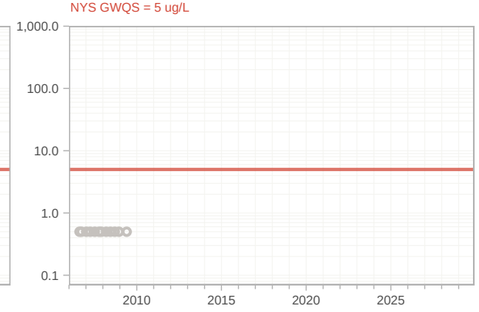
NYS GWQS = 5 ug/L



All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Chloromethane (ug/L)

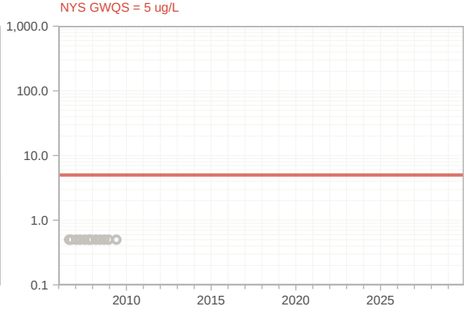
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

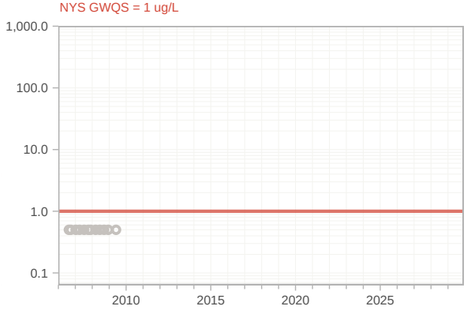
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

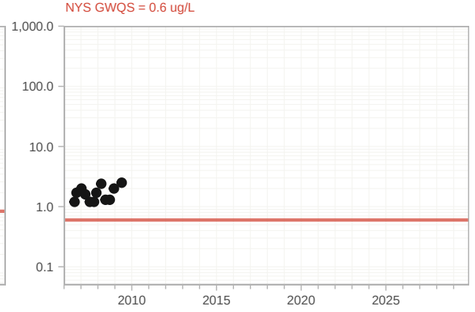
NYS GWQS = 1 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

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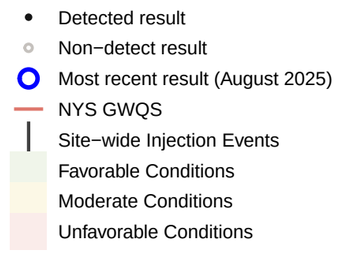
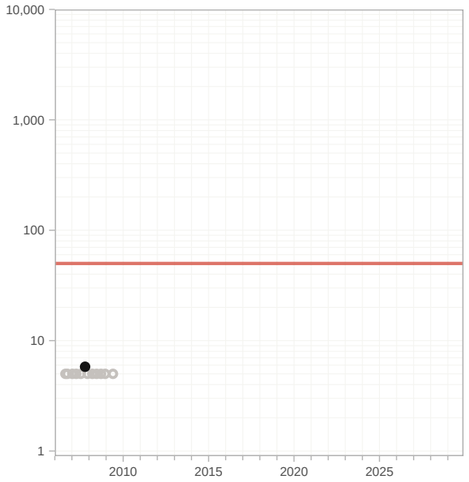


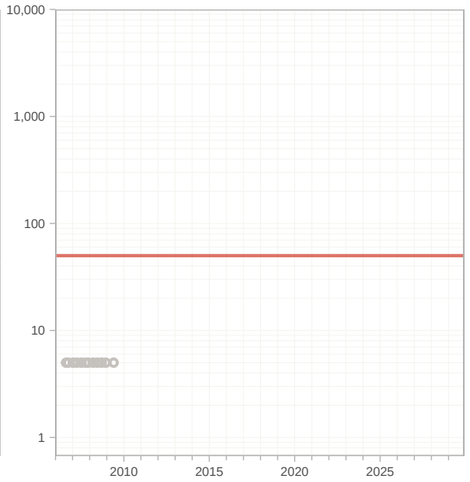
GC−1 PORT 3 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



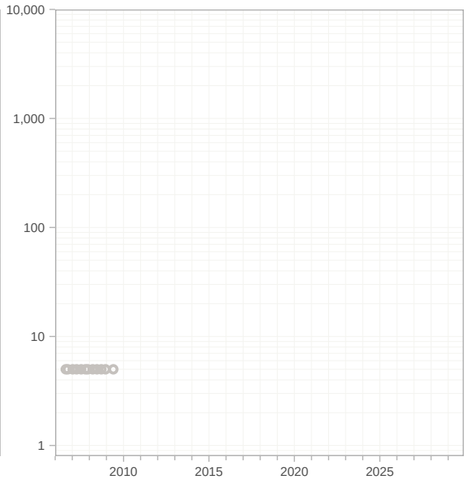
All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Butanone (2−) (MEK) (ug/L)



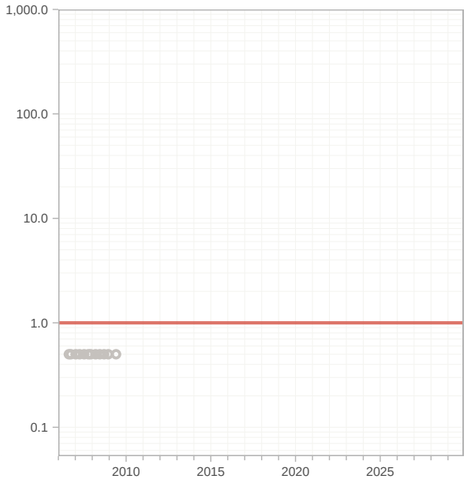
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



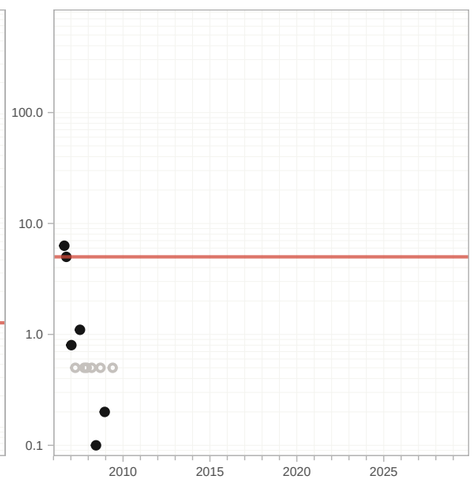
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Benzene (ug/L)



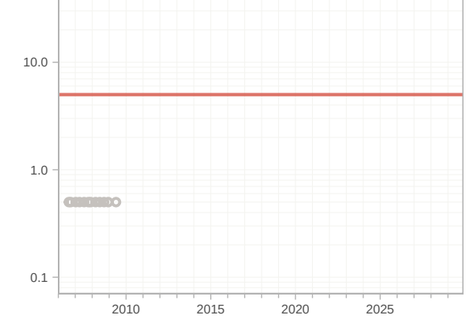
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Toluene (ug/L)



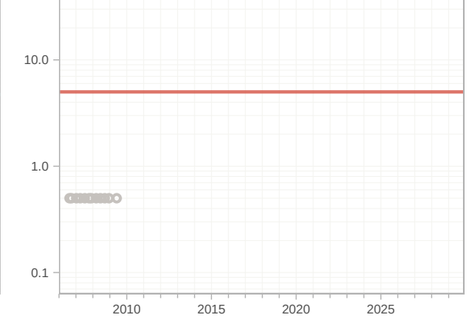
All | N = 12; ND = 6; %ND = 50; M−K = decreasing

Ethylbenzene (ug/L)



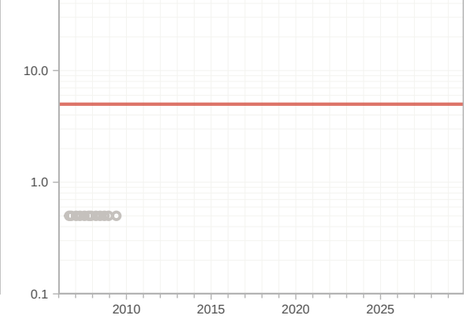
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



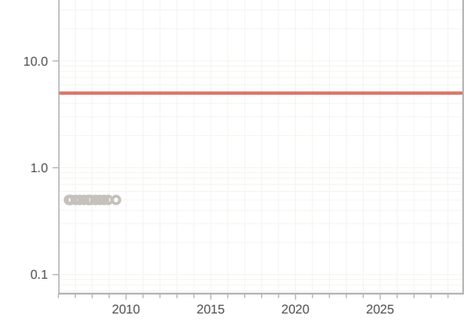
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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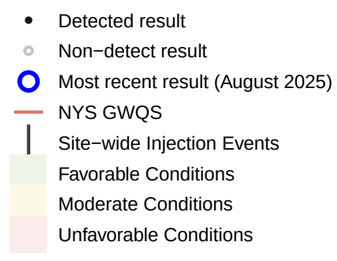
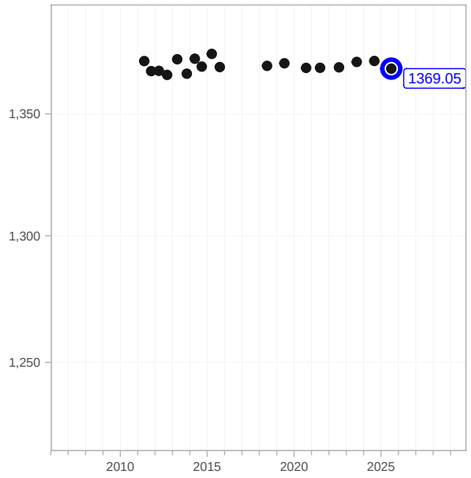
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



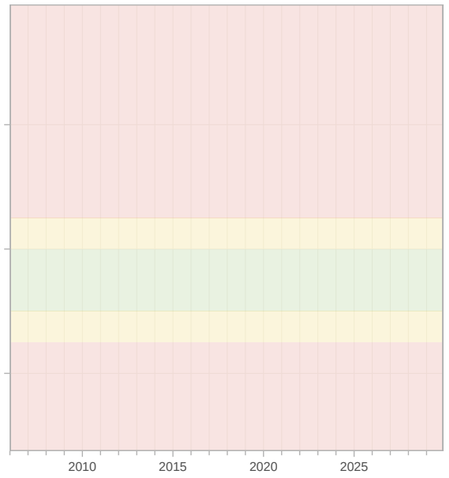
GC−1 PORT 3 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



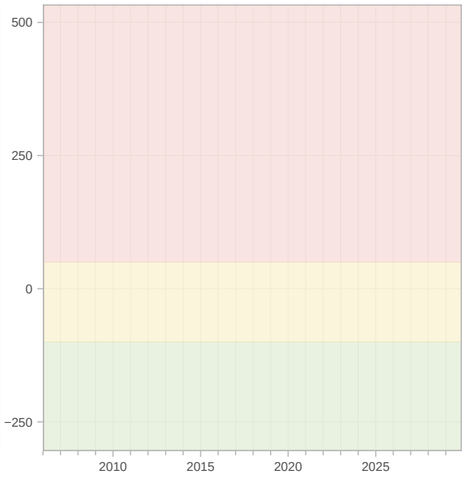
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH



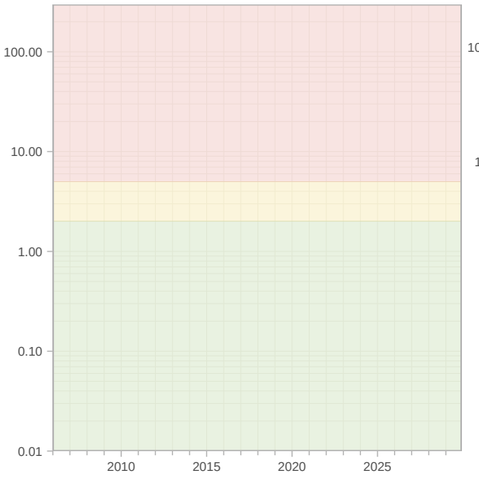
No Data

Oxidation/Reduction Potential



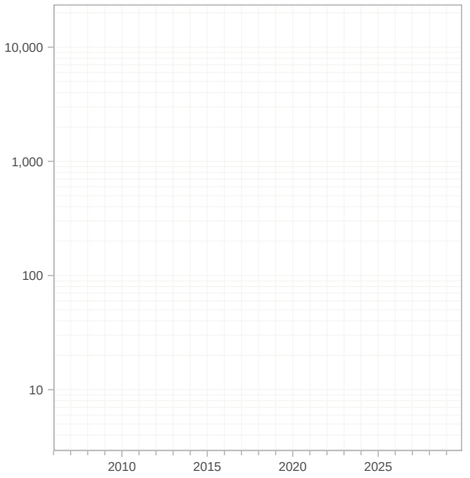
No Data

Dissolved Oxygen



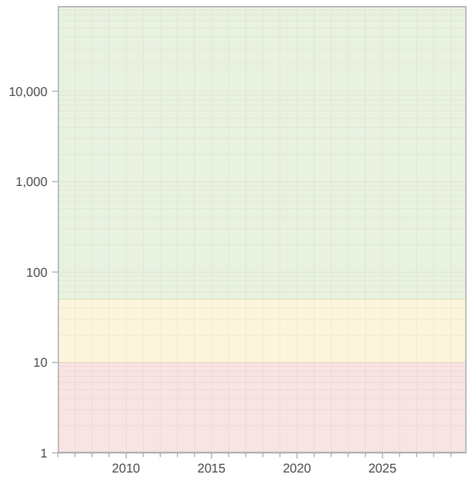
No Data

Specific Conductance



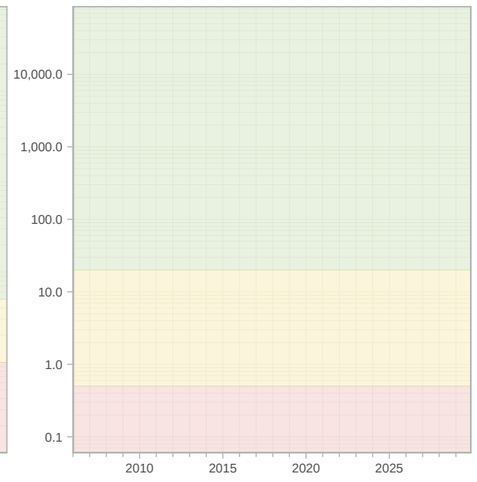
No Data

Sulfide



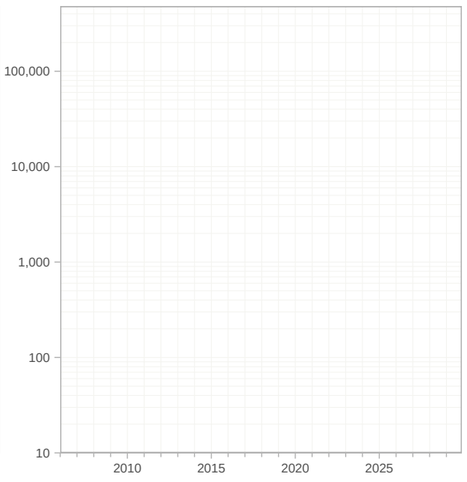
No Data

Methane



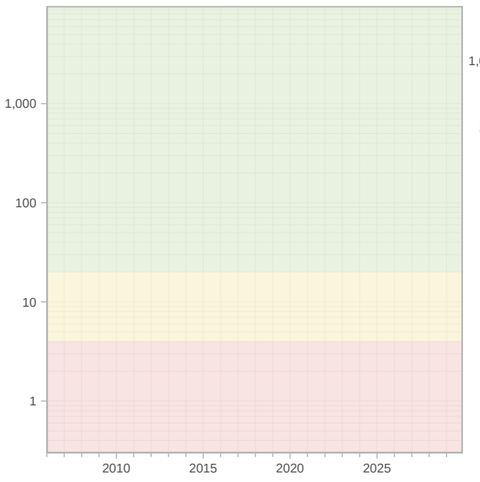
No Data

Iron − Ferrous



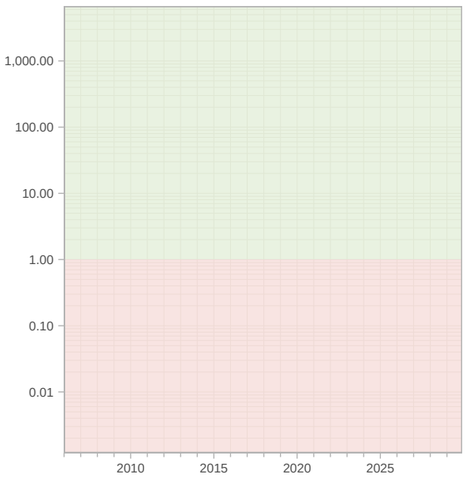
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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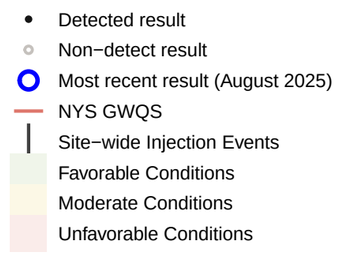
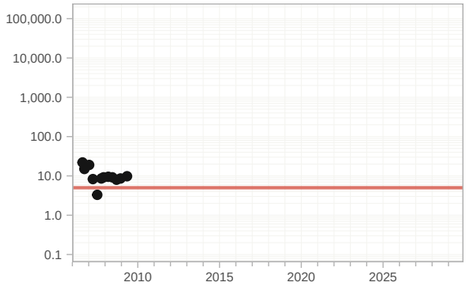


GC−1 PORT 4 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

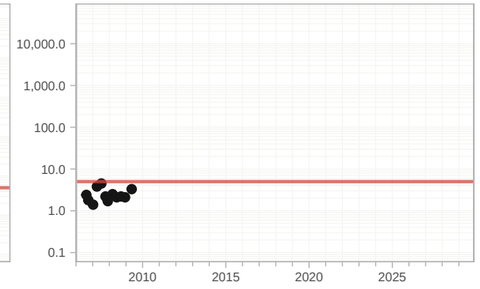
NYS GWQS = 5 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

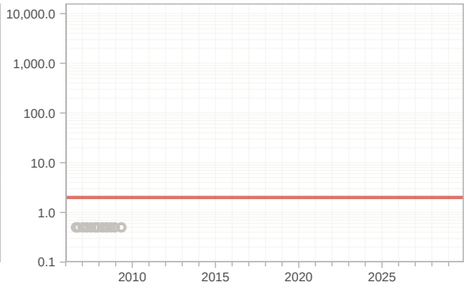
NYS GWQS = 5 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

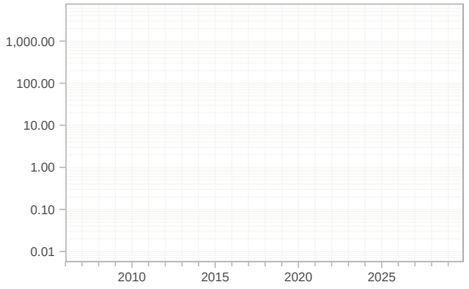
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



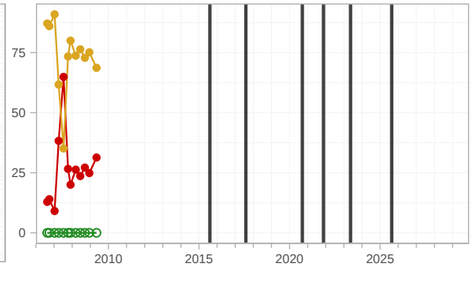
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethane + Ethene



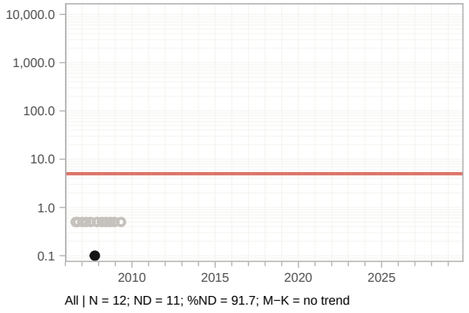
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

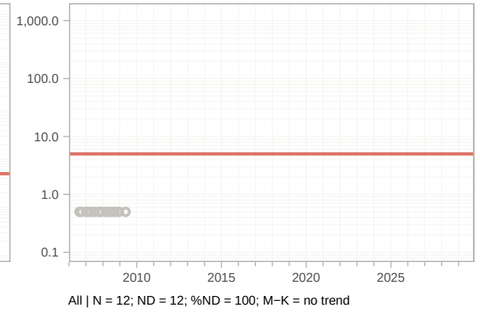
NYS GWQS = 5 ug/L



All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Dichloroethene (1,1−) (ug/L)

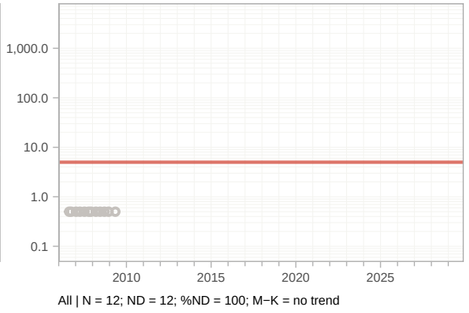
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

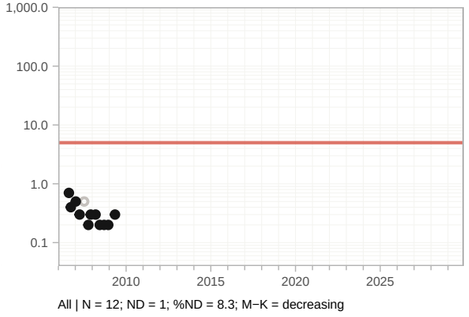
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

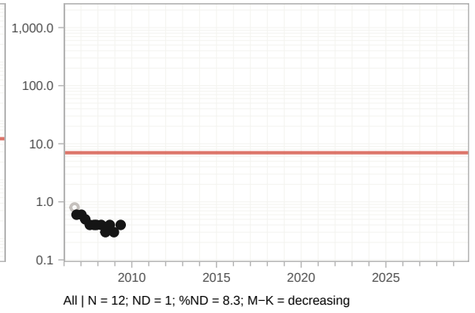
NYS GWQS = 5 ug/L



All | N = 12; ND = 1; %ND = 8.3; M−K = decreasing

Chloroform (Trichloromethane) (ug/L)

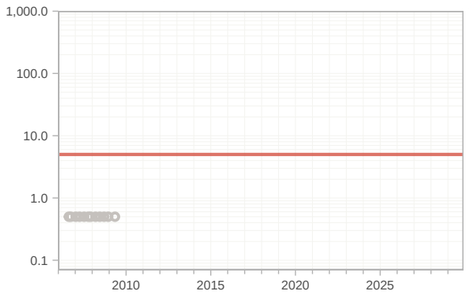
NYS GWQS = 7 ug/L



All | N = 12; ND = 1; %ND = 8.3; M−K = decreasing

Methylene Chloride (Dichloromethane) (ug/L

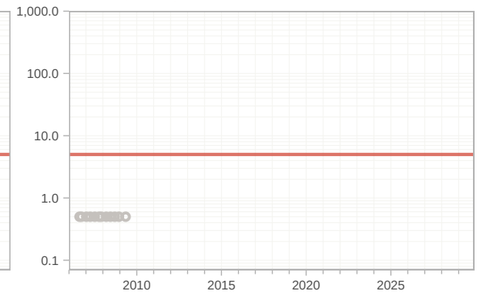
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloromethane (ug/L)

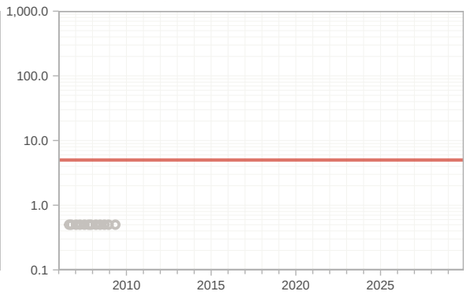
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

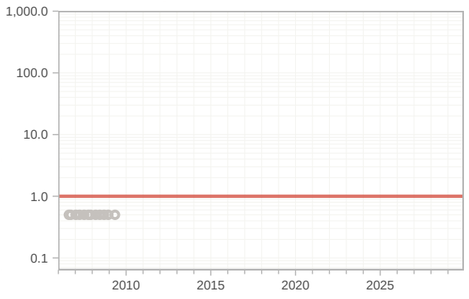
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

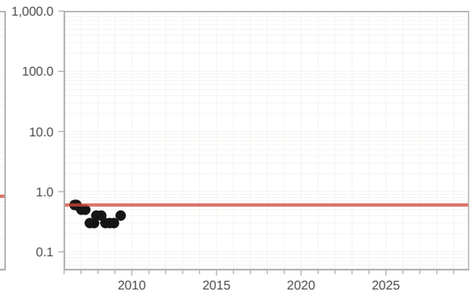
NYS GWQS = 1 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = decreasing

Notes:
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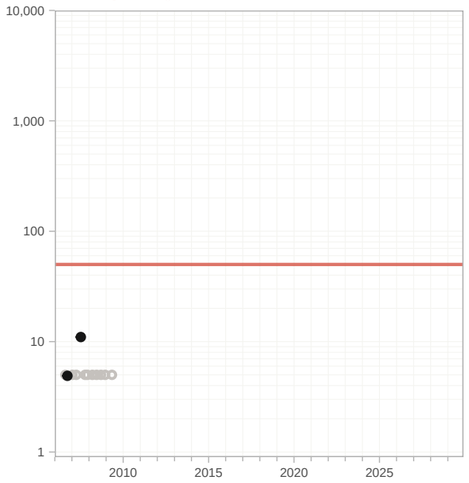
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

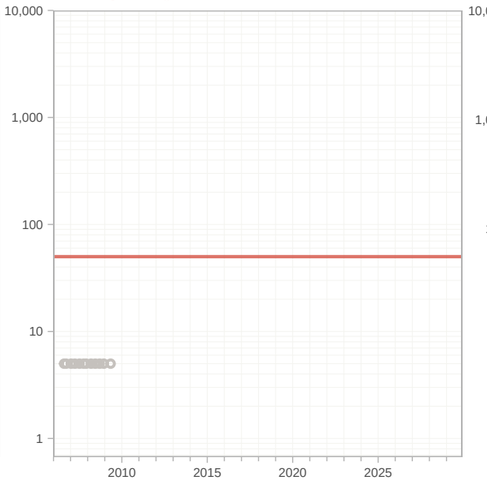
GC−1 PORT 4 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



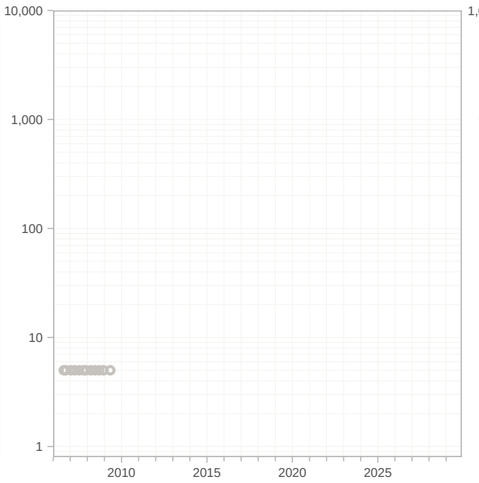
All | N = 12; ND = 10; %ND = 83.3; M−K = no trend

Butanone (2−) (MEK) (ug/L)



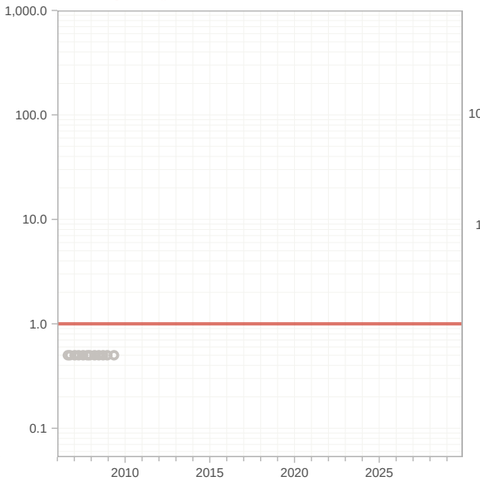
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



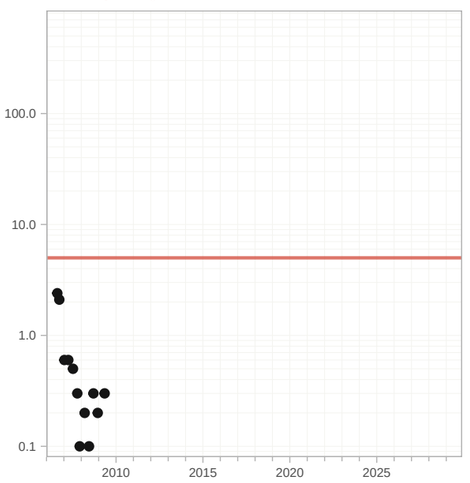
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Benzene (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Toluene (ug/L)



All | N = 12; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)

All | N = 12; ND = 12; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)

All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)

All | N = 12; ND = 12; %ND = 100; M−K = no trend

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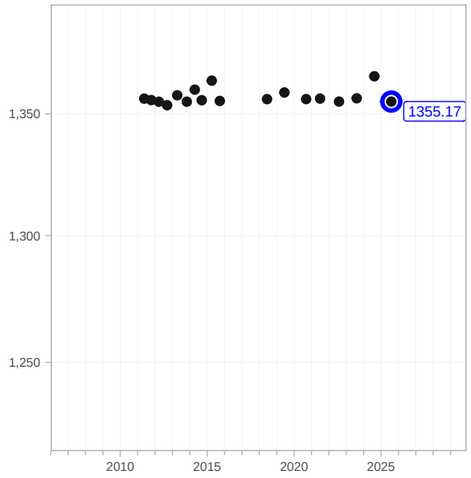
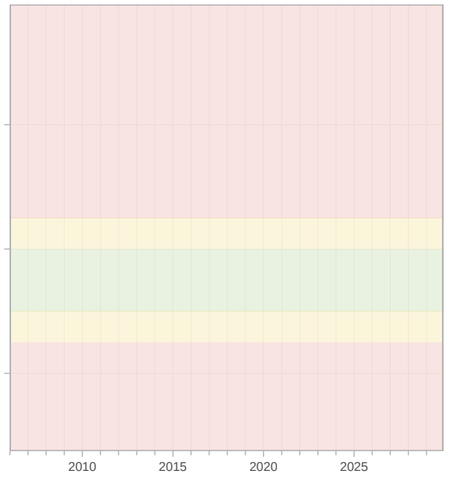
GC−1 PORT 4 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



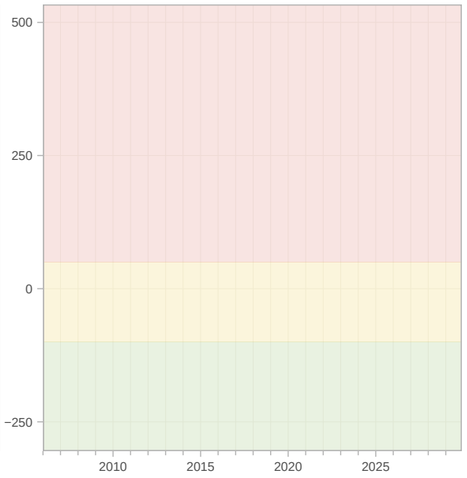
All | N = 18; ND = 0; %ND = 0; M−K = stable

pH



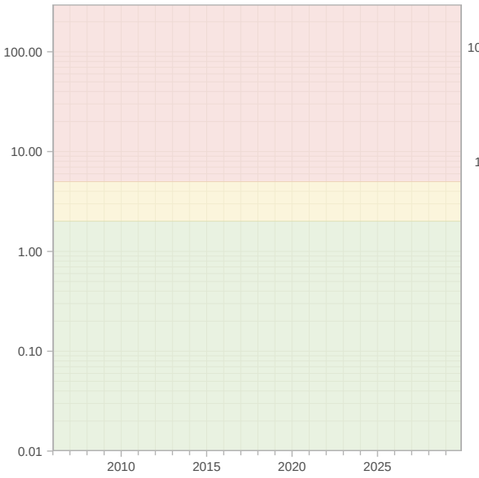
No Data

Oxidation/Reduction Potential



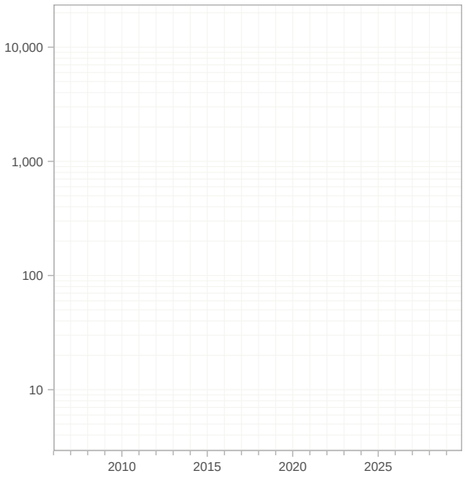
No Data

Dissolved Oxygen



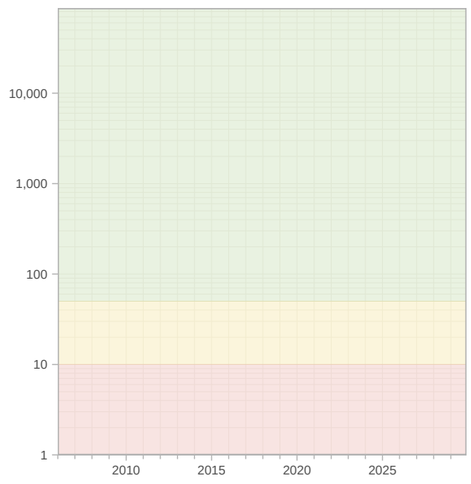
No Data

Specific Conductance



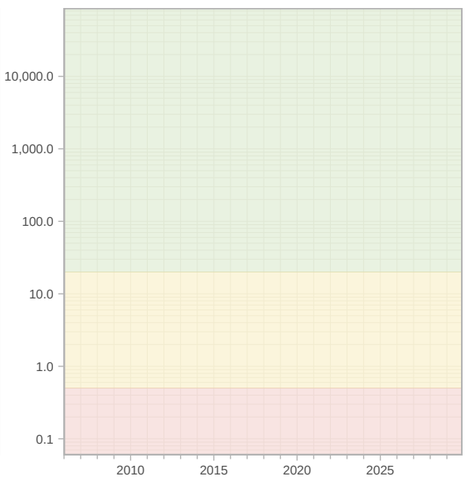
No Data

Sulfide



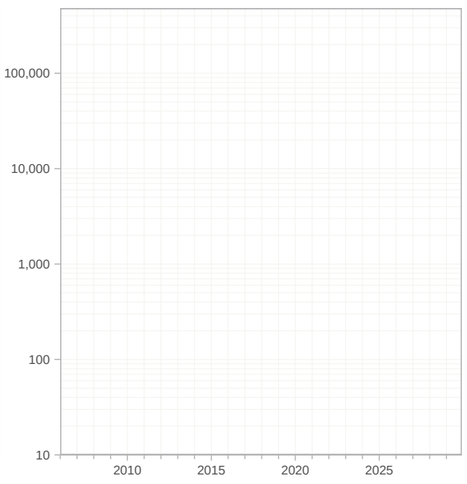
No Data

Methane



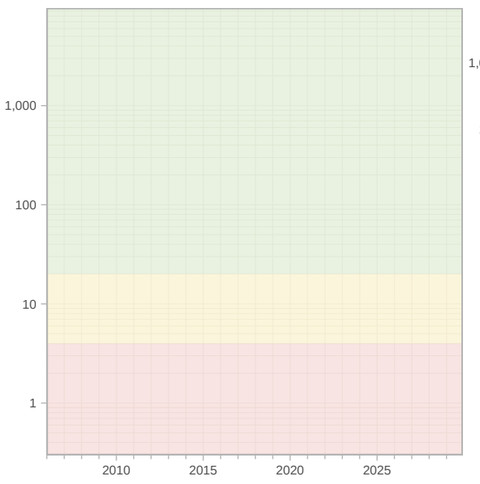
No Data

Iron − Ferrous



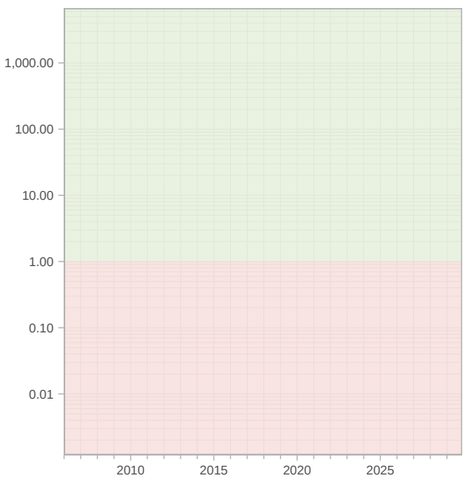
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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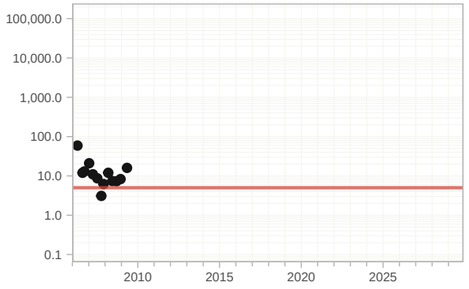
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

GC−1 PORT 5 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

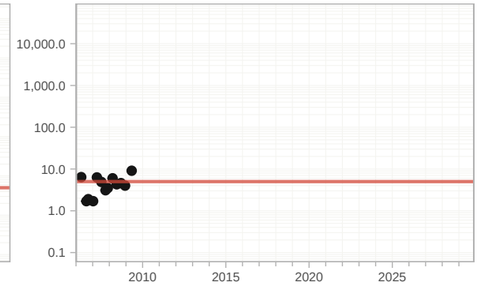
NYS GWQS = 5 ug/L



All | N = 13; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

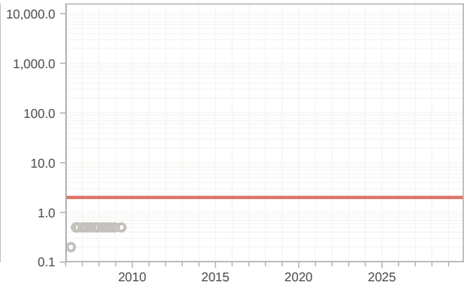
NYS GWQS = 5 ug/L



All | N = 13; ND = 0; %ND = 0; M−K = stable

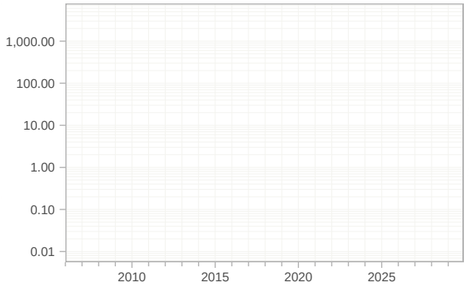
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



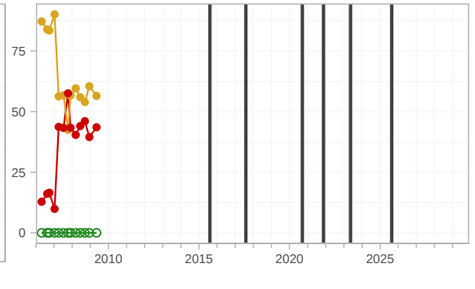
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Ethane + Ethene



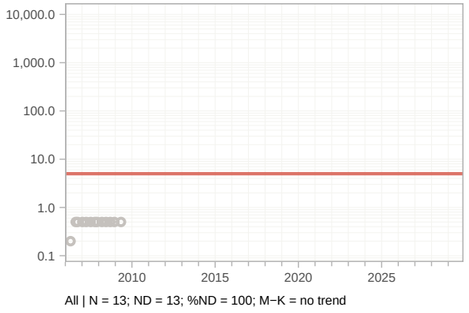
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

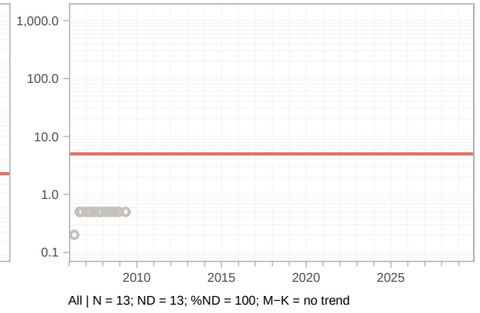
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

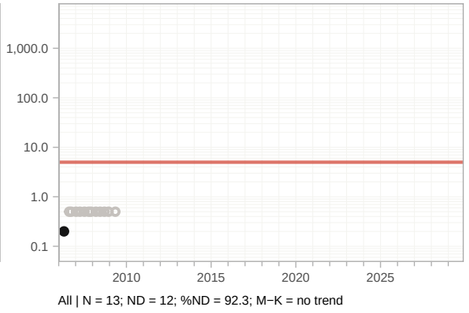
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

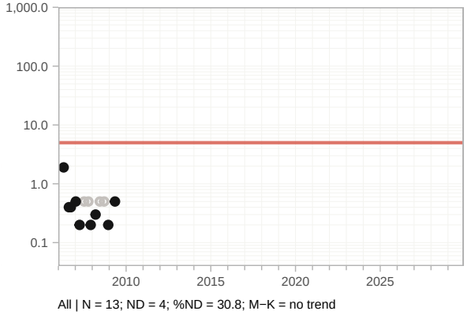
NYS GWQS = 5 ug/L



All | N = 13; ND = 12; %ND = 92.3; M−K = no trend

Carbon tetrachloride (ug/L)

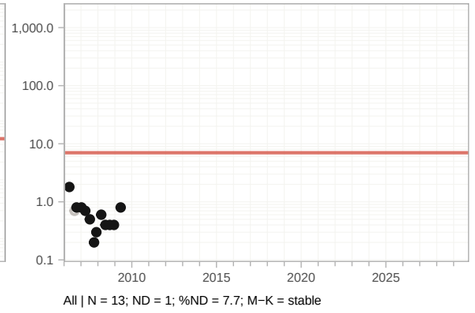
NYS GWQS = 5 ug/L



All | N = 13; ND = 4; %ND = 30.8; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

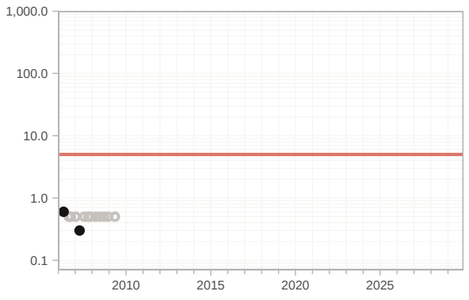
NYS GWQS = 7 ug/L



All | N = 13; ND = 1; %ND = 7.7; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

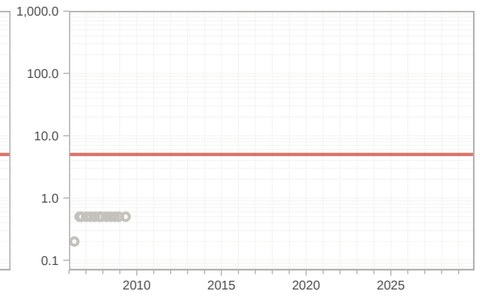
NYS GWQS = 5 ug/L



All | N = 13; ND = 11; %ND = 84.6; M−K = no trend

Chloromethane (ug/L)

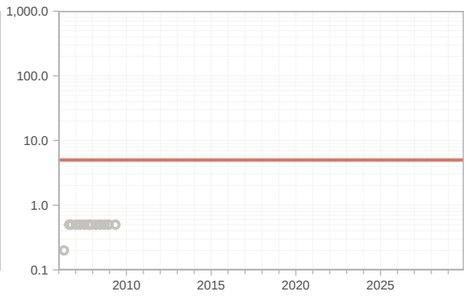
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

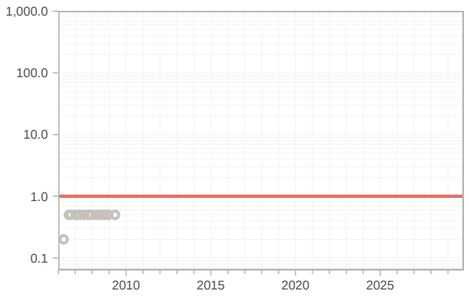
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

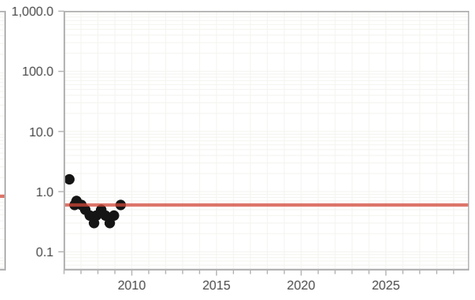
NYS GWQS = 1 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 13; ND = 0; %ND = 0; M−K = decreasing

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- Detected result
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- Most recent result (August 2025)
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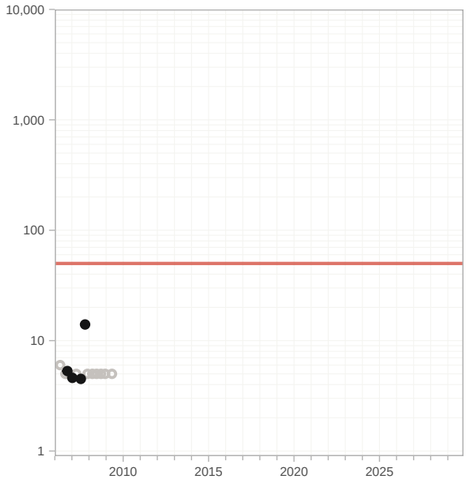
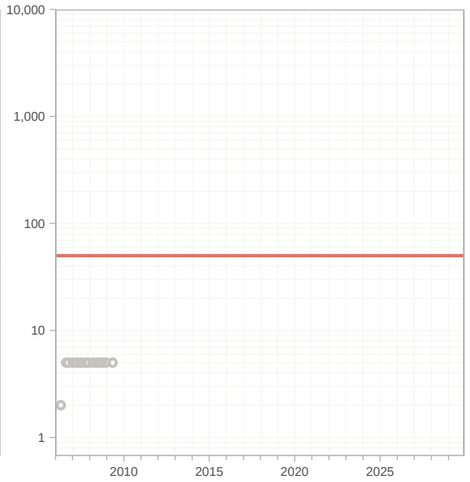
GC−1 PORT 5 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



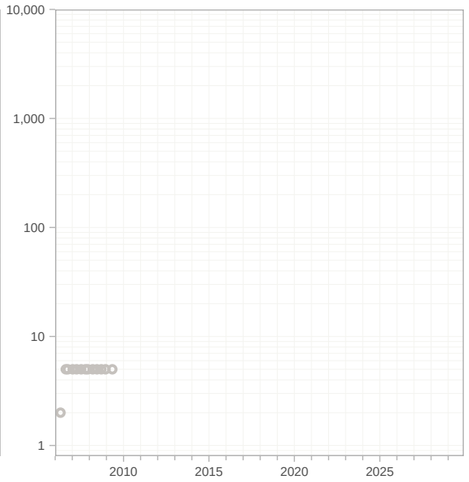
All | N = 13; ND = 9; %ND = 69.2; M−K = stable

Butanone (2−) (MEK) (ug/L)



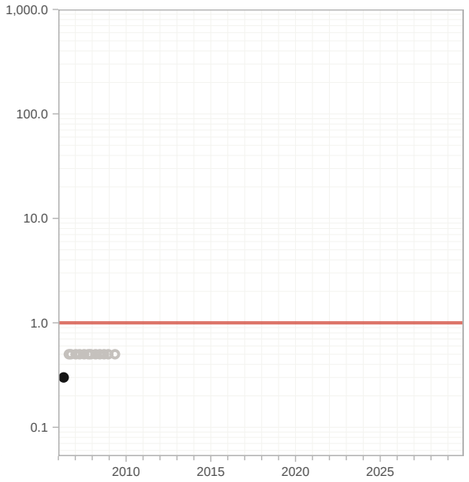
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



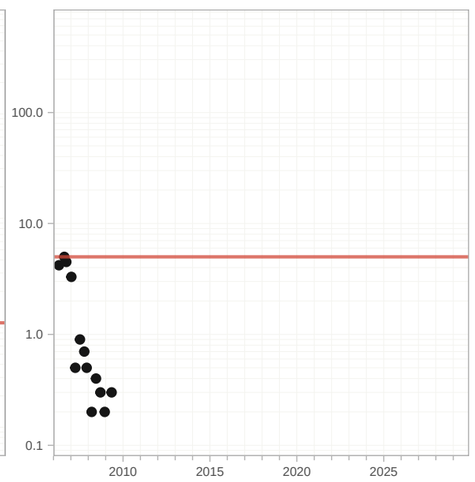
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Benzene (ug/L)



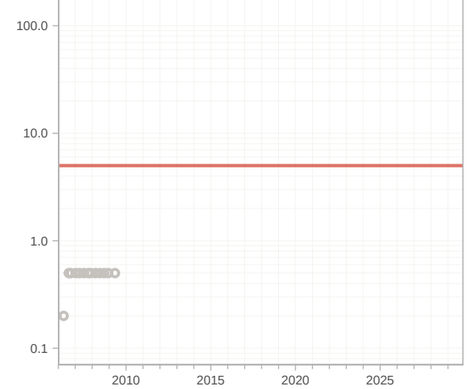
All | N = 13; ND = 12; %ND = 92.3; M−K = no trend

Toluene (ug/L)



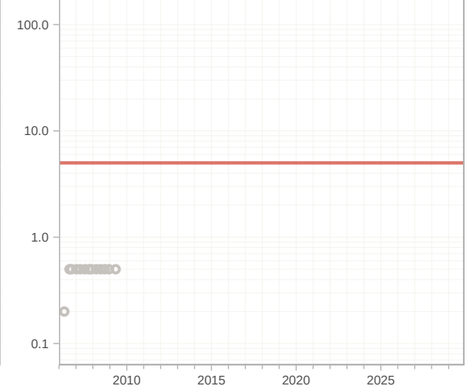
All | N = 13; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



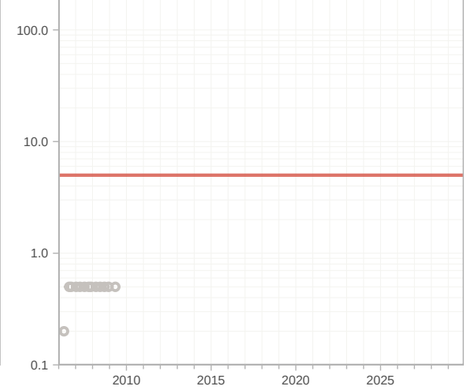
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



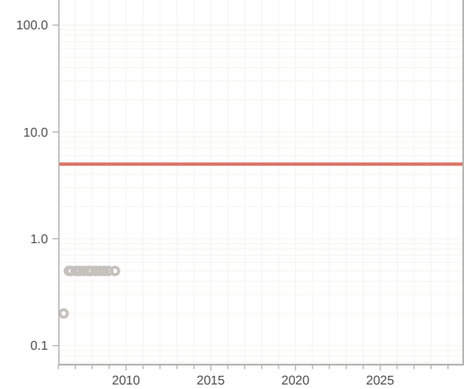
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 13; ND = 13; %ND = 100; M−K = no trend

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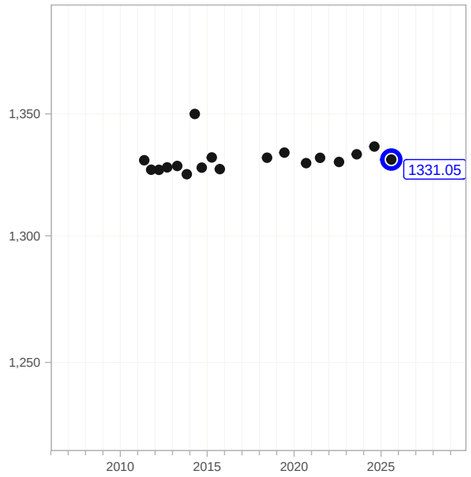
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

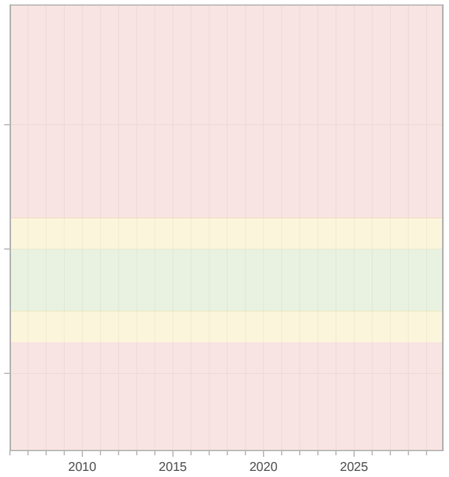
GC−1 PORT 5 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



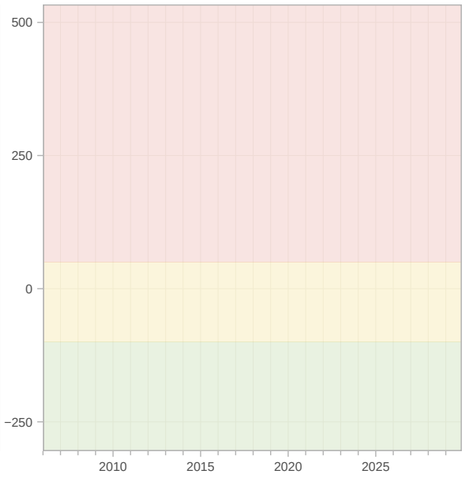
All | N = 18; ND = 0; %ND = 0; M−K = increasing

pH



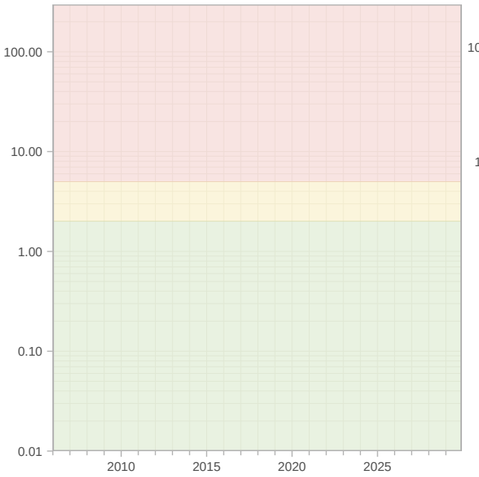
No Data

Oxidation/Reduction Potential



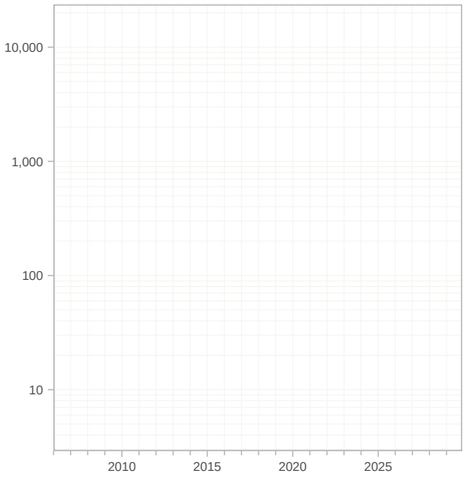
No Data

Dissolved Oxygen



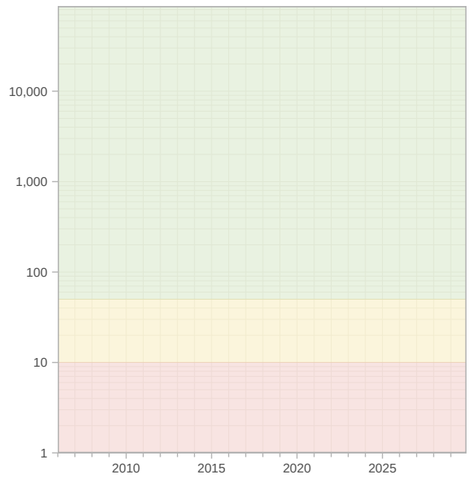
No Data

Specific Conductance



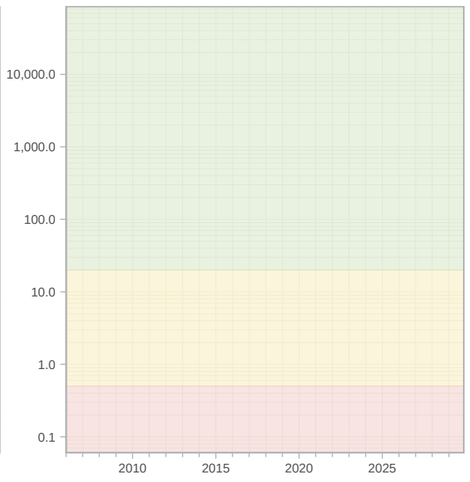
No Data

Sulfide



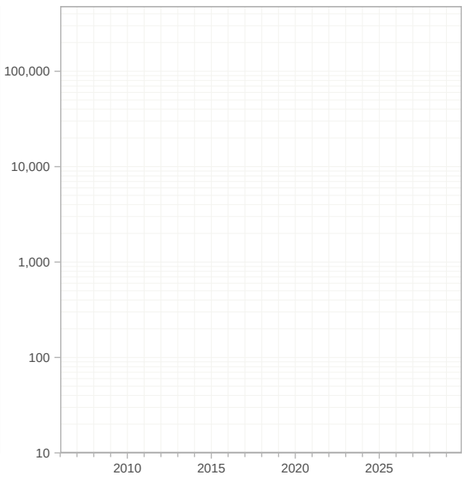
No Data

Methane



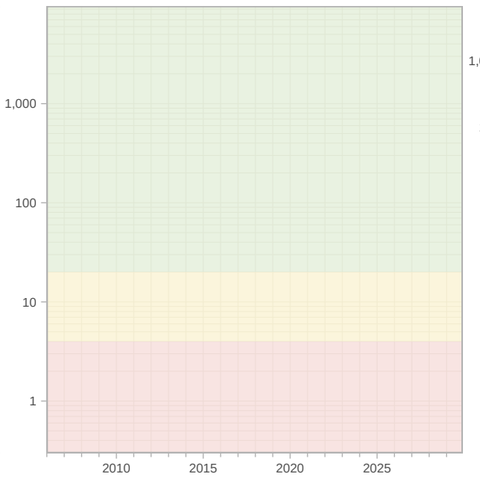
No Data

Iron − Ferrous



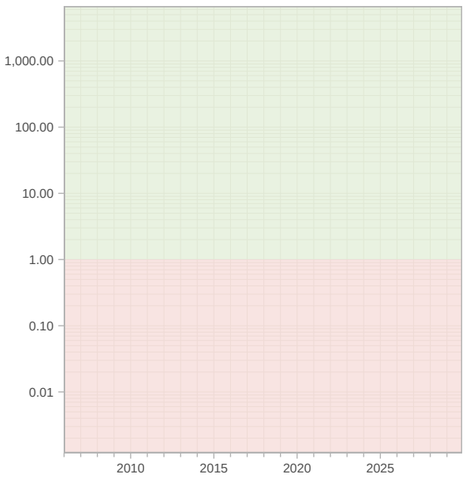
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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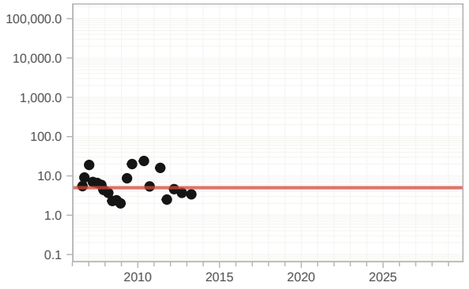
GC−1 PORT 6 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

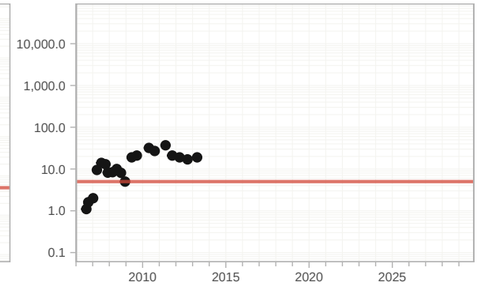
NYS GWQS = 5 ug/L



All | N = 20; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

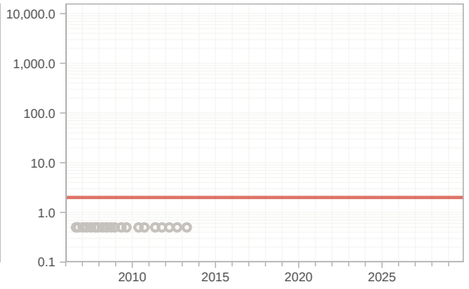
NYS GWQS = 5 ug/L



All | N = 20; ND = 0; %ND = 0; M−K = strong increasing

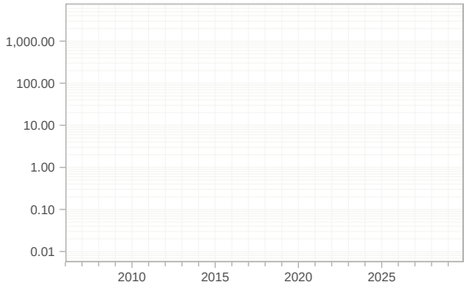
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



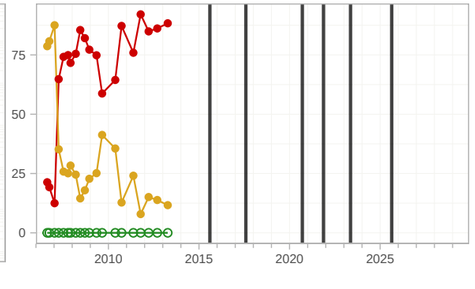
All | N = 20; ND = 20; %ND = 100; M−K = no trend

Ethane + Ethene



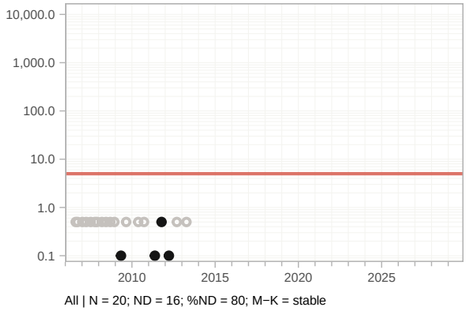
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

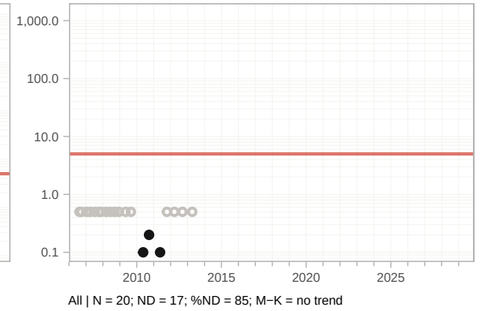
NYS GWQS = 5 ug/L



All | N = 20; ND = 16; %ND = 80; M−K = stable

Dichloroethene (1,1−) (ug/L)

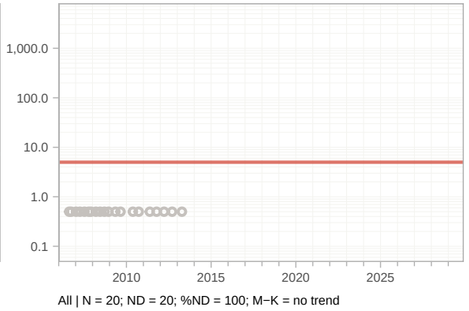
NYS GWQS = 5 ug/L



All | N = 20; ND = 17; %ND = 85; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

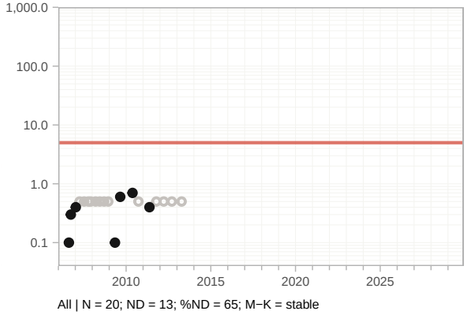
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

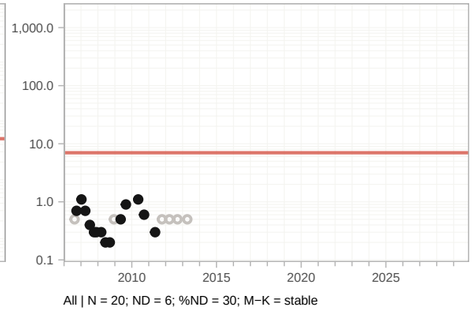
NYS GWQS = 5 ug/L



All | N = 20; ND = 13; %ND = 65; M−K = stable

Chloroform (Trichloromethane) (ug/L)

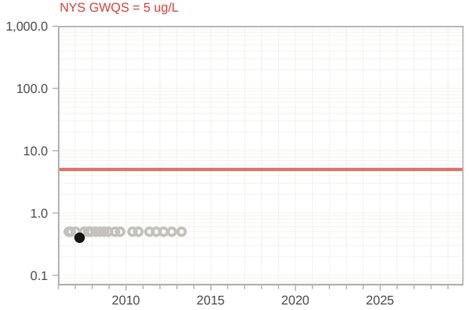
NYS GWQS = 7 ug/L



All | N = 20; ND = 6; %ND = 30; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

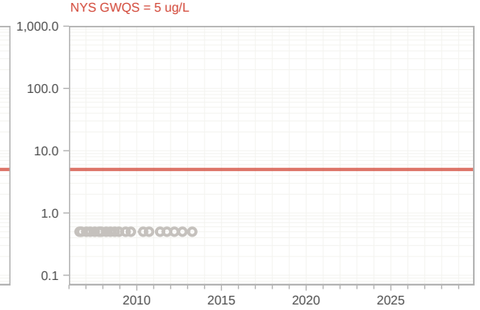
NYS GWQS = 5 ug/L



All | N = 20; ND = 19; %ND = 95; M−K = no trend

Chloromethane (ug/L)

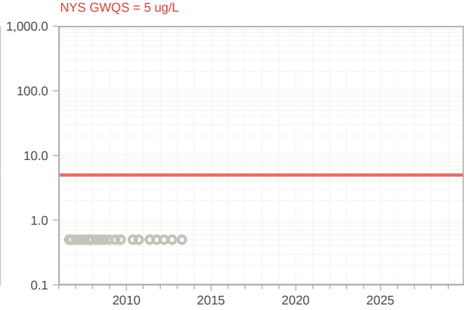
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

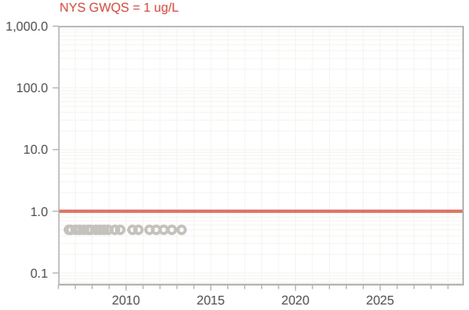
NYS GWQS = 5 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

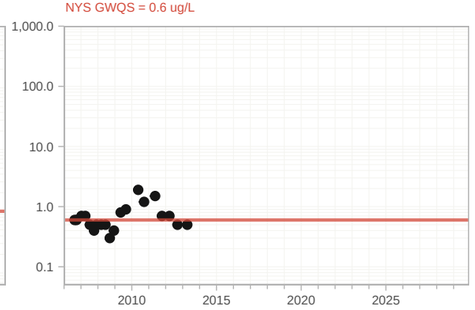
NYS GWQS = 1 ug/L



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 20; ND = 0; %ND = 0; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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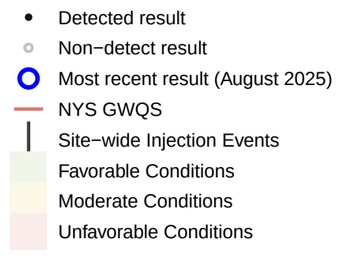
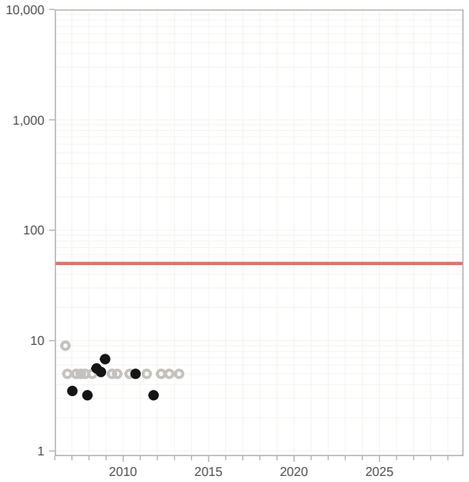


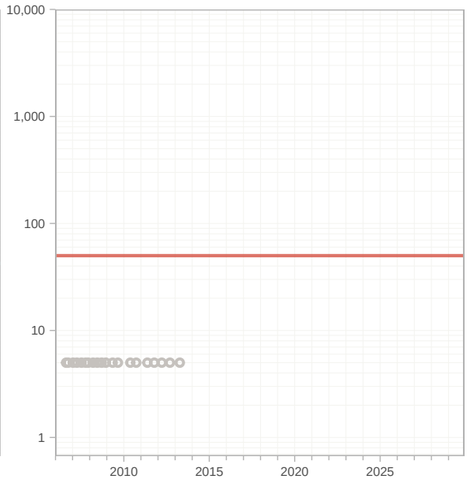
GC−1 PORT 6 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



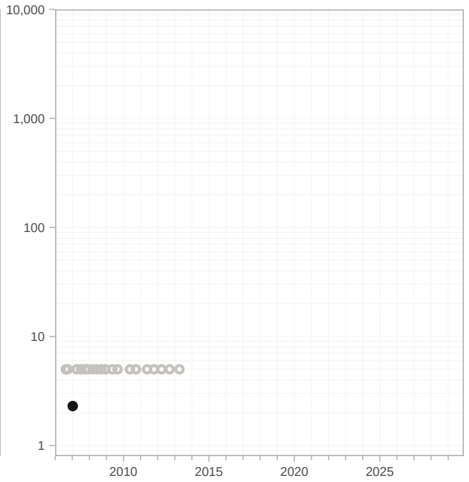
All | N = 20; ND = 13; %ND = 65; M−K = stable

Butanone (2−) (MEK) (ug/L)



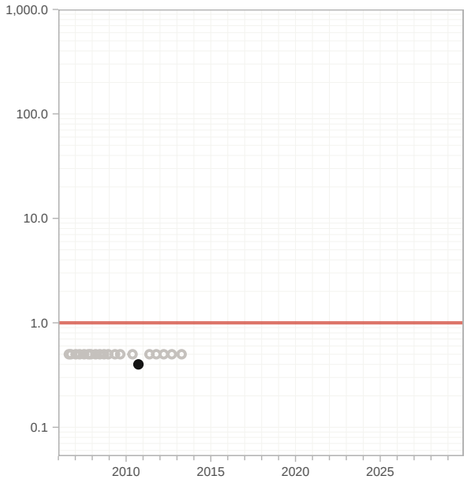
All | N = 20; ND = 20; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



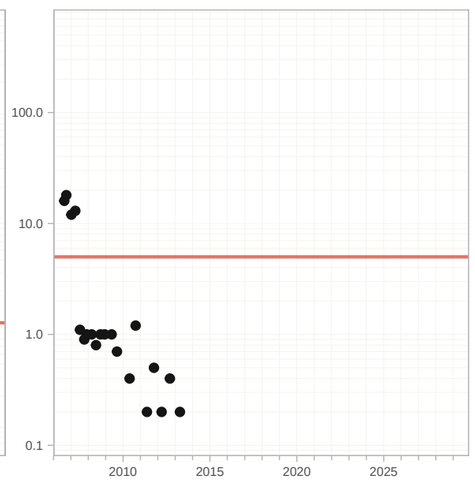
All | N = 20; ND = 19; %ND = 95; M−K = no trend

Benzene (ug/L)



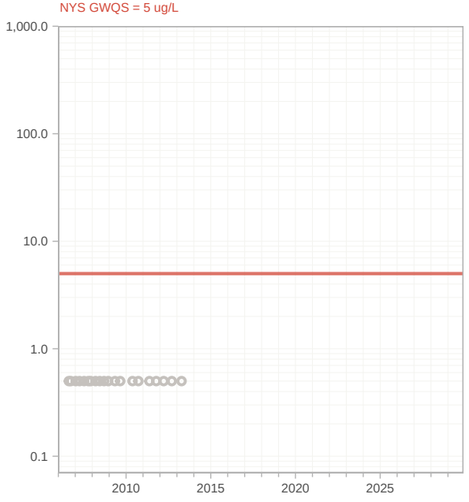
All | N = 20; ND = 19; %ND = 95; M−K = no trend

Toluene (ug/L)



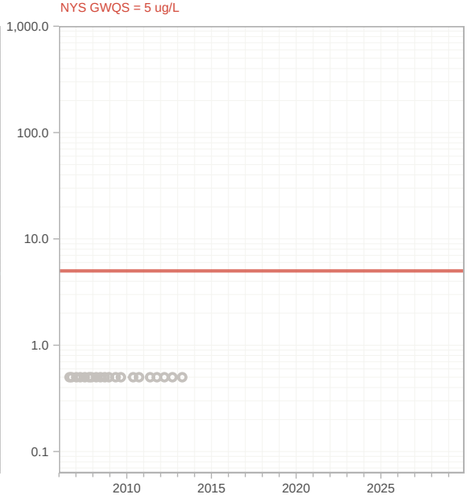
All | N = 20; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



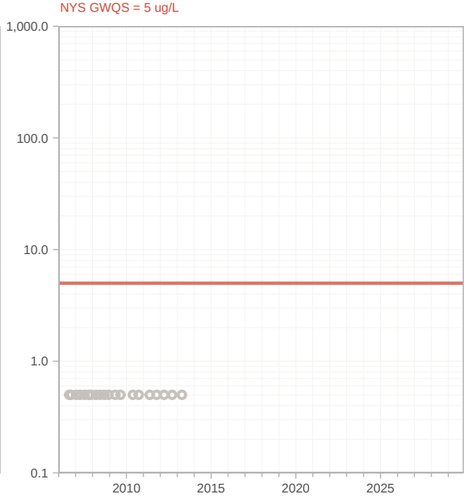
All | N = 20; ND = 20; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



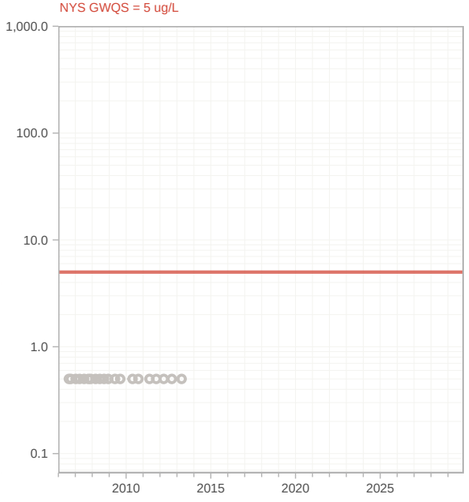
All | N = 20; ND = 20; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 20; ND = 20; %ND = 100; M−K = no trend

Notes:
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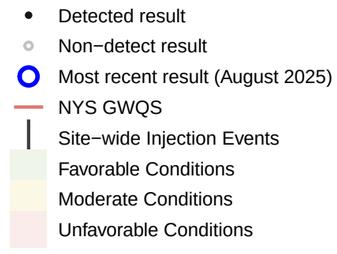
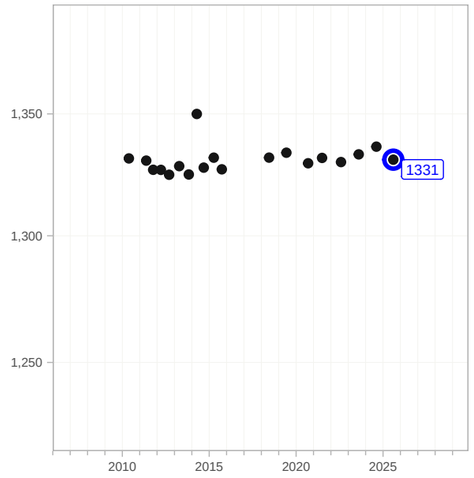


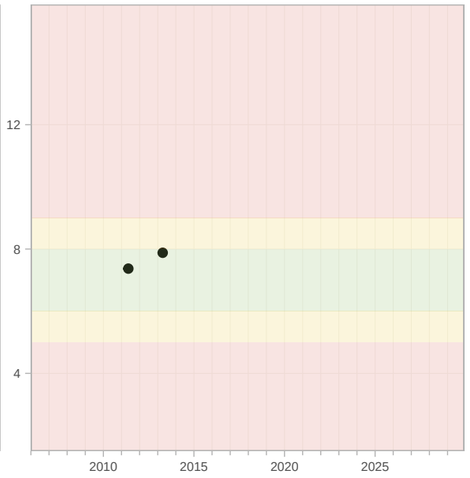
GC−1 PORT 6 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



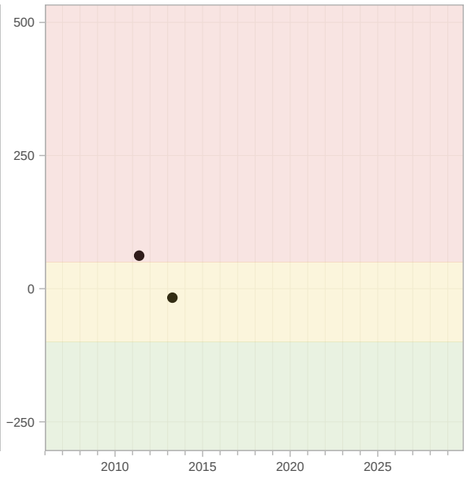
All | N = 19; ND = 0; %ND = 0; M−K = probably increasing

pH (SU)



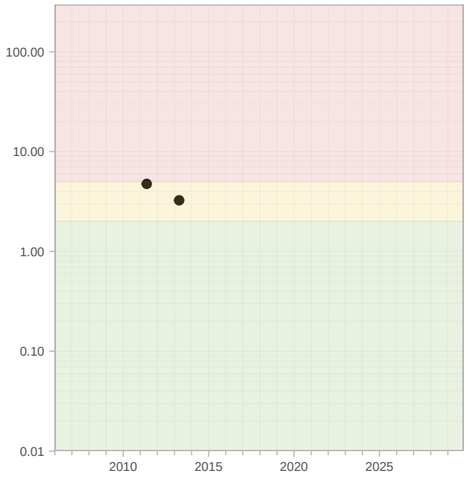
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



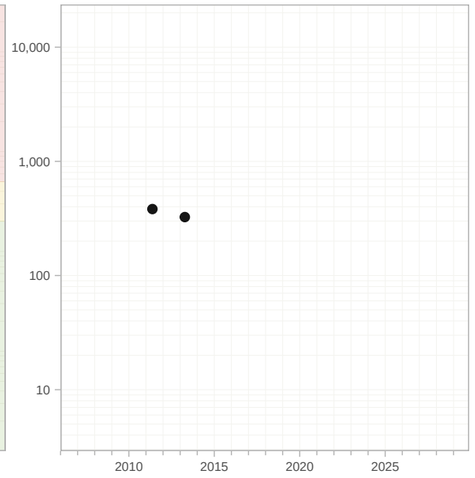
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



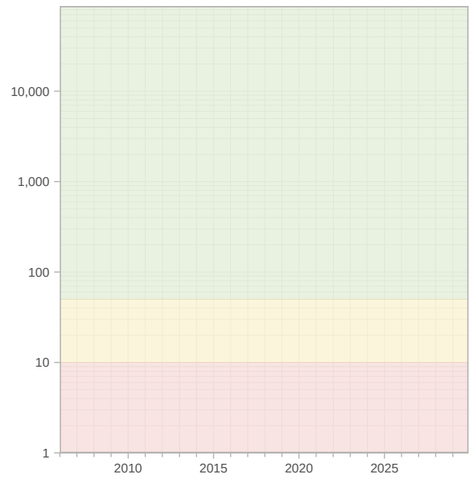
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



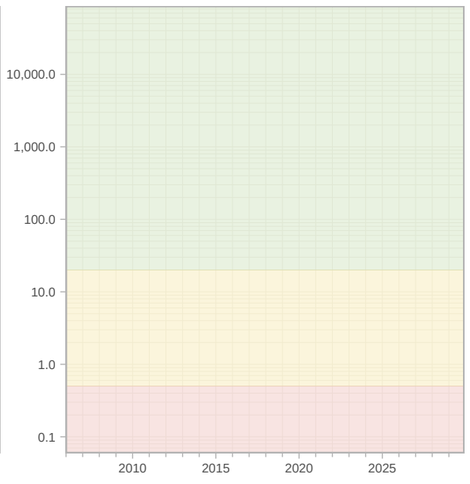
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



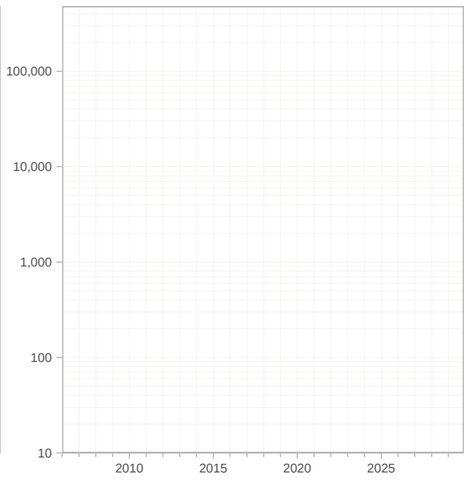
No Data

Methane



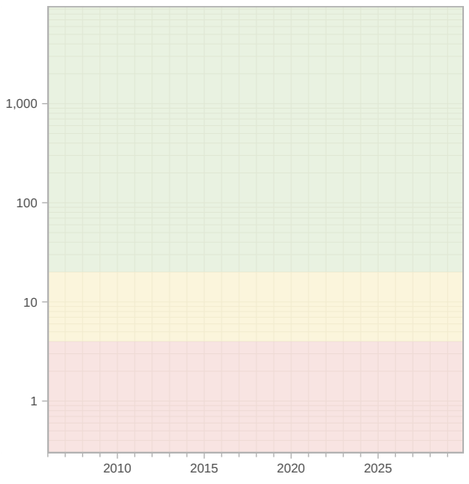
No Data

Iron − Ferrous



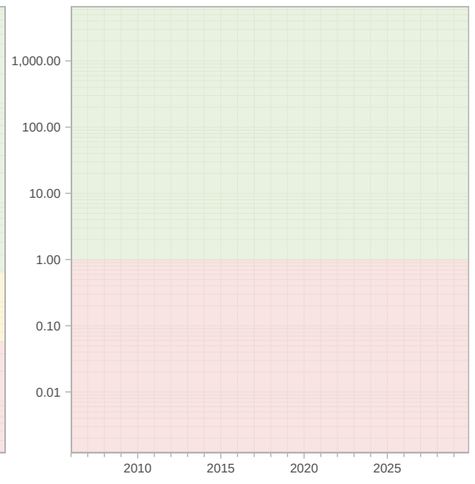
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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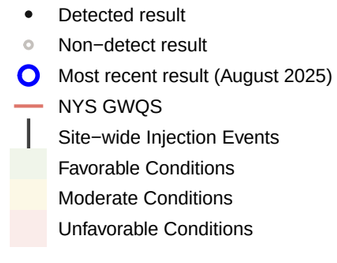
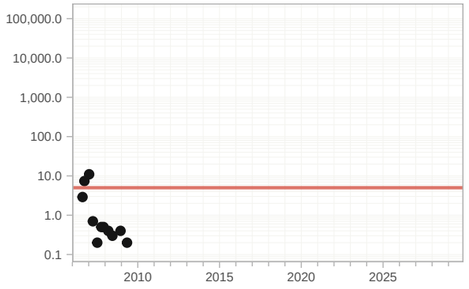
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



GC−1 PORT 7 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

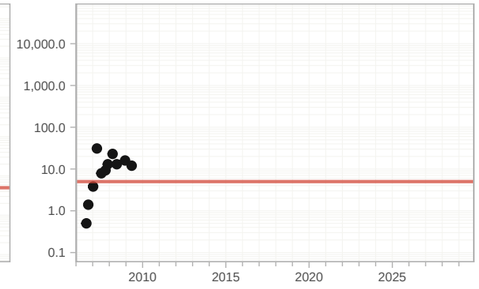
NYS GWQS = 5 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

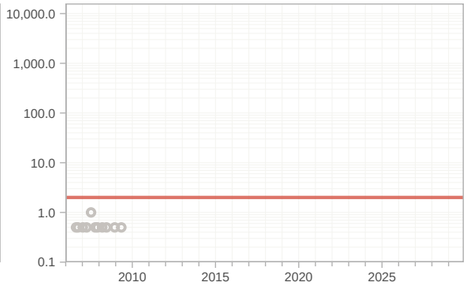
NYS GWQS = 5 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = increasing

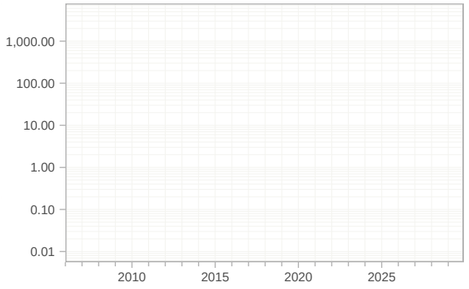
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



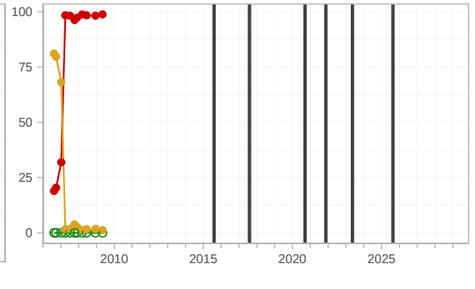
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Ethane + Ethene



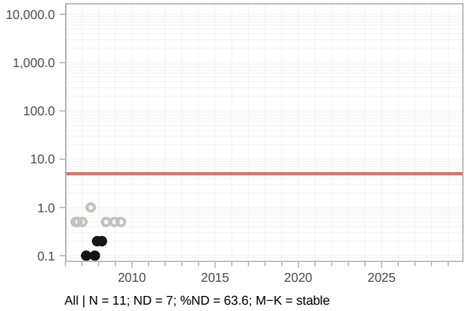
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

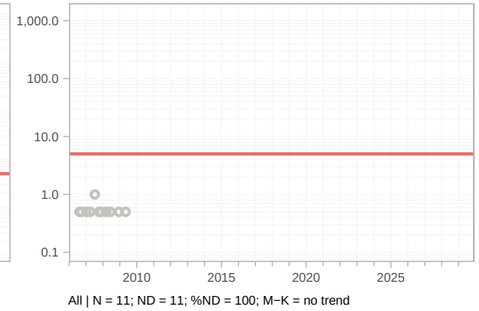
NYS GWQS = 5 ug/L



All | N = 11; ND = 7; %ND = 63.6; M−K = stable

Dichloroethene (1,1−) (ug/L)

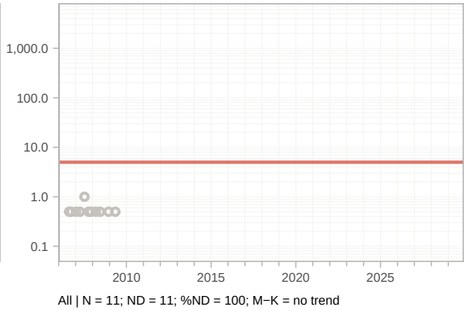
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

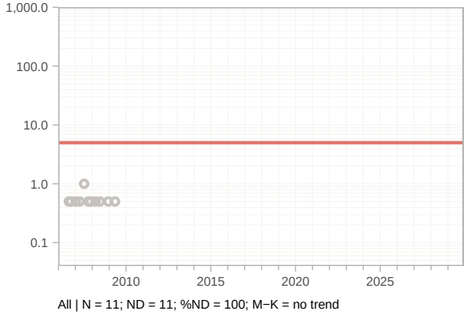
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

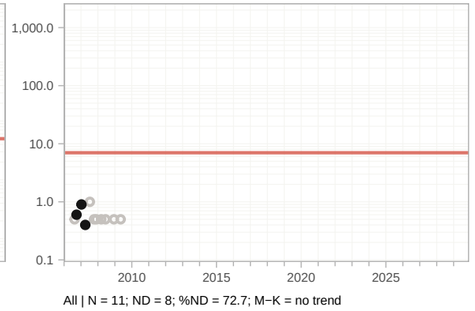
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

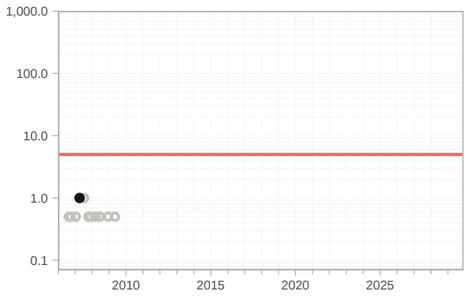
NYS GWQS = 7 ug/L



All | N = 11; ND = 8; %ND = 72.7; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

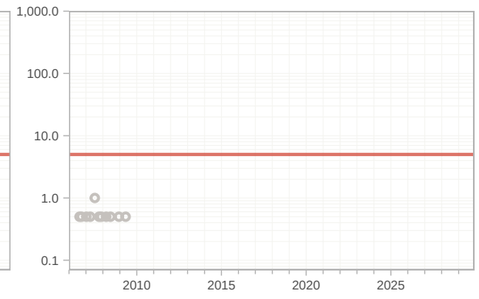
NYS GWQS = 5 ug/L



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Chloromethane (ug/L)

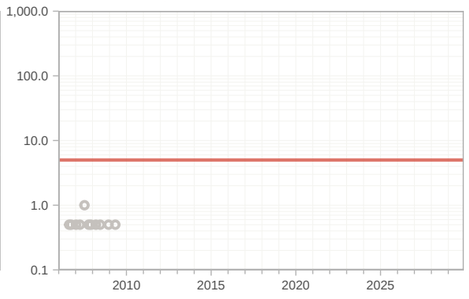
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

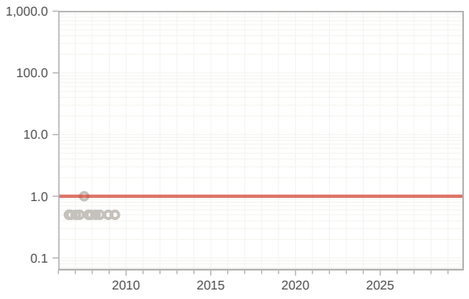
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

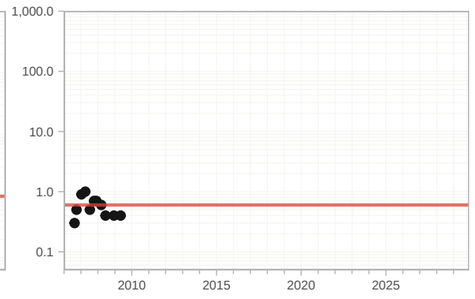
NYS GWQS = 1 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = stable

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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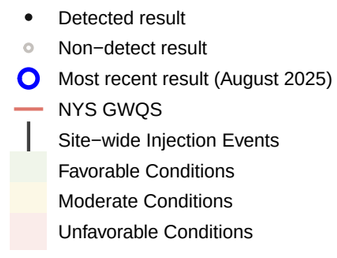
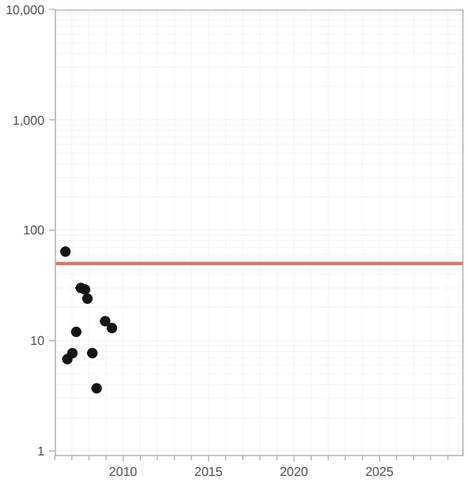


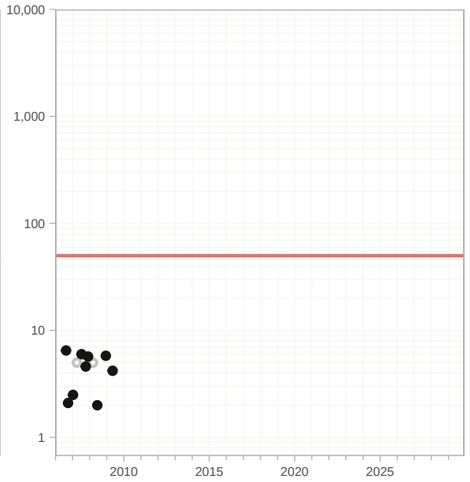
GC−1 PORT 7 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



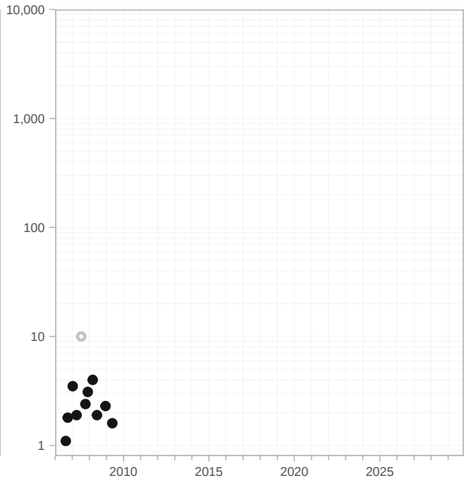
All | N = 11; ND = 0; %ND = 0; M−K = stable

Butanone (2−) (MEK) (ug/L)



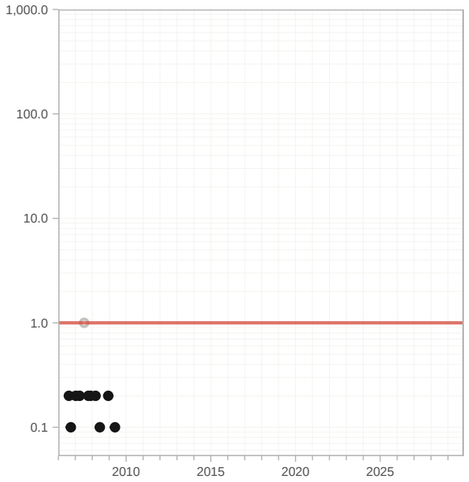
All | N = 11; ND = 2; %ND = 18.2; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



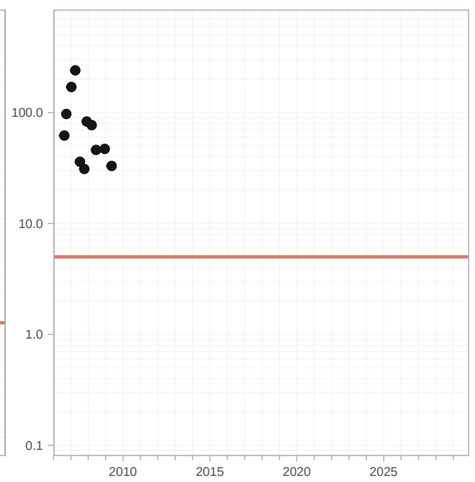
All | N = 11; ND = 1; %ND = 9.1; M−K = stable

Benzene (ug/L)



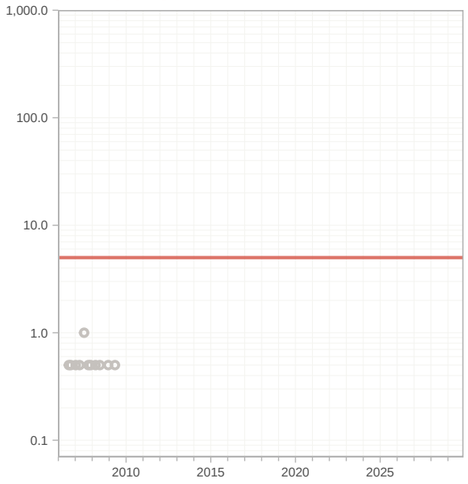
All | N = 11; ND = 1; %ND = 9.1; M−K = stable

Toluene (ug/L)



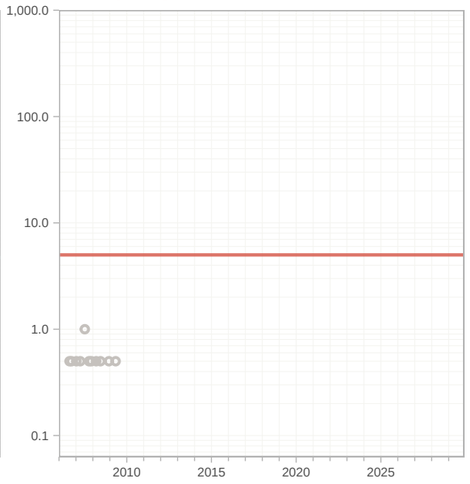
All | N = 11; ND = 0; %ND = 0; M−K = stable

Ethylbenzene (ug/L)



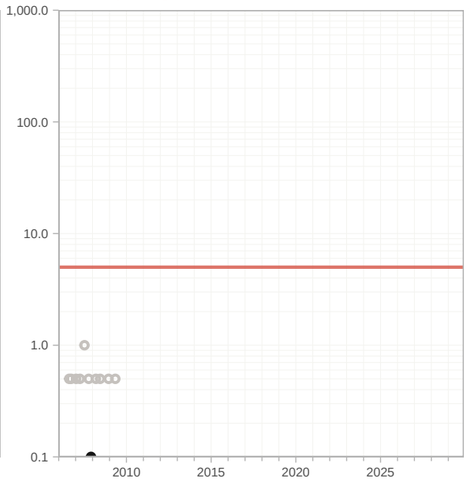
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



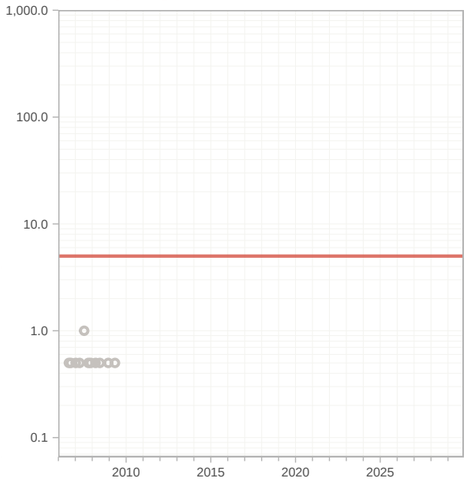
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Xylene (o−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

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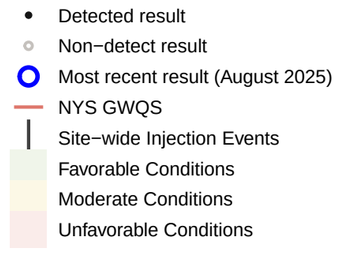
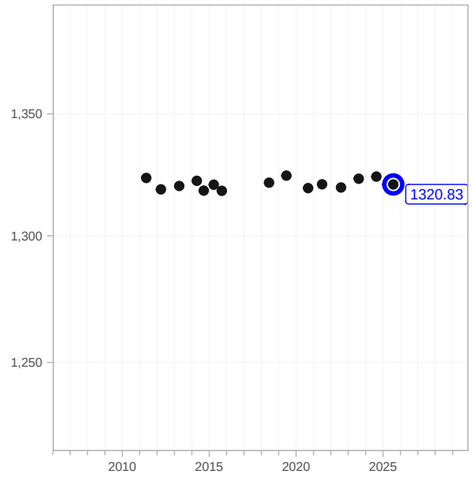


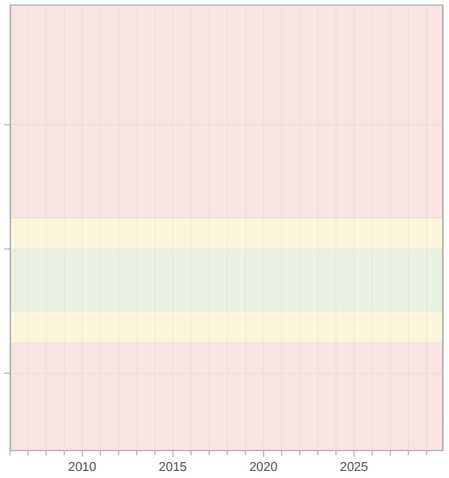
GC−1 PORT 7 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



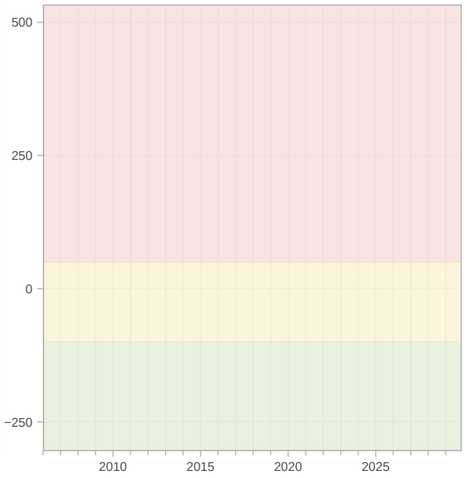
All | N = 15; ND = 0; %ND = 0; M−K = stable

pH



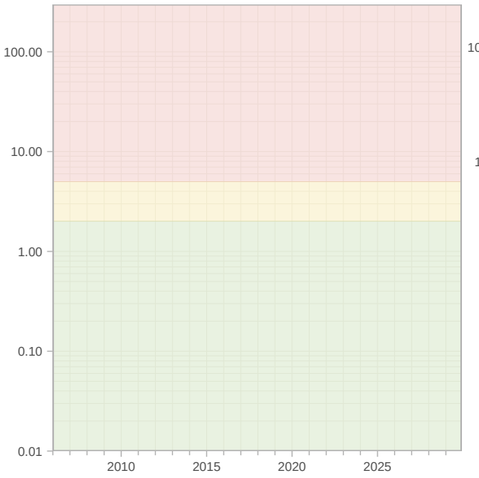
No Data

Oxidation/Reduction Potential



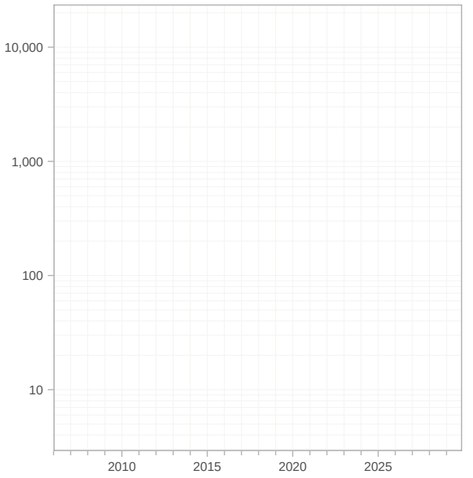
No Data

Dissolved Oxygen



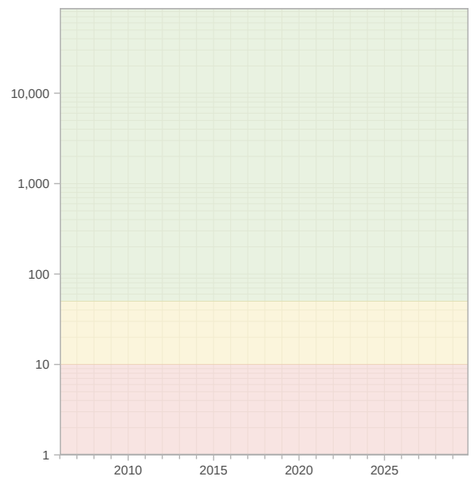
No Data

Specific Conductance



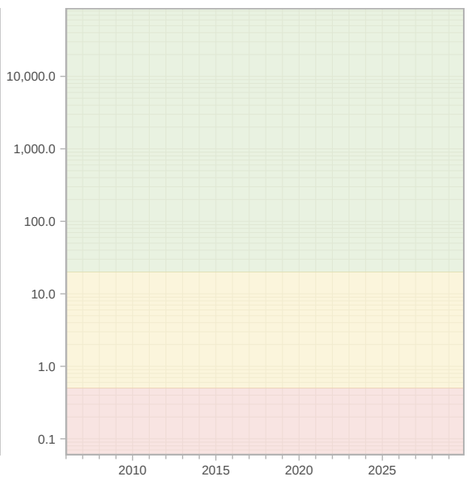
No Data

Sulfide



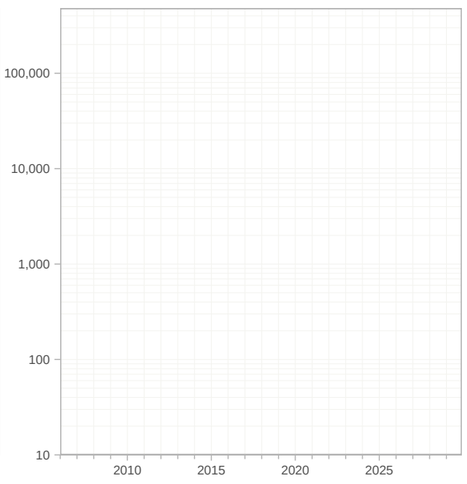
No Data

Methane



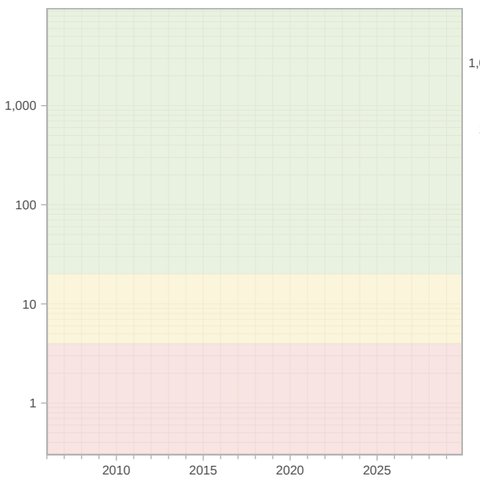
No Data

Iron − Ferrous



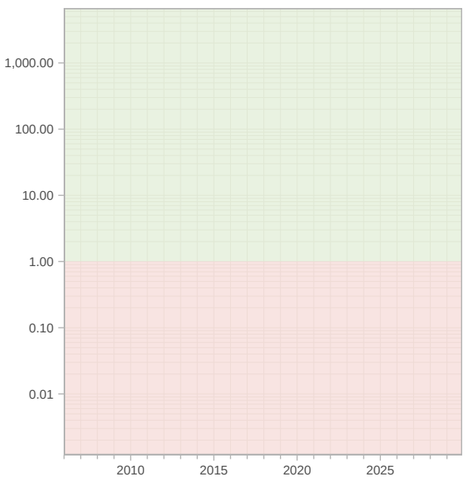
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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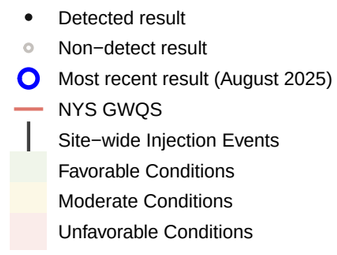
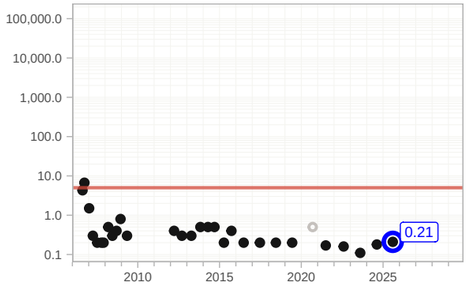


GC−1 PORT 8 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

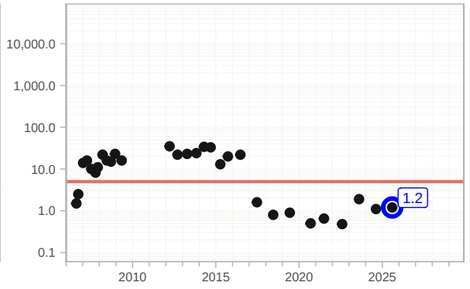
NYS GWQS = 5 ug/L



All | N = 30; ND = 1; %ND = 3.3; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

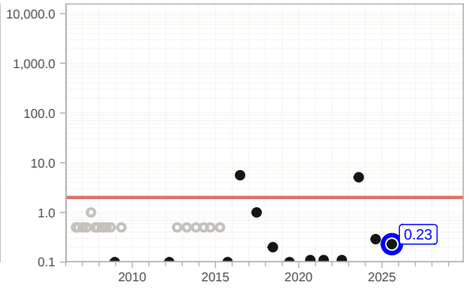
NYS GWQS = 5 ug/L



All | N = 30; ND = 0; %ND = 0; M−K = stable

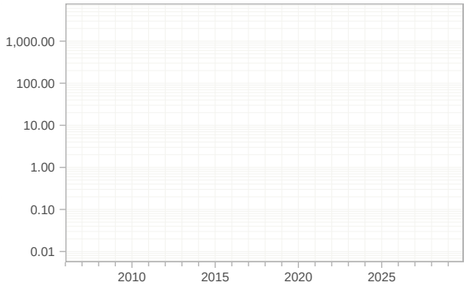
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



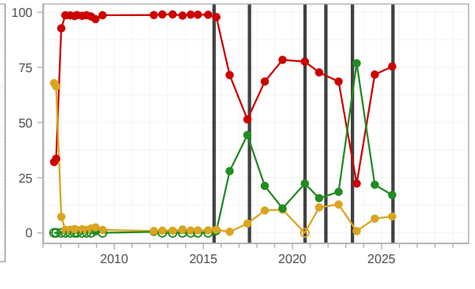
All | N = 30; ND = 17; %ND = 56.7; M−K = no trend

Ethane + Ethene



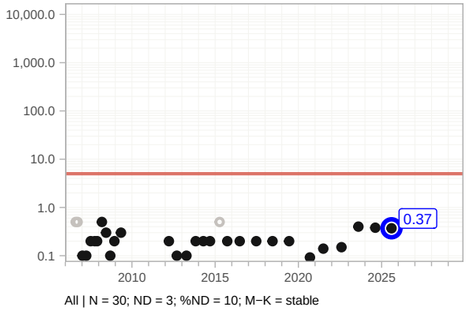
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

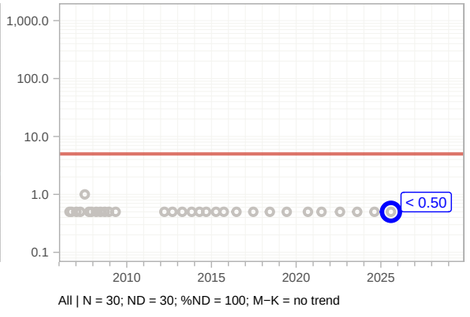
NYS GWQS = 5 ug/L



All | N = 30; ND = 3; %ND = 10; M−K = stable

Dichloroethene (1,1−) (ug/L)

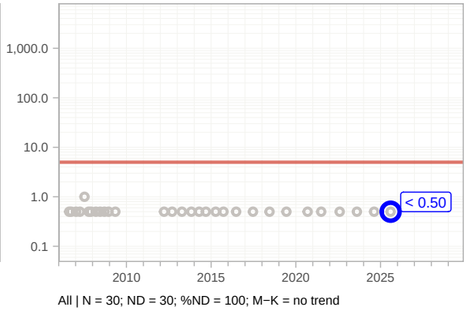
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

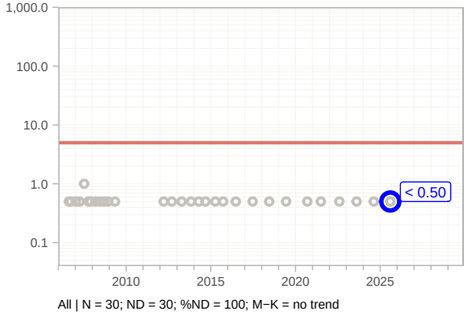
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

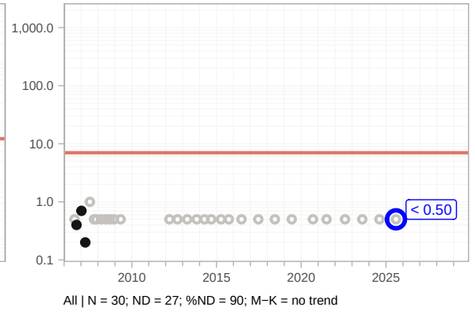
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

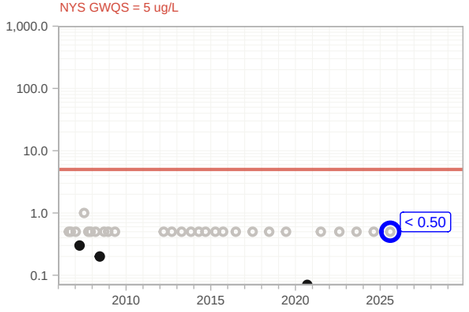
NYS GWQS = 7 ug/L



All | N = 30; ND = 27; %ND = 90; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

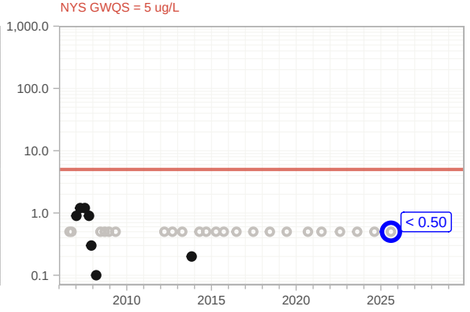
NYS GWQS = 5 ug/L



All | N = 30; ND = 27; %ND = 90; M−K = no trend

Chloromethane (ug/L)

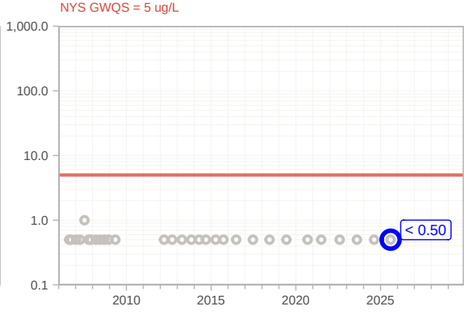
NYS GWQS = 5 ug/L



All | N = 30; ND = 23; %ND = 76.7; M−K = decreasing

Trichloroethane (1,1,1−) (ug/L)

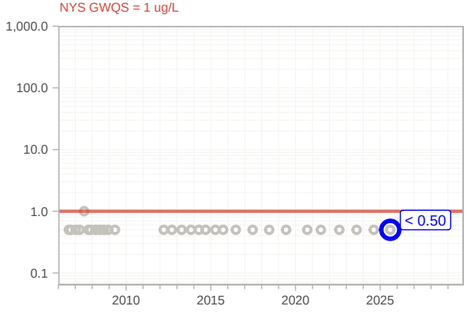
NYS GWQS = 5 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

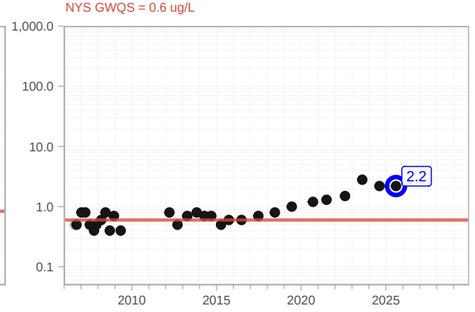
NYS GWQS = 1 ug/L



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 30; ND = 1; %ND = 3.3; M−K = strong increasing

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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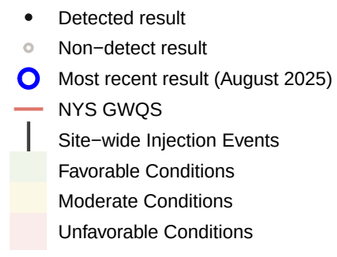
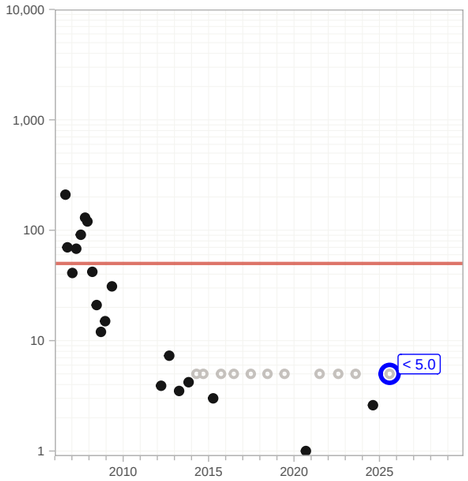
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



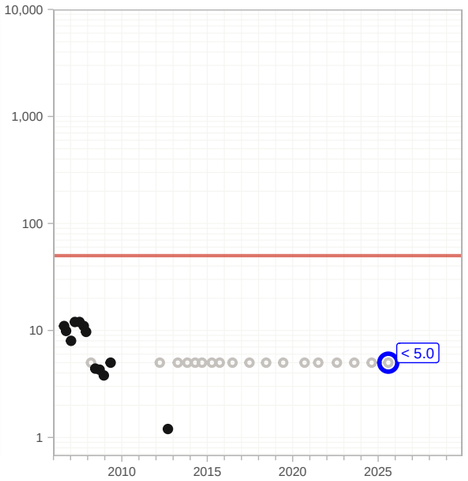
GC−1 PORT 8 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



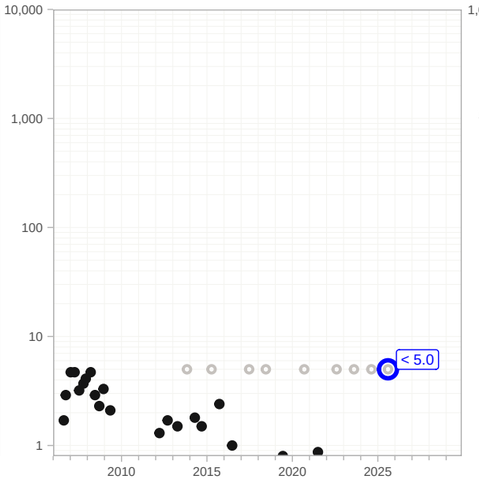
All | N = 30; ND = 11; %ND = 36.7; M−K = strong decreasing

Butanone (2−) (MEK) (ug/L)



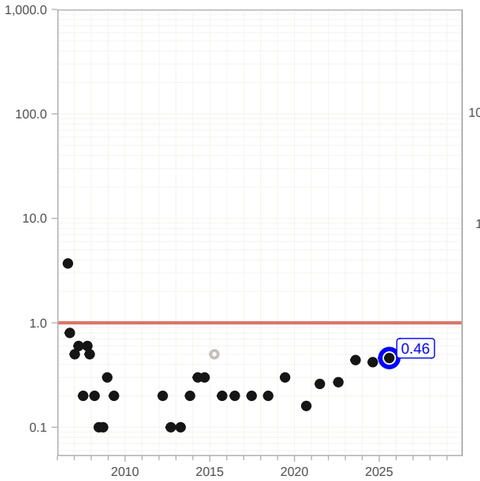
All | N = 30; ND = 18; %ND = 60; M−K = strong decreasing

Methyl−2−pentanone (4−) (MIBK) (ug/L)



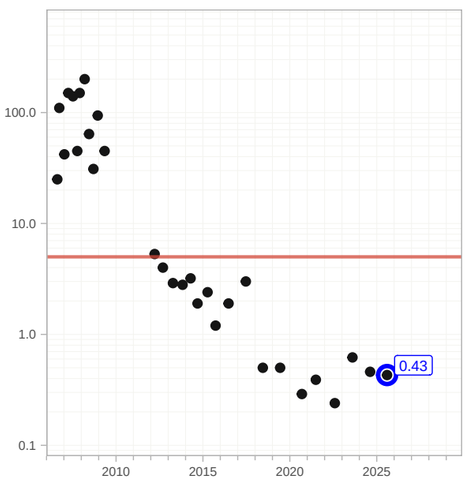
All | N = 30; ND = 9; %ND = 30; M−K = decreasing

Benzene (ug/L)



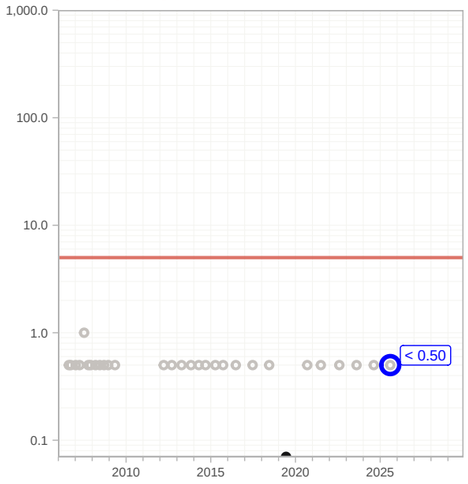
All | N = 30; ND = 1; %ND = 3.3; M−K = no trend

Toluene (ug/L)



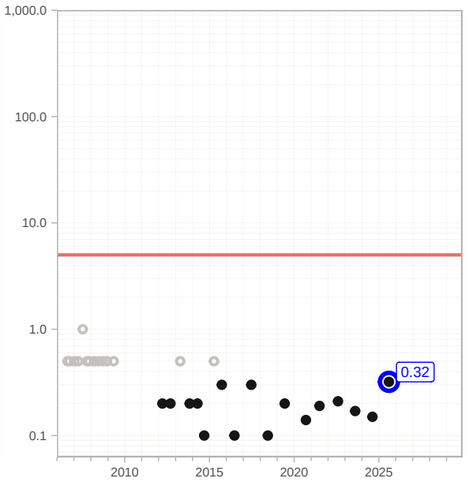
All | N = 30; ND = 0; %ND = 0; M−K = strong decreasing

Ethylbenzene (ug/L)



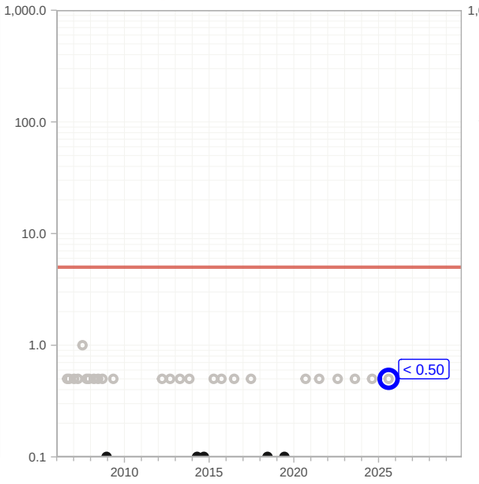
All | N = 30; ND = 29; %ND = 96.7; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



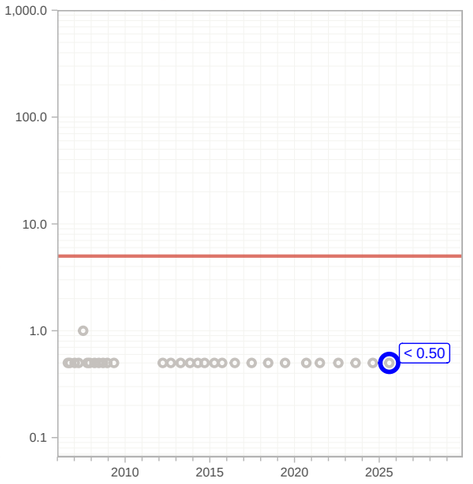
All | N = 30; ND = 14; %ND = 46.7; M−K = stable

Xylene (m,p−) (ug/L)



All | N = 30; ND = 25; %ND = 83.3; M−K = stable

Xylene (o−) (ug/L)



All | N = 30; ND = 30; %ND = 100; M−K = no trend

Notes:
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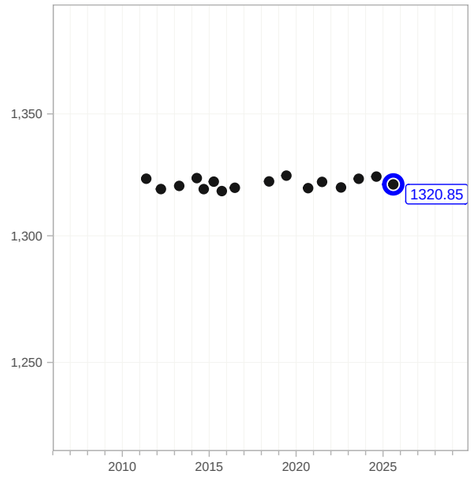
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

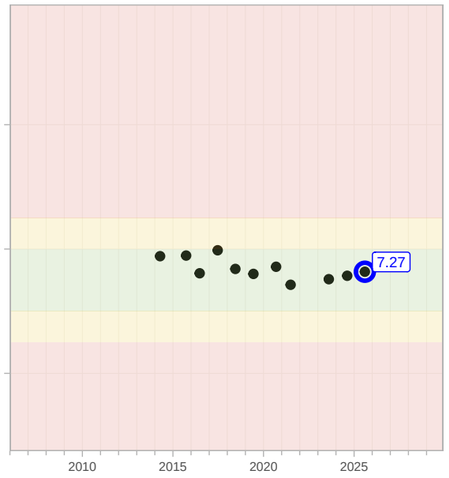
GC−1 PORT 8 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



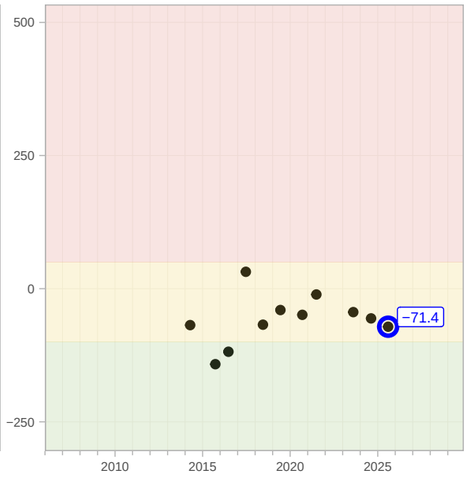
All | N = 16; ND = 0; %ND = 0; M−K = stable

pH (SU)



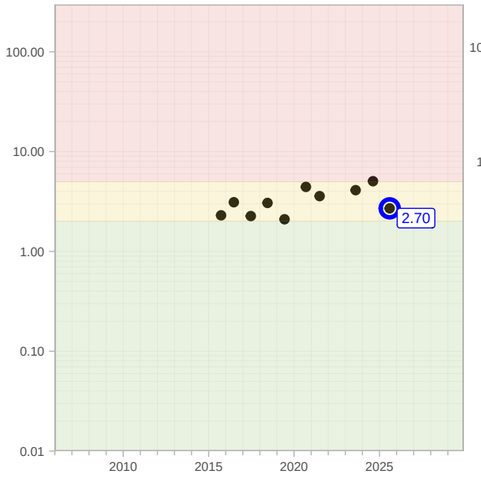
All | N = 11; ND = 0; %ND = 0; M−K = probably decreasing

Oxidation/Reduction Potential (mV)



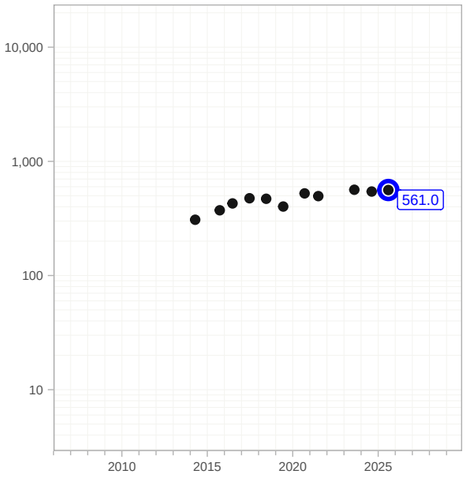
All | N = 11; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



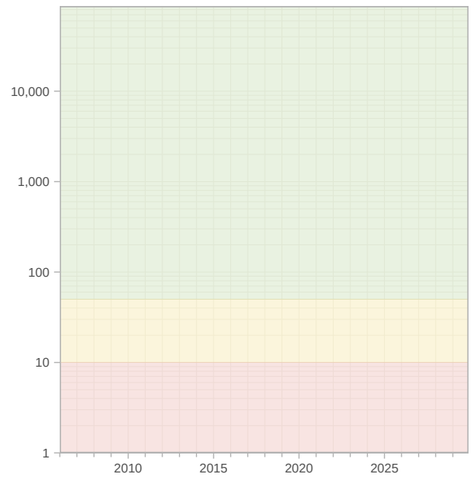
All | N = 10; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



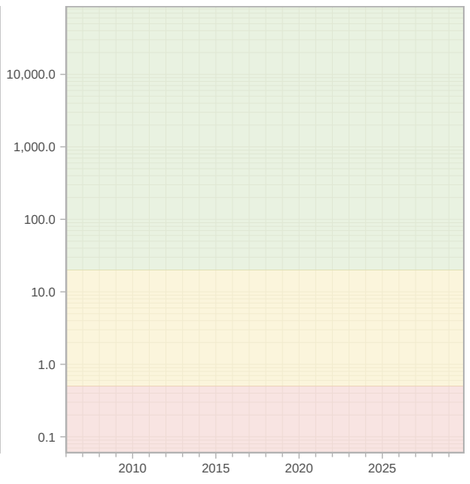
All | N = 11; ND = 0; %ND = 0; M−K = strong increasing

Sulfide



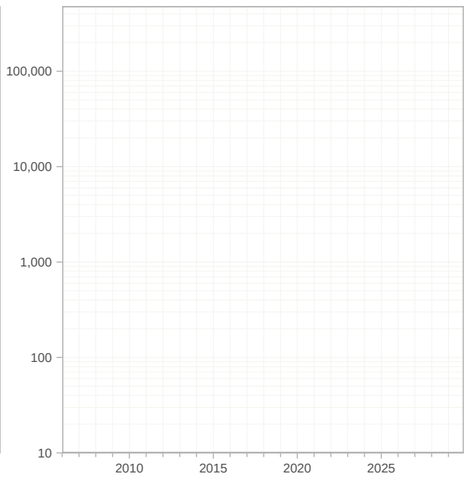
No Data

Methane



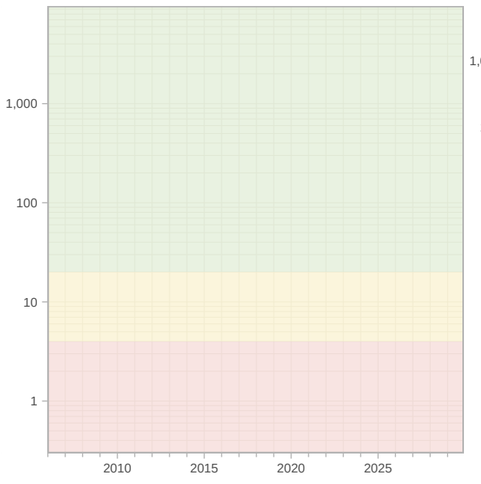
No Data

Iron − Ferrous



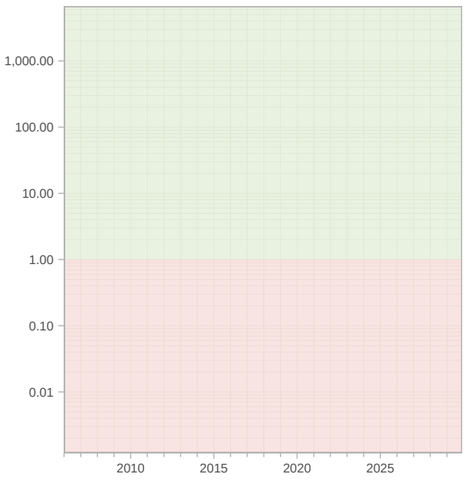
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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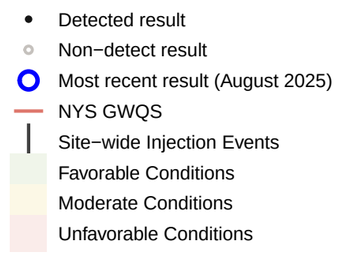
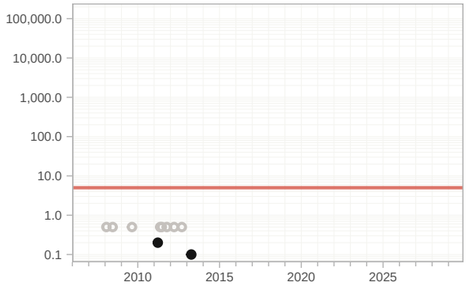


106 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

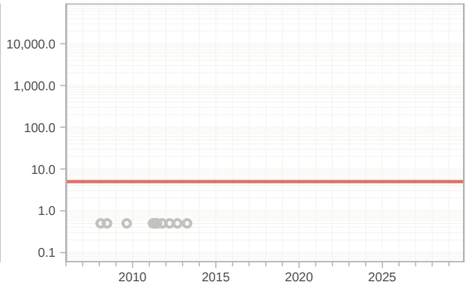
NYS GWQS = 5 ug/L



All | N = 10; ND = 8; %ND = 80; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

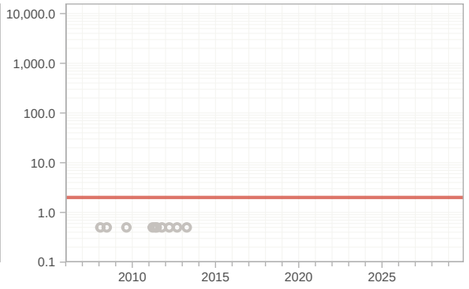
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

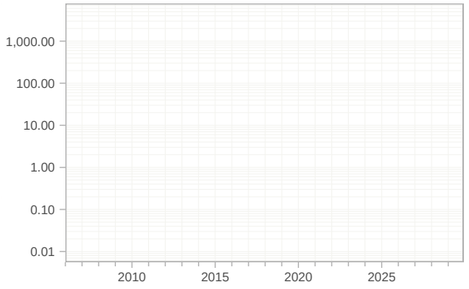
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



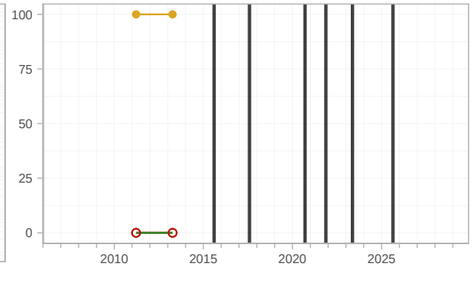
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Ethane + Ethene



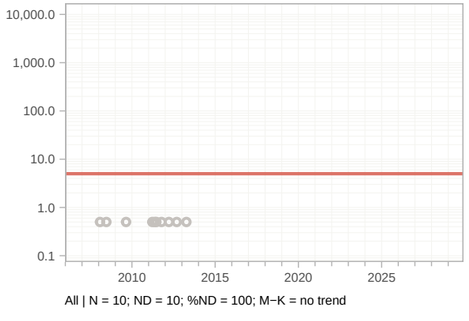
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

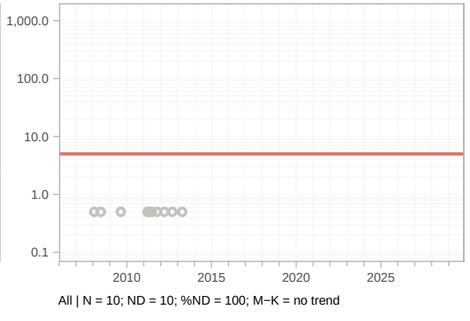
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

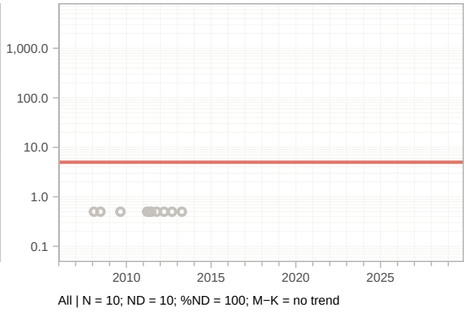
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

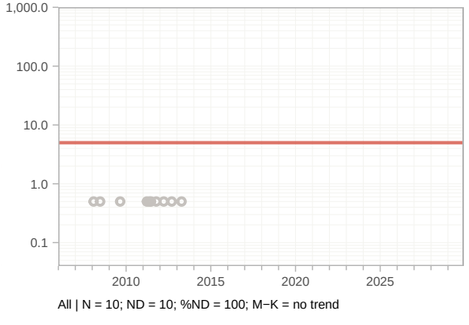
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

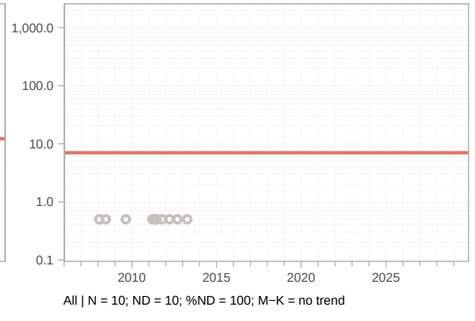
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

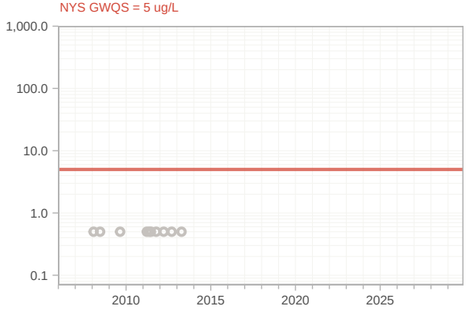
NYS GWQS = 7 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

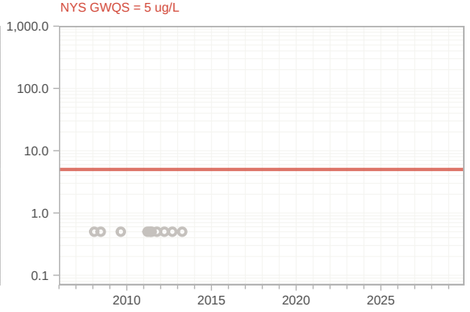
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloromethane (ug/L)

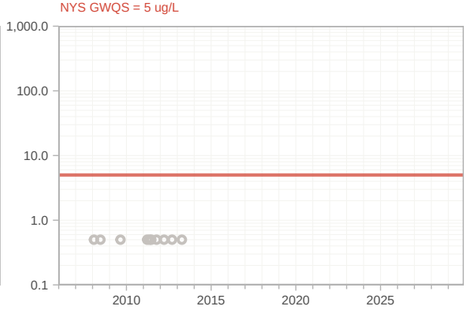
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

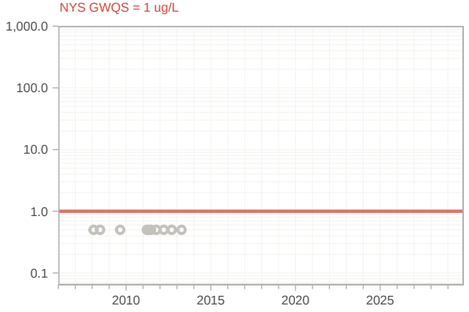
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

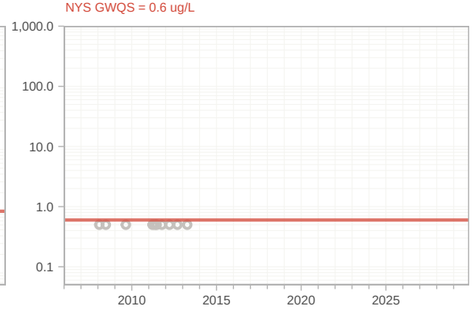
NYS GWQS = 1 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Notes:
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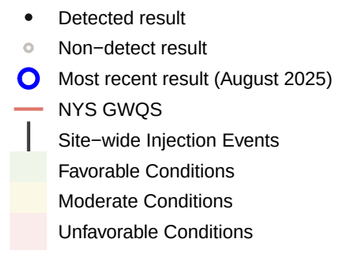
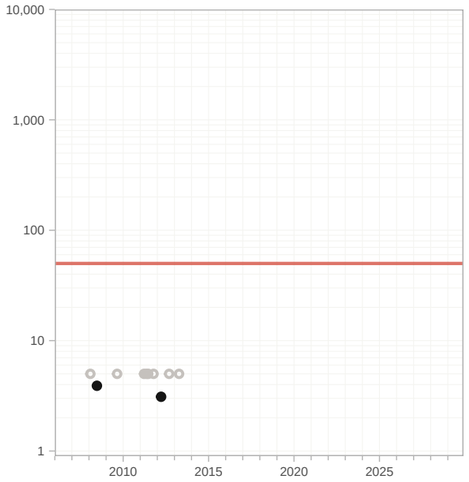


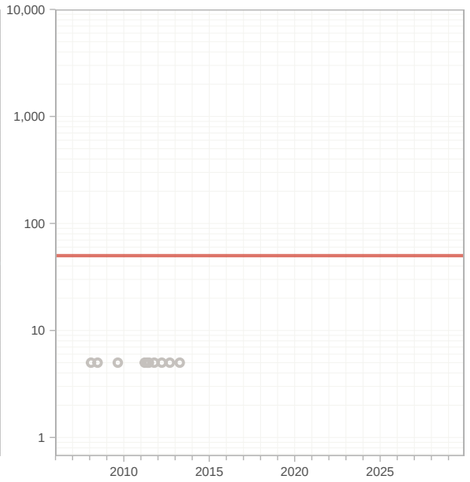
106 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



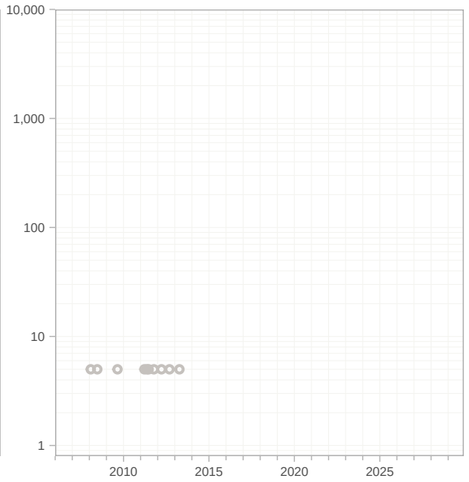
All | N = 10; ND = 8; %ND = 80; M−K = no trend

Butanone (2−) (MEK) (ug/L)



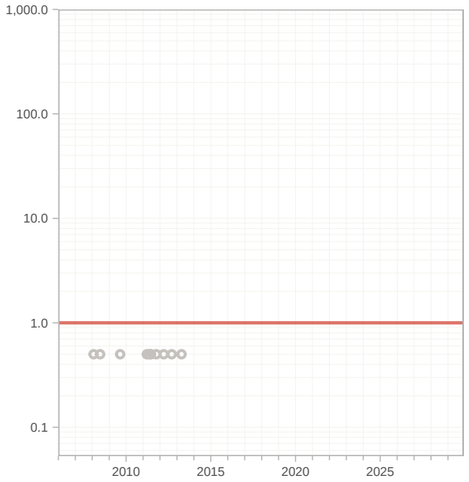
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



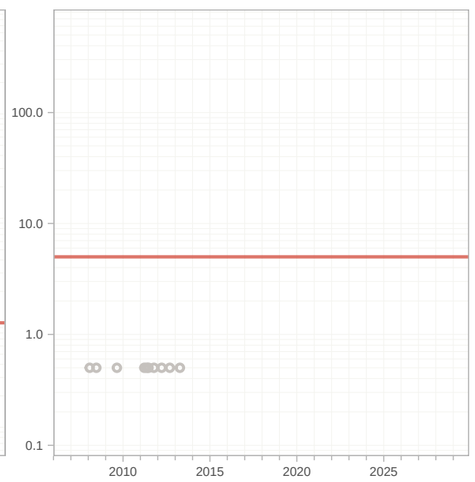
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Benzene (ug/L)



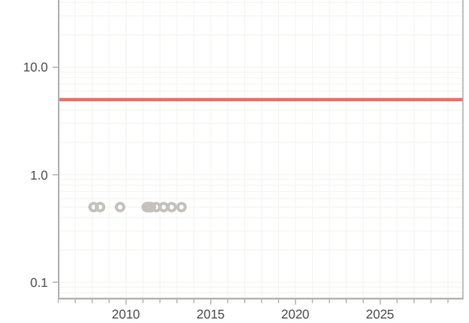
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Toluene (ug/L)



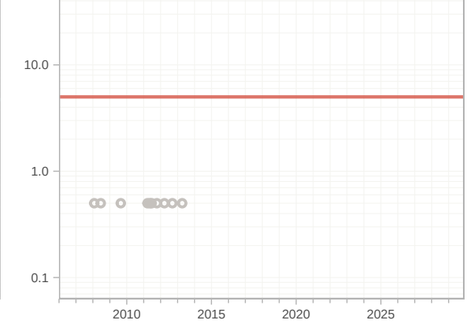
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



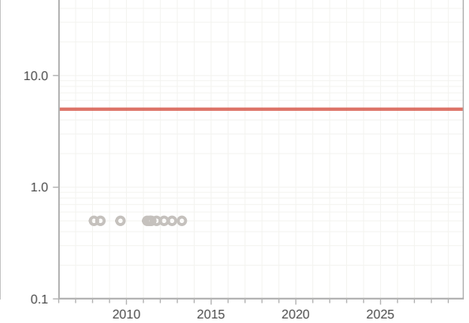
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



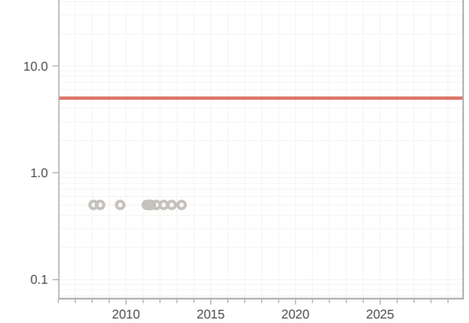
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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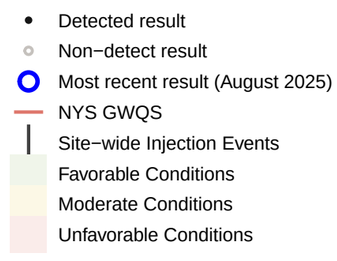
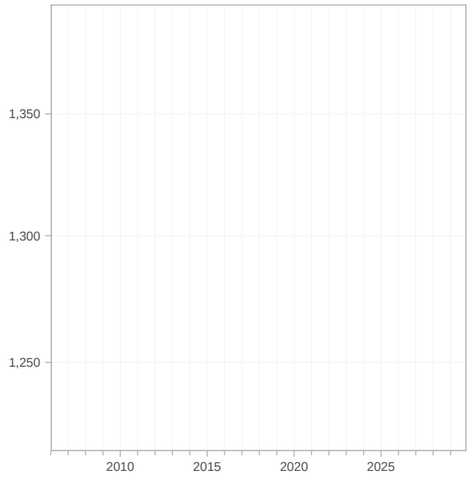
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



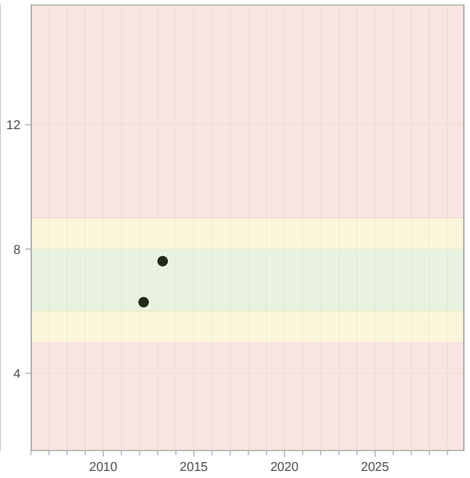
106 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



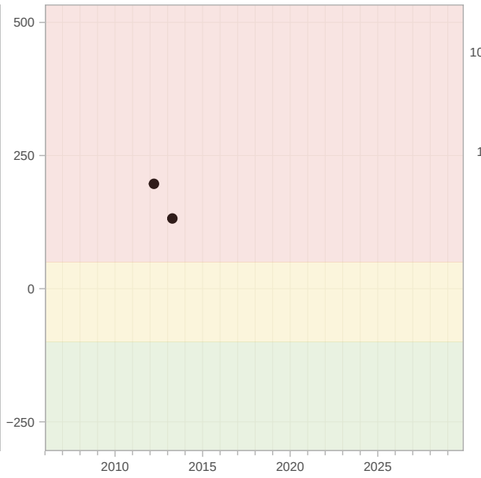
No Data

pH (SU)



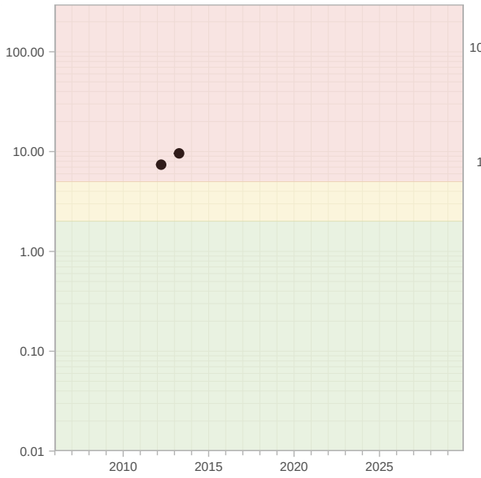
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



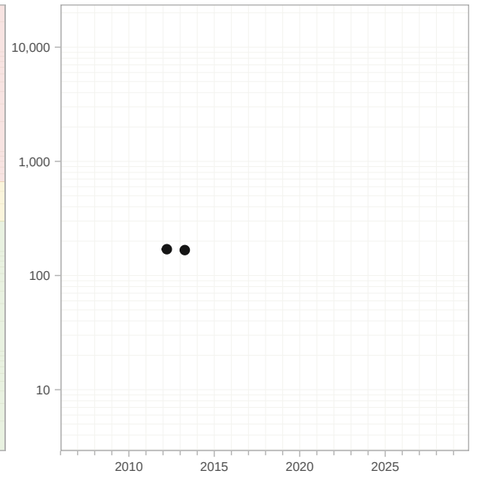
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



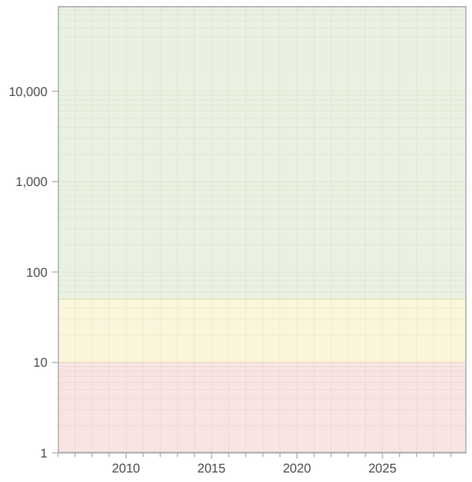
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



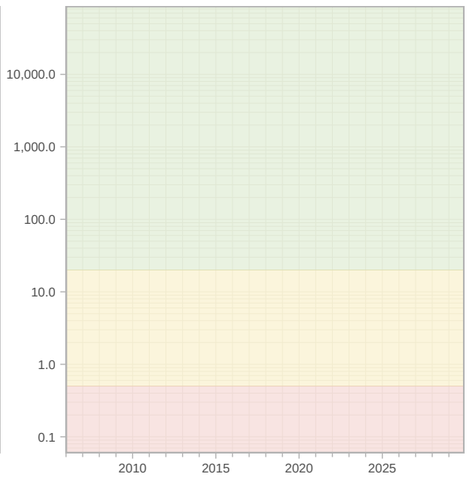
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



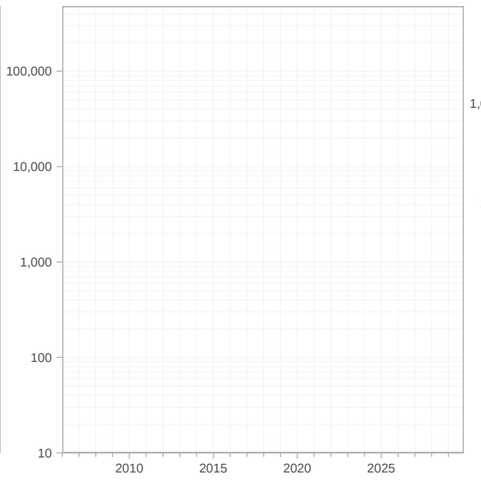
No Data

Methane



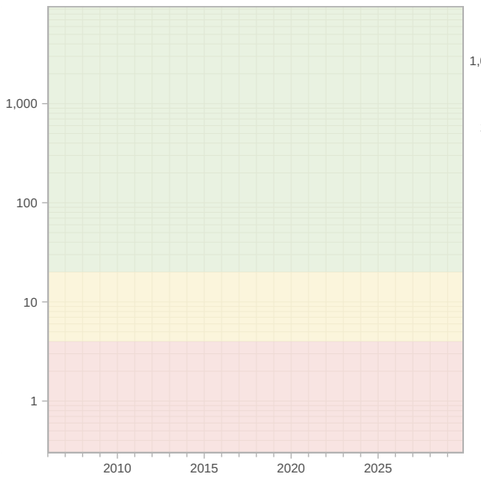
No Data

Iron − Ferrous



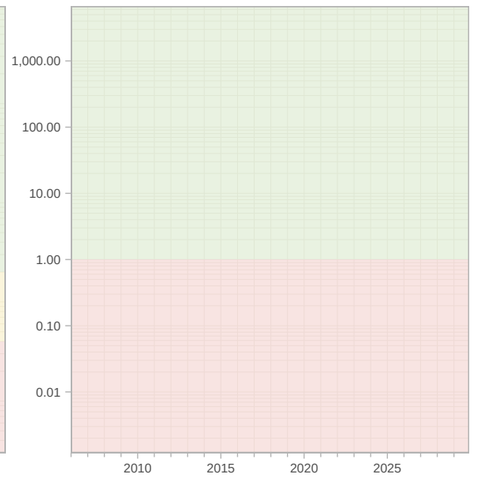
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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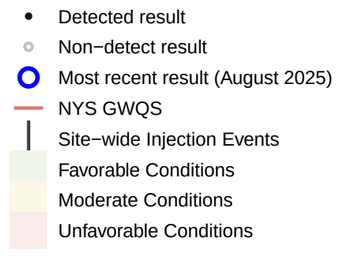
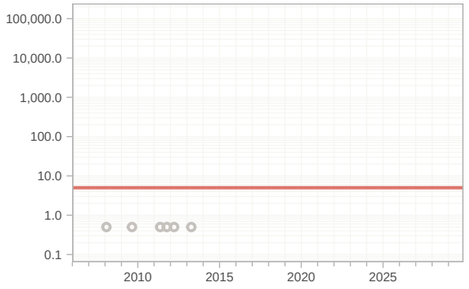


107 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

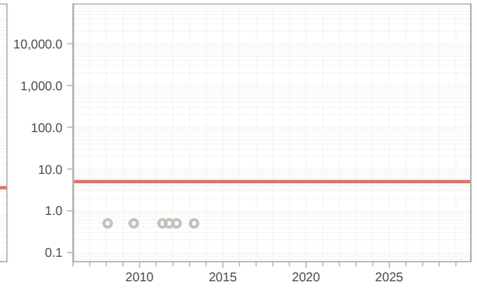
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

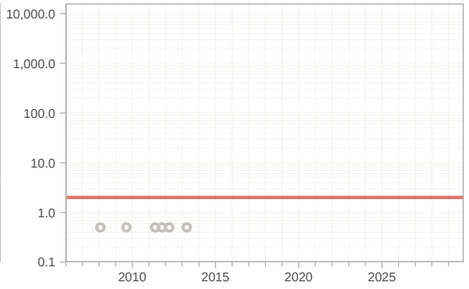
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

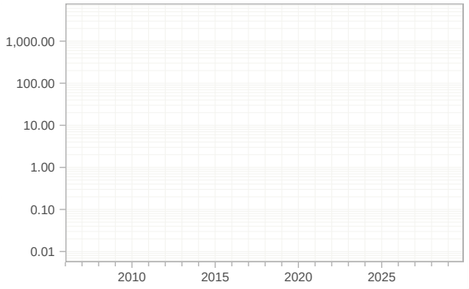
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



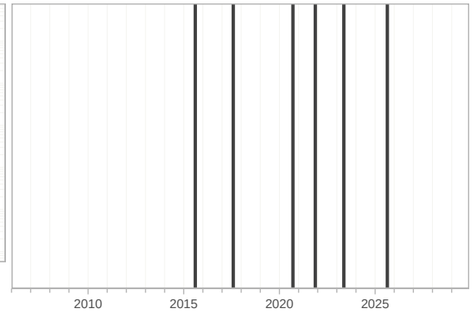
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Ethane + Ethene



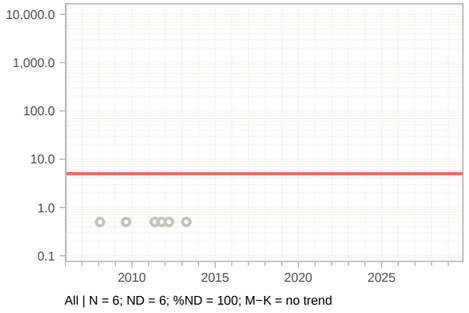
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

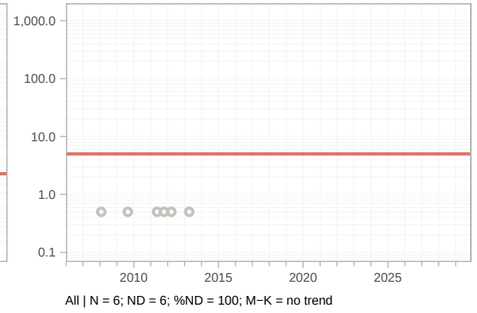
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

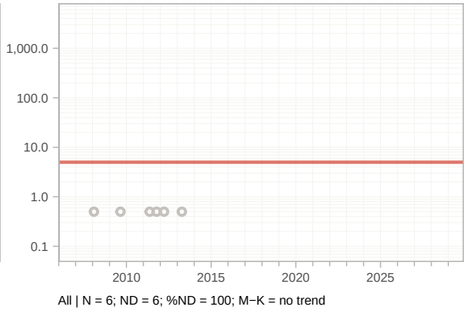
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

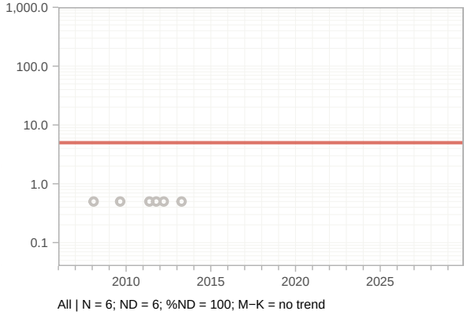
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

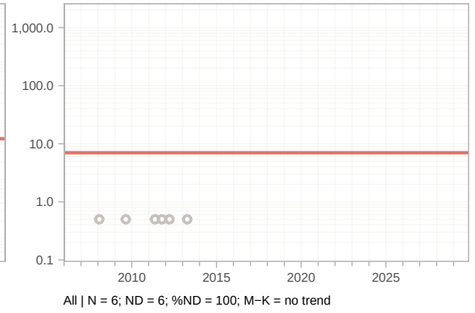
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

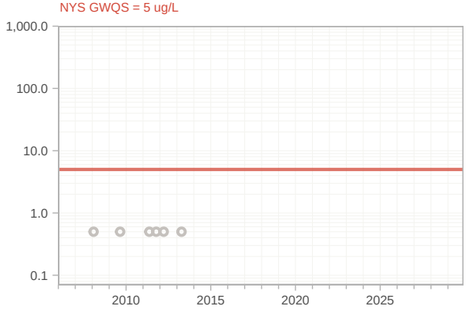
NYS GWQS = 7 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

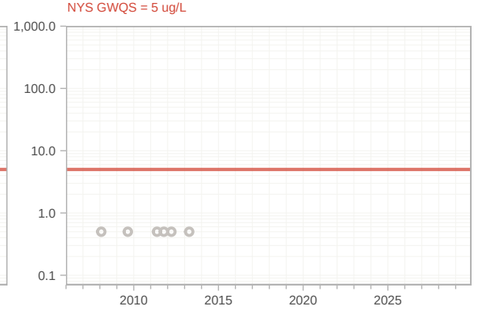
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Chloromethane (ug/L)

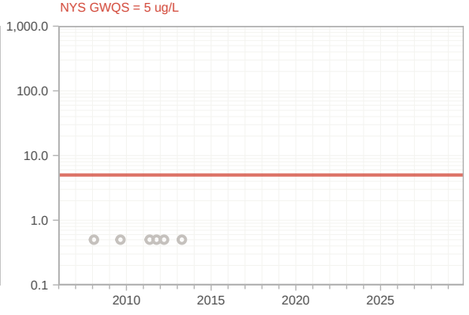
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

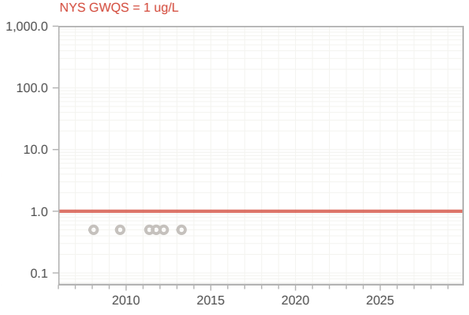
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

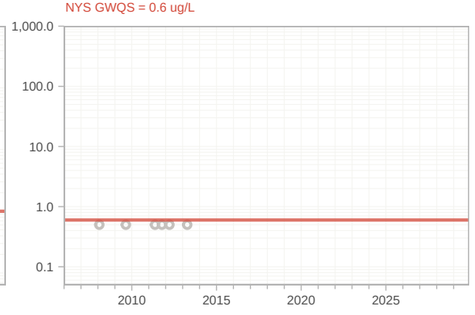
NYS GWQS = 1 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

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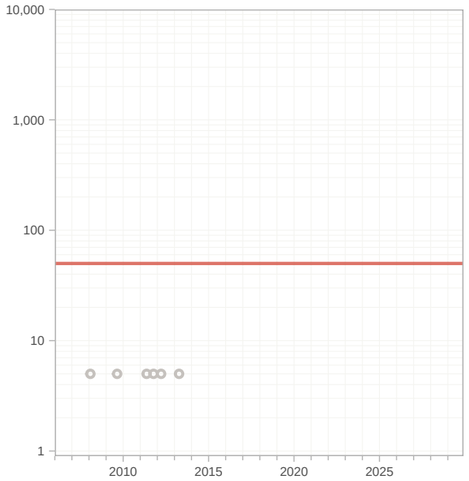
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

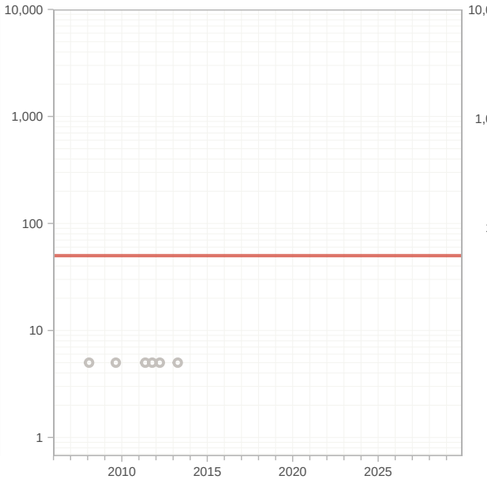
107 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



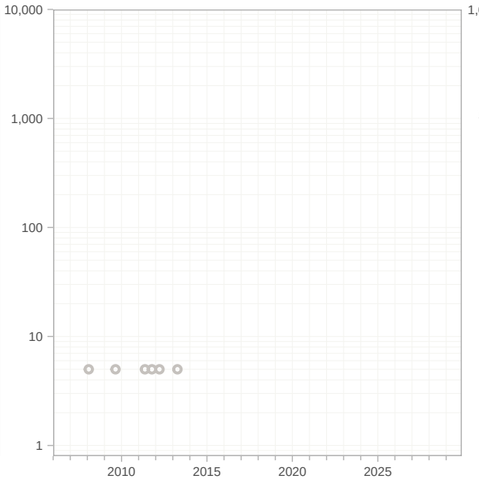
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Butanone (2−) (MEK) (ug/L)



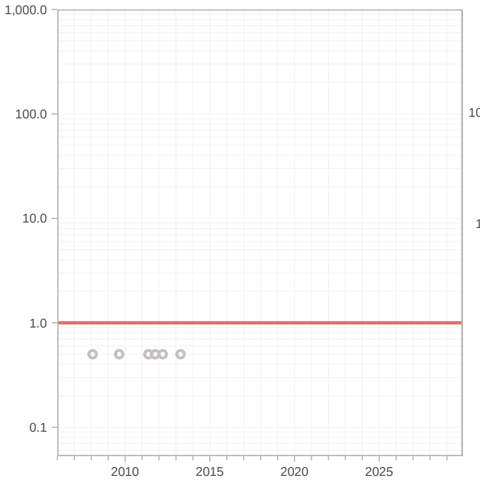
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



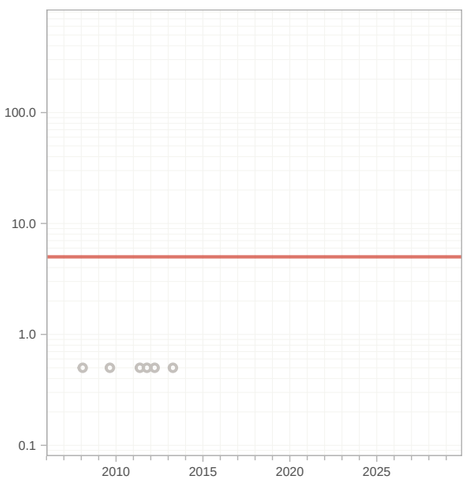
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Benzene (ug/L)



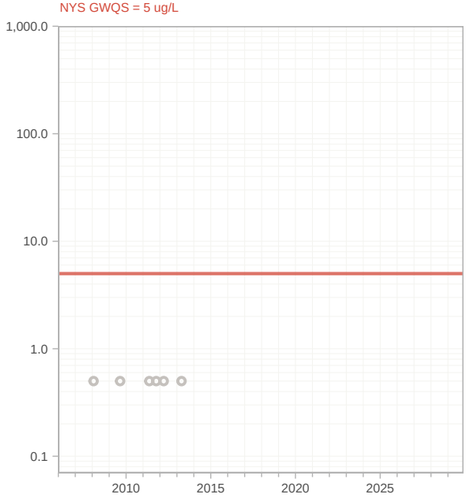
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Toluene (ug/L)



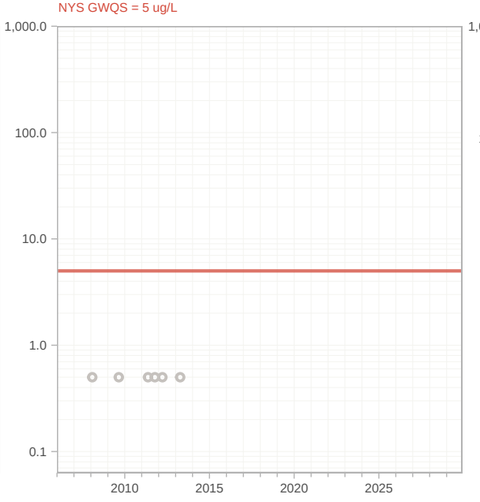
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



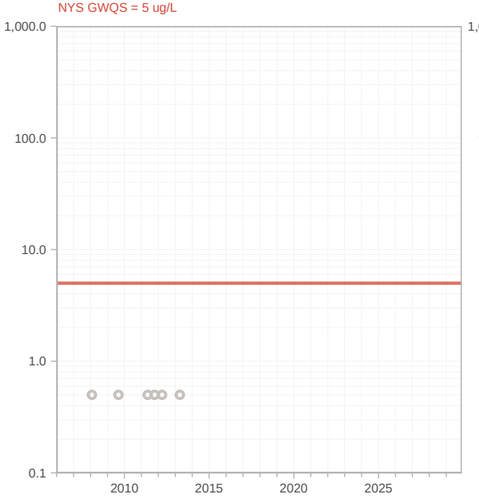
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



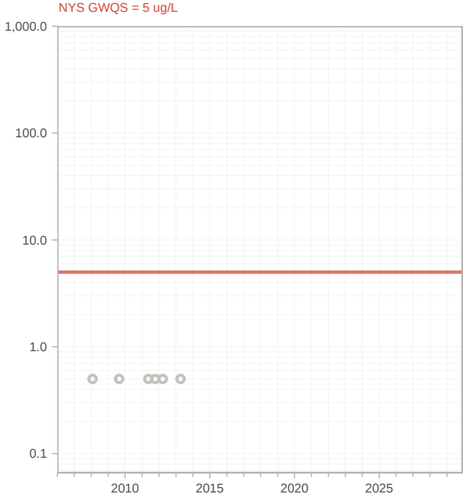
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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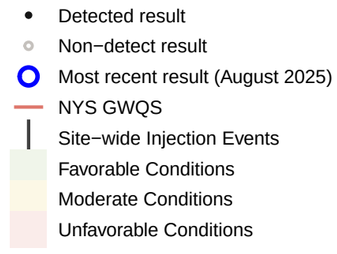
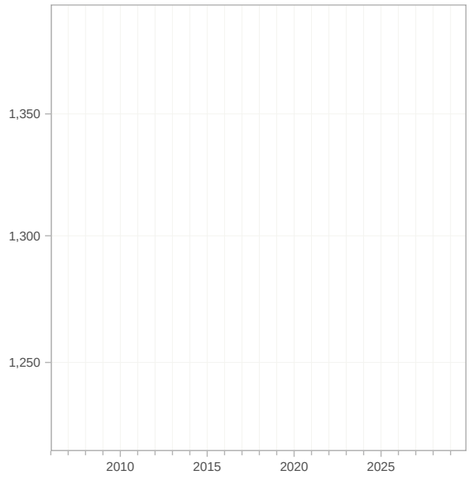


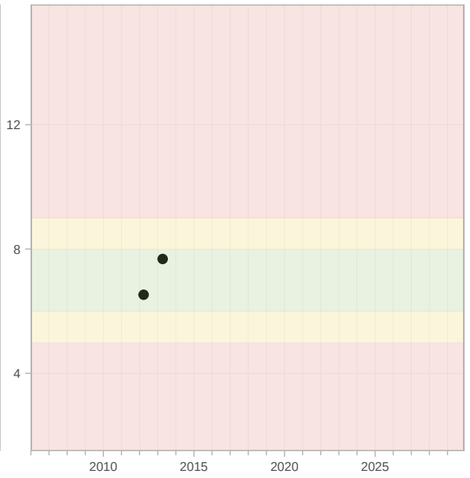
107 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



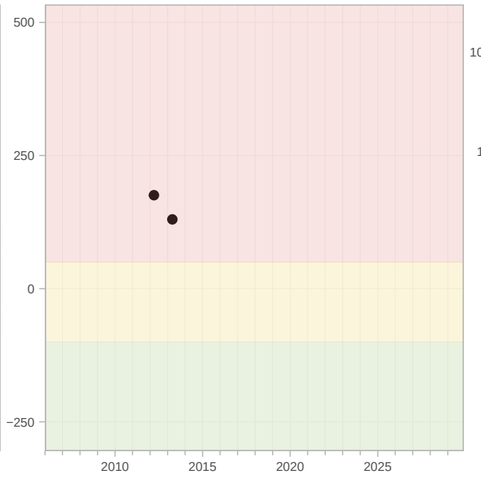
No Data

pH (SU)



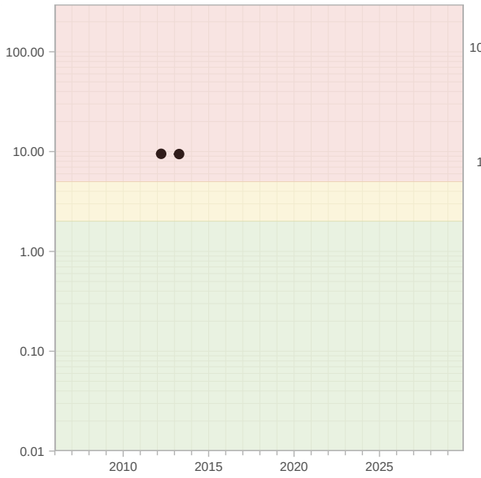
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



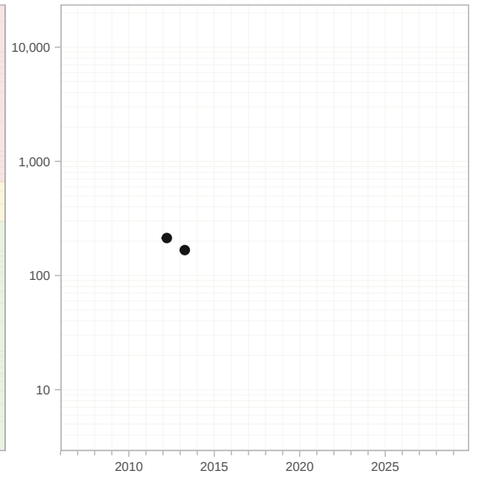
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



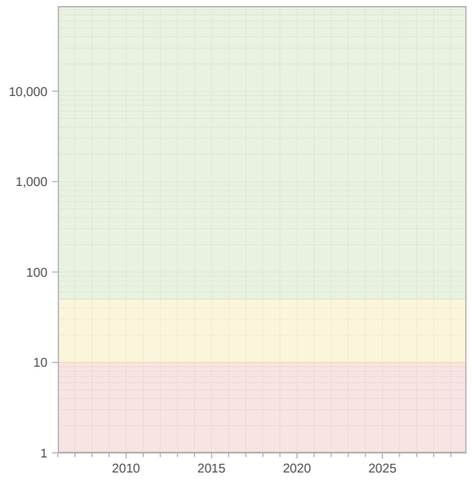
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



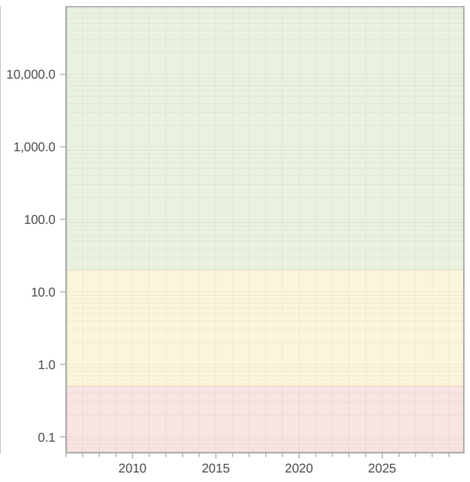
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



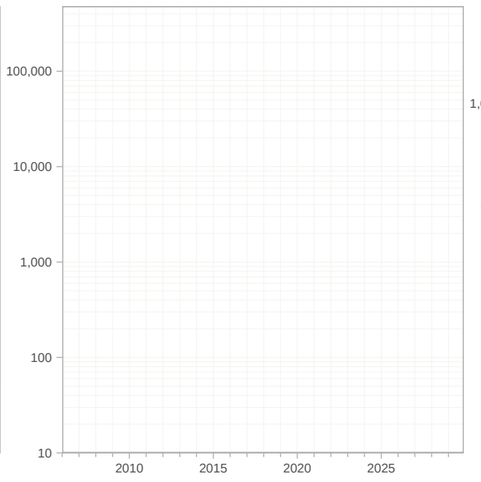
No Data

Methane



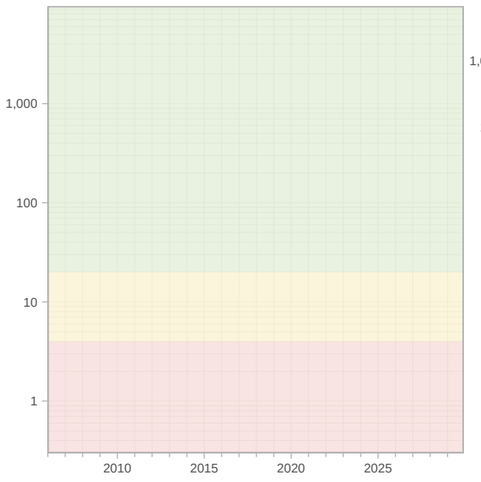
No Data

Iron − Ferrous



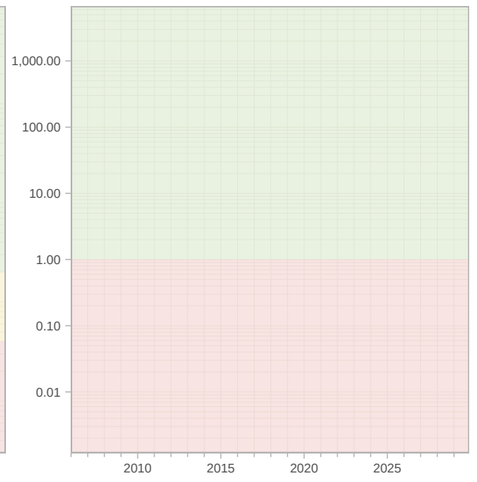
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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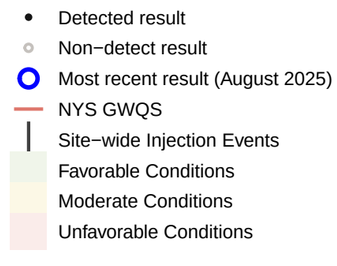
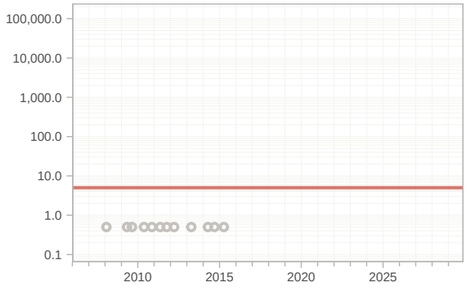


108 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

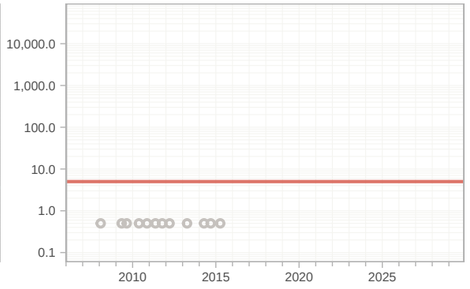
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

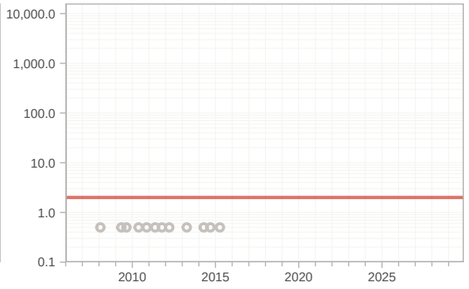
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

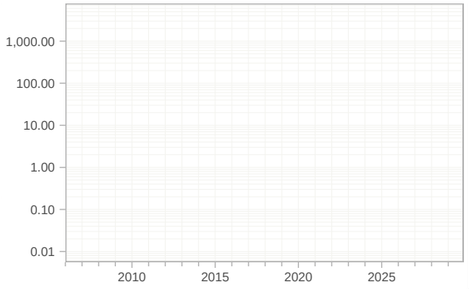
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



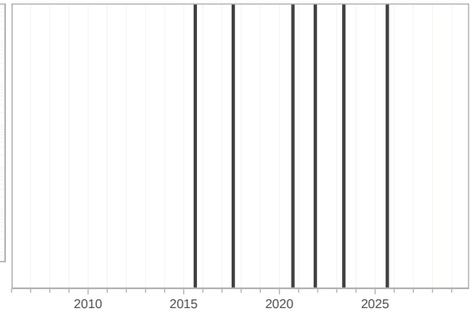
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethane + Ethene



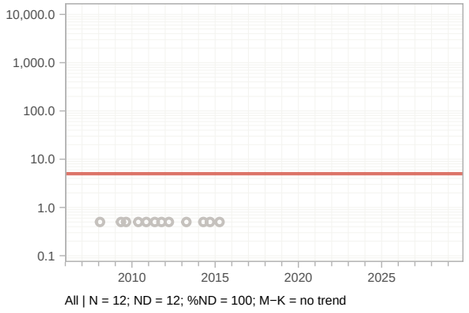
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

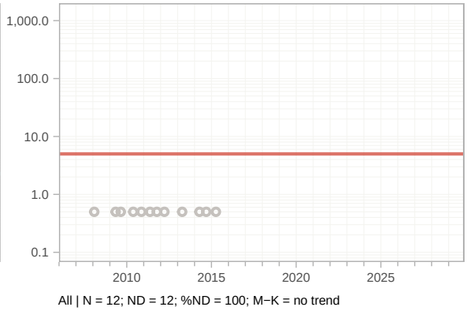
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

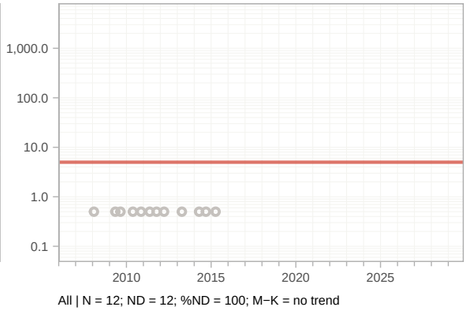
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

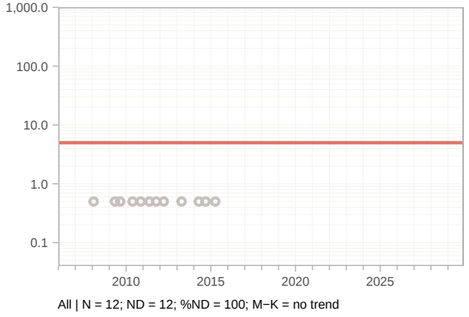
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

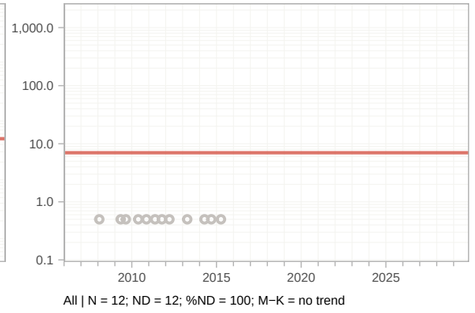
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

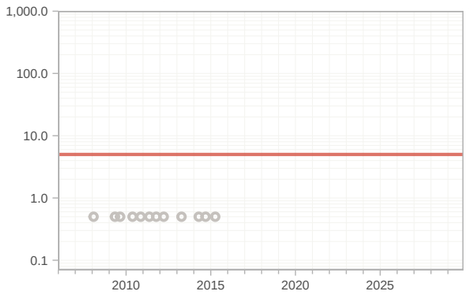
NYS GWQS = 7 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

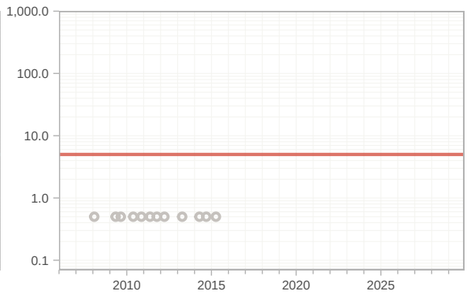
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloromethane (ug/L)

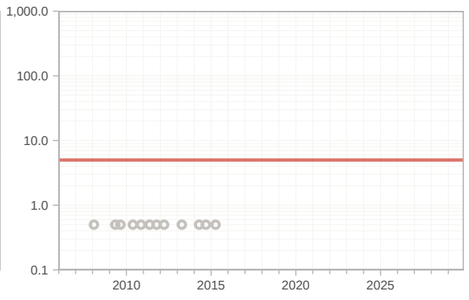
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

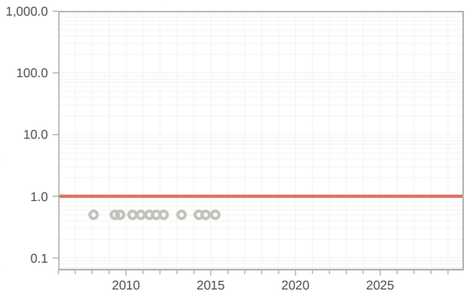
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

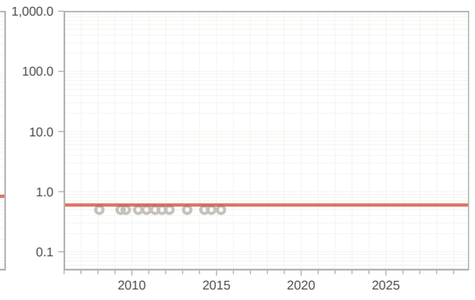
NYS GWQS = 1 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

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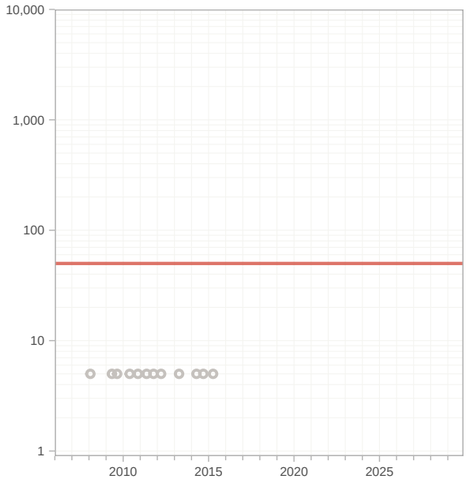
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

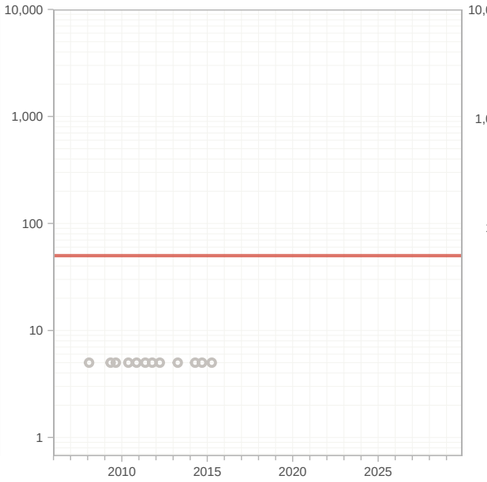
108 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



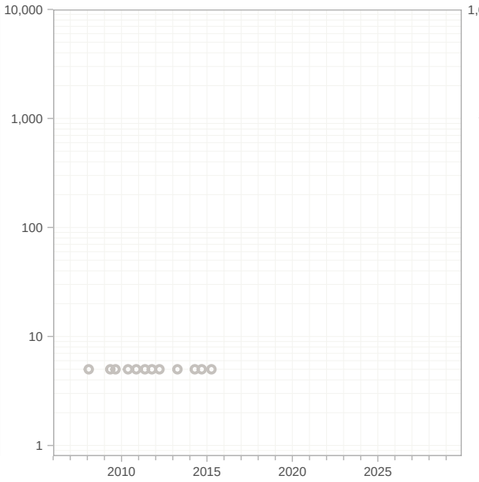
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Butanone (2−) (MEK) (ug/L)



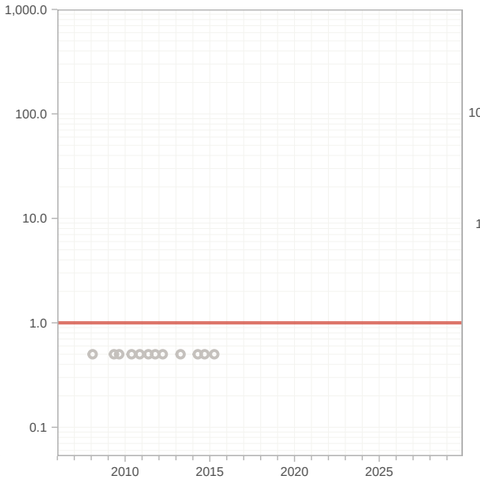
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



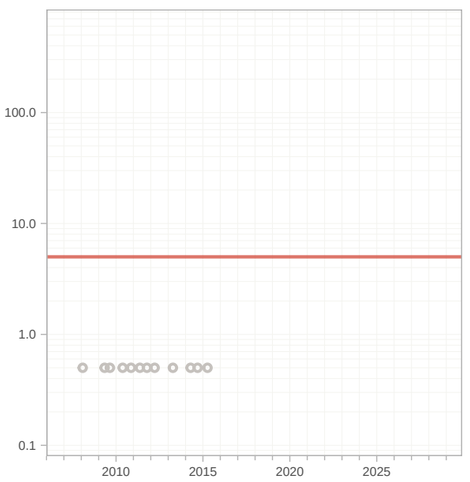
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Benzene (ug/L)



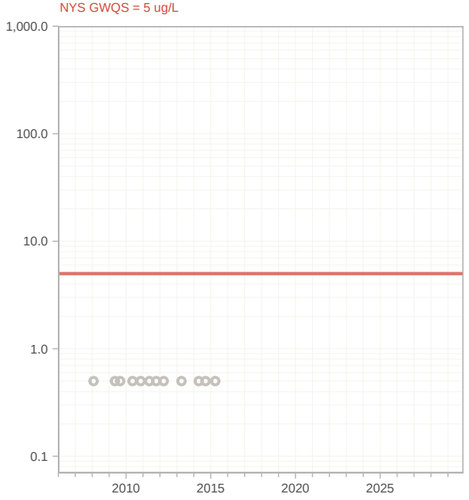
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Toluene (ug/L)



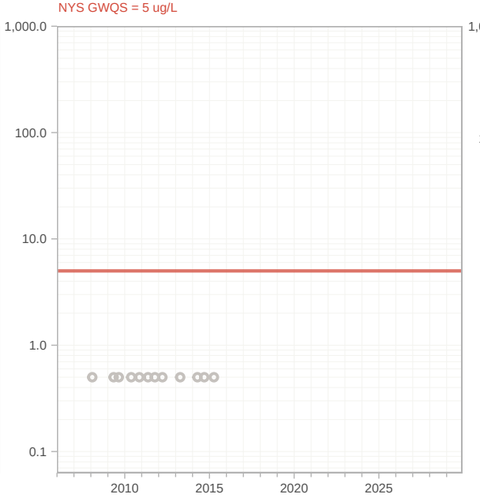
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



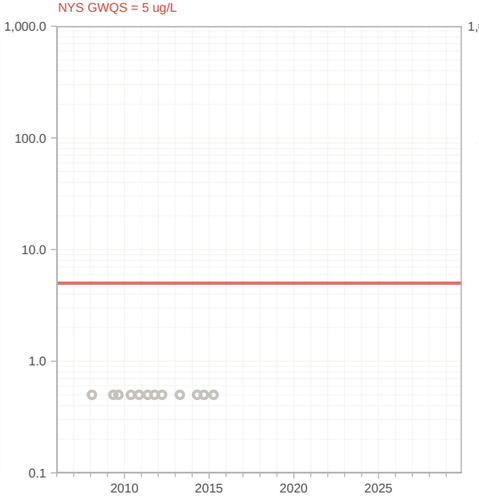
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



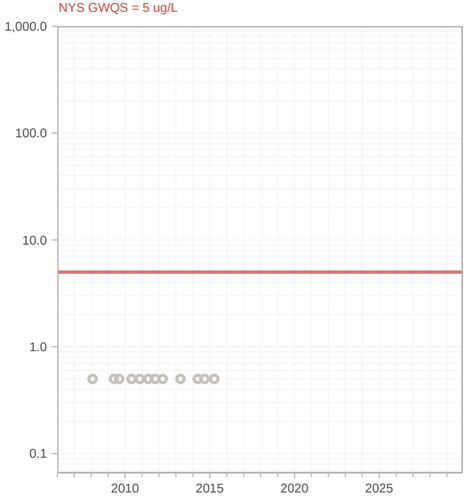
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

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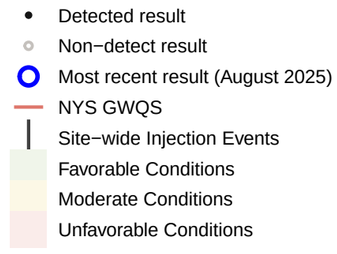
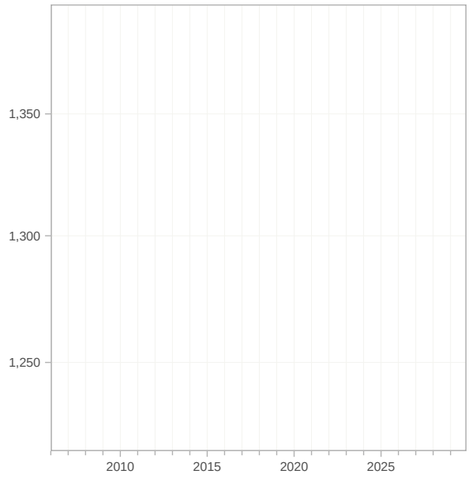


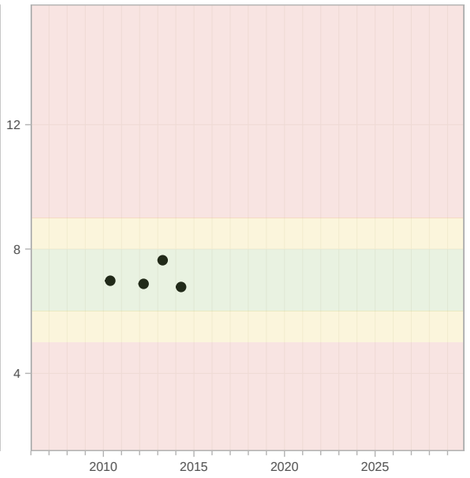
108 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



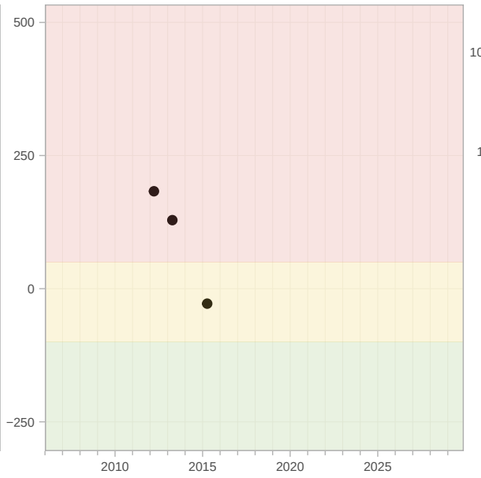
No Data

pH (SU)



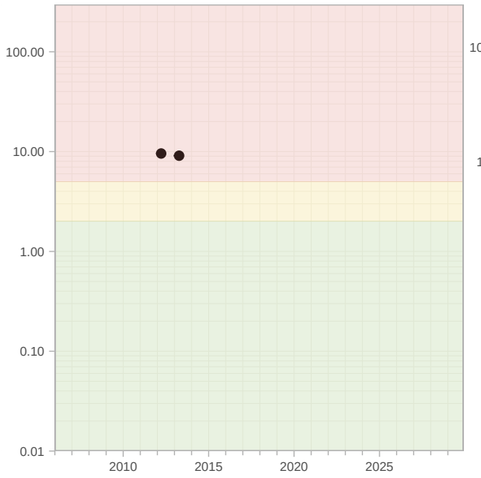
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



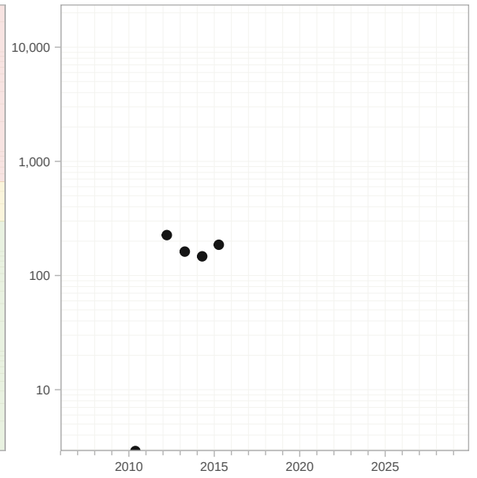
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



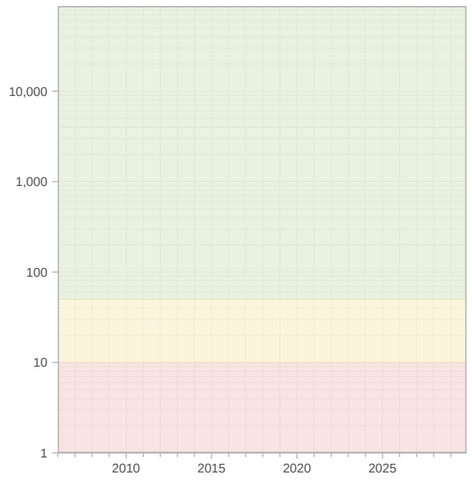
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



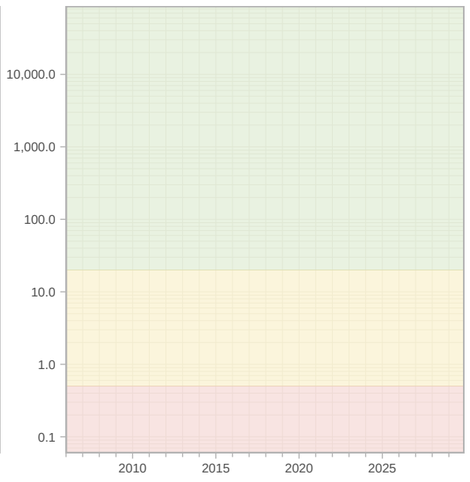
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



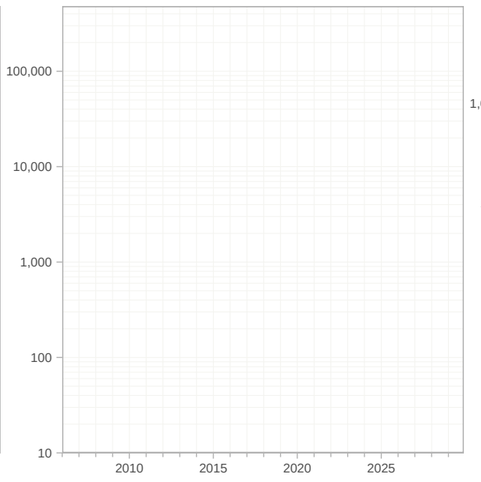
No Data

Methane



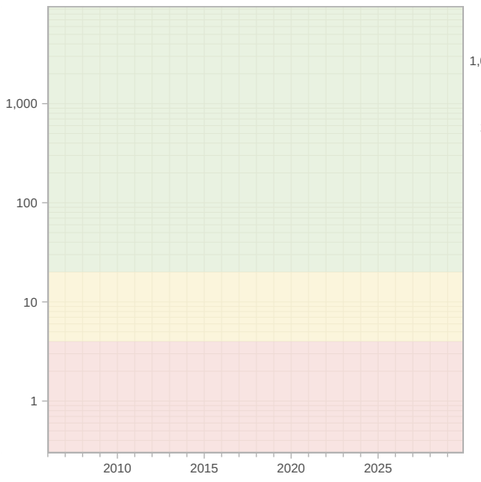
No Data

Iron − Ferrous



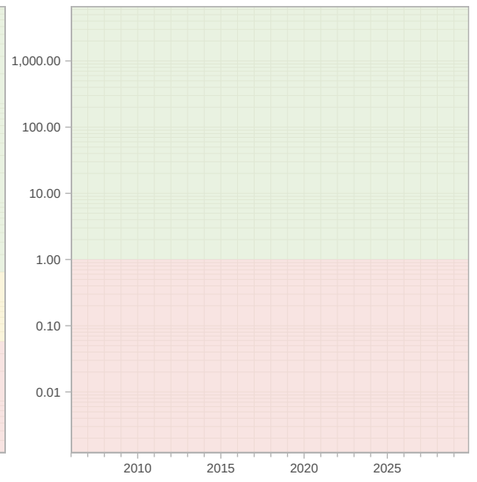
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
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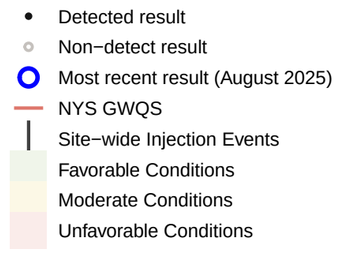
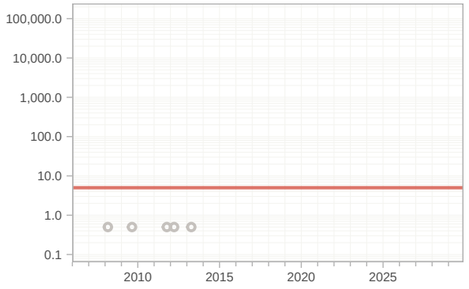
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



109 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

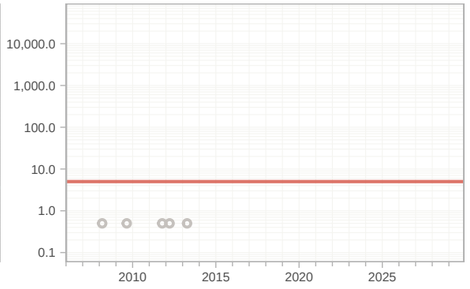
NYS GWQS = 5 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

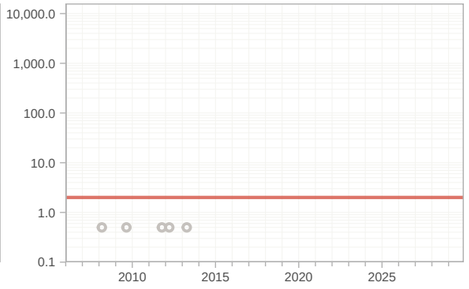
NYS GWQS = 5 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

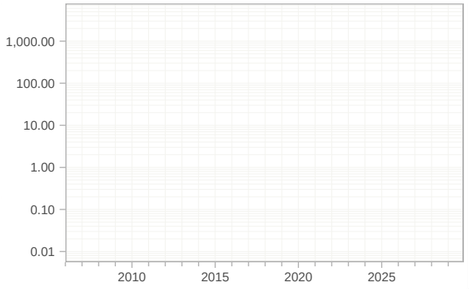
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



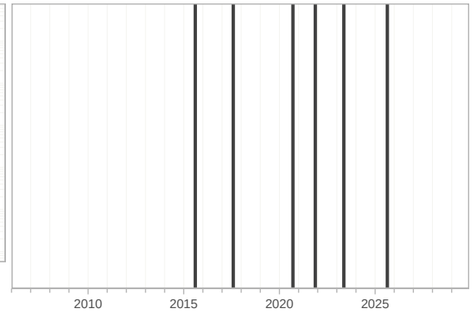
All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Ethane + Ethene



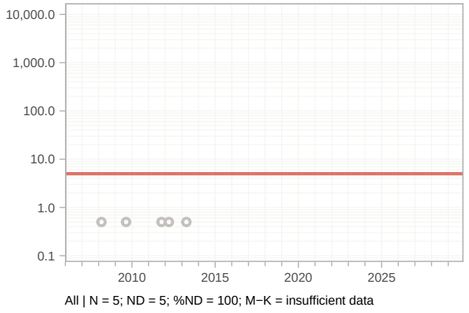
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

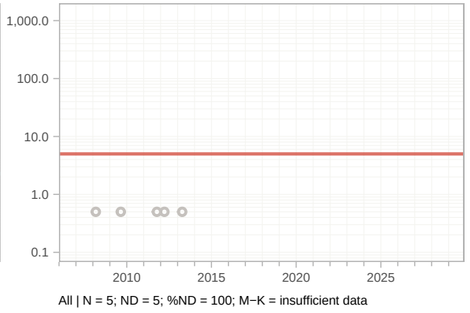
NYS GWQS = 5 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

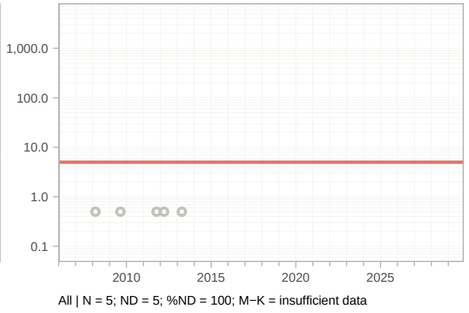
NYS GWQS = 5 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

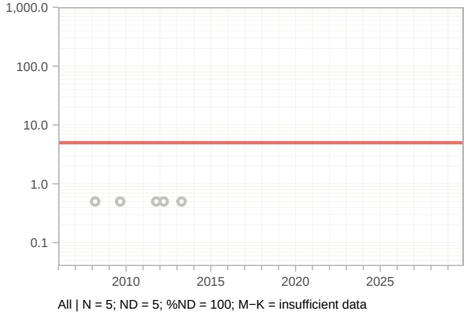
NYS GWQS = 5 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

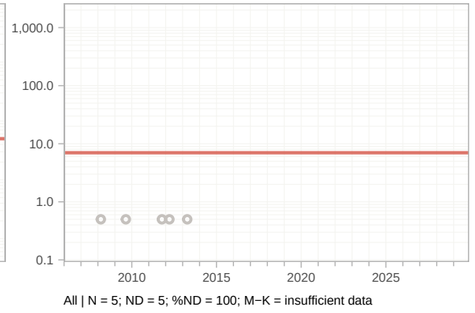
NYS GWQS = 5 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

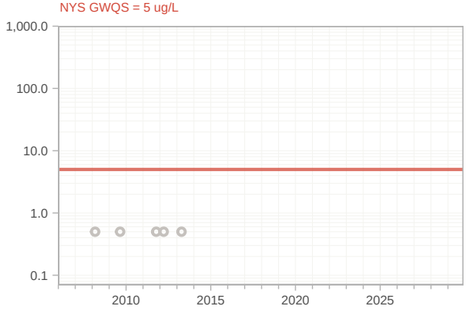
NYS GWQS = 7 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

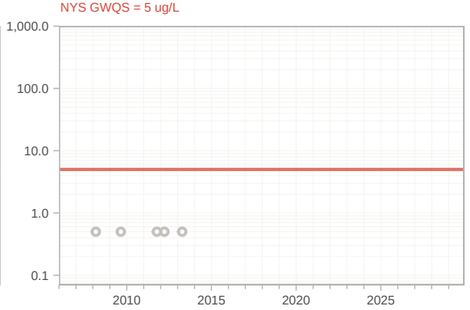
NYS GWQS = 5 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

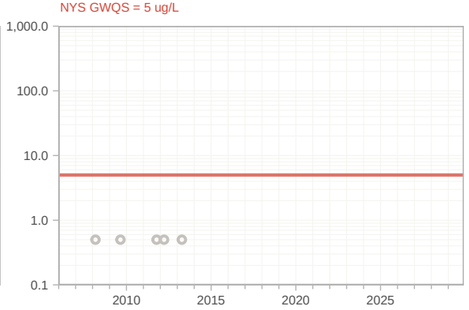
NYS GWQS = 5 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

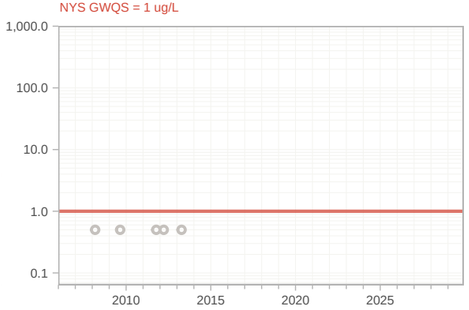
NYS GWQS = 5 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

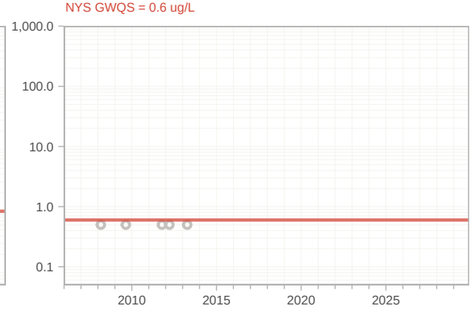
NYS GWQS = 1 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Notes:
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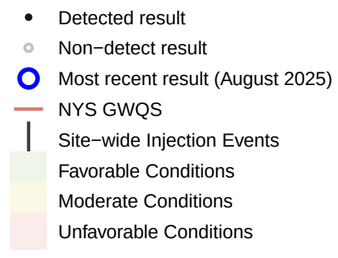
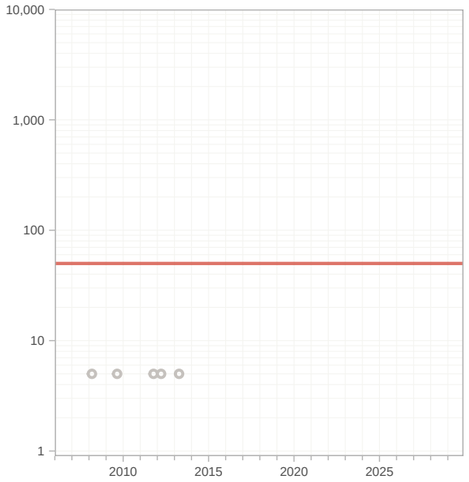


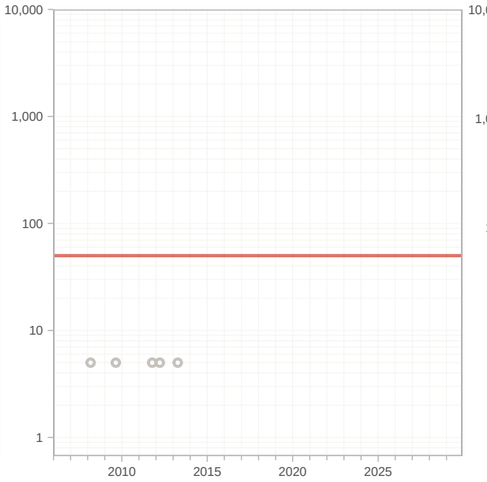
109 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



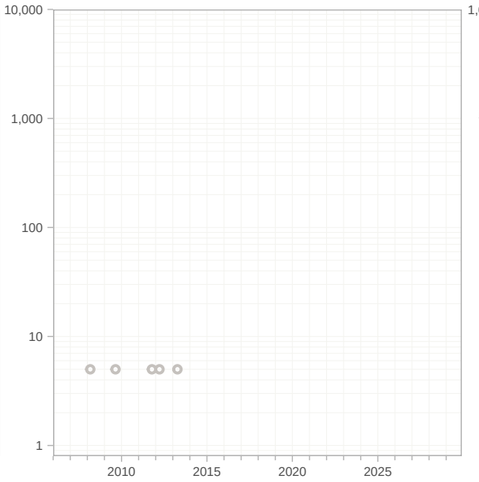
All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



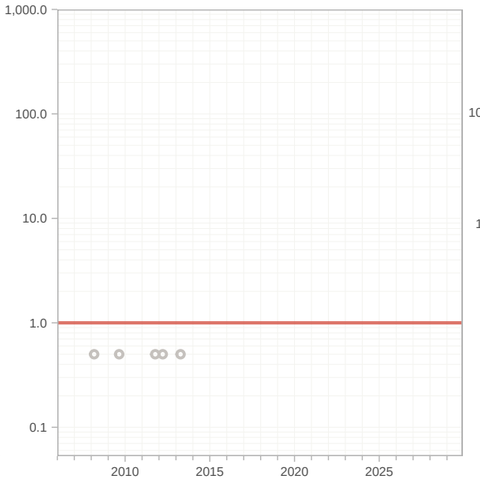
All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



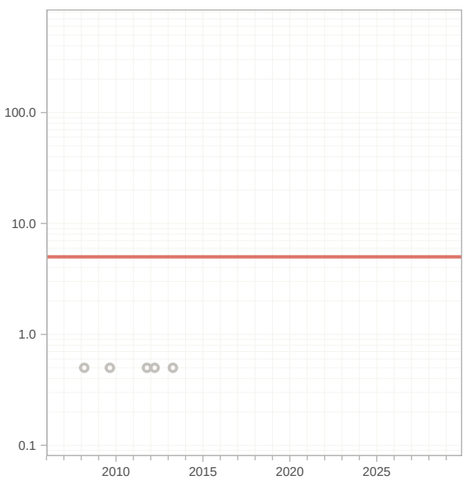
All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Benzene (ug/L)



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Toluene (ug/L)



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Ethylbenzene (ug/L)

All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)

All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)

All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Xylene (o−) (ug/L)

All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

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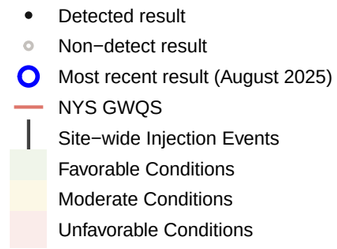
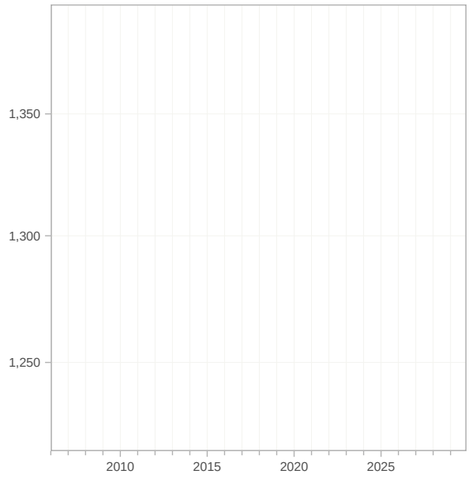


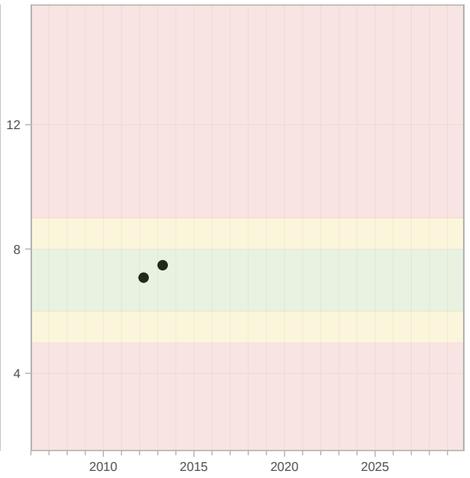
109 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



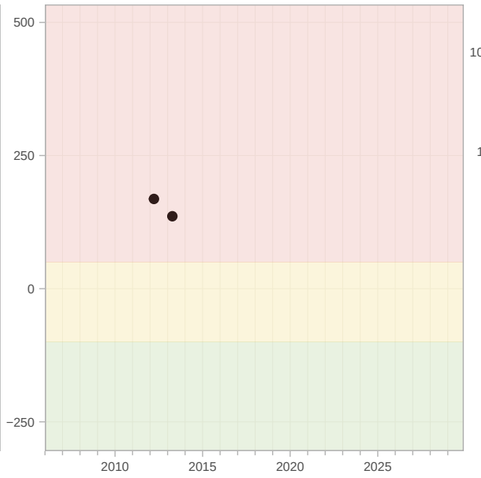
No Data

pH (SU)



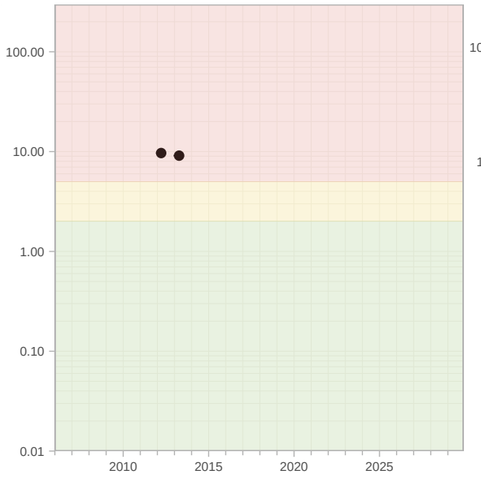
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



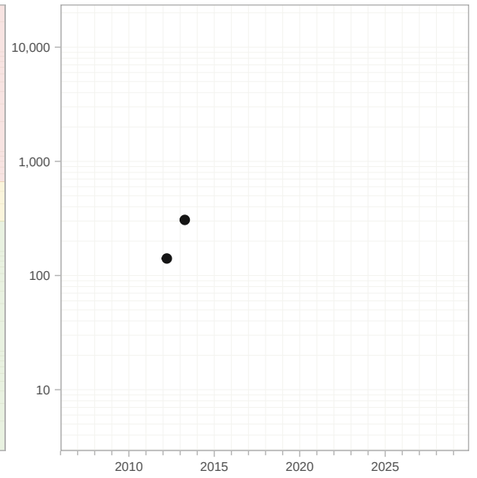
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



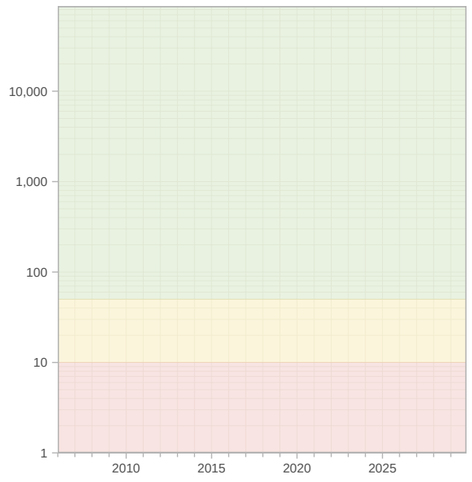
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



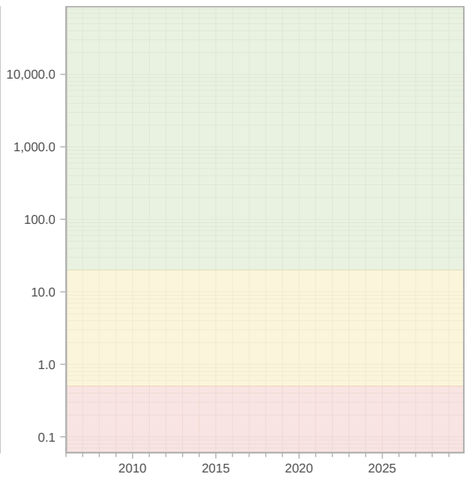
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



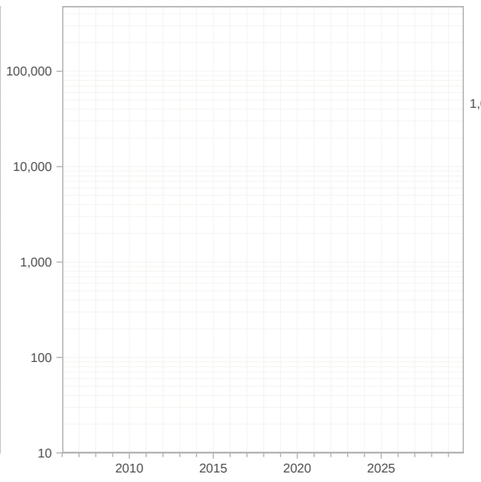
No Data

Methane



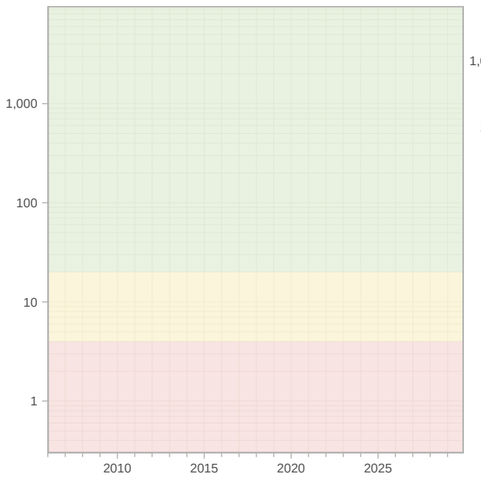
No Data

Iron − Ferrous



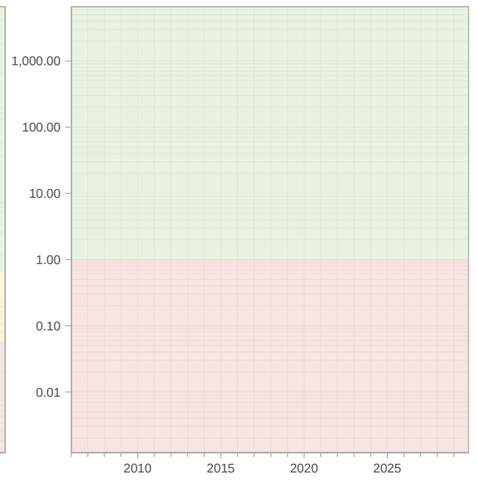
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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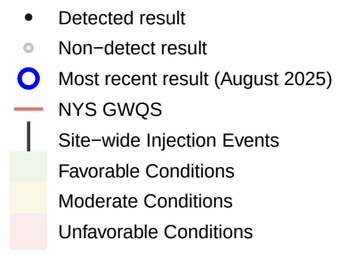
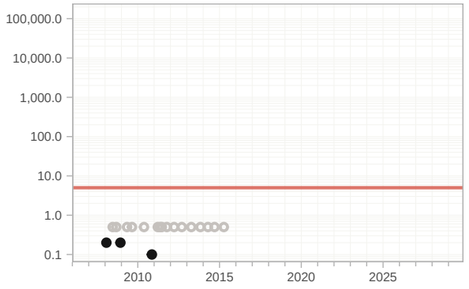


110 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

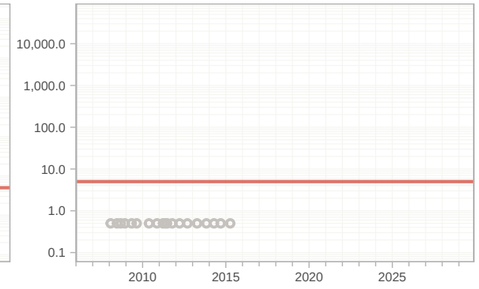
NYS GWQS = 5 ug/L



All | N = 19; ND = 16; %ND = 84.2; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

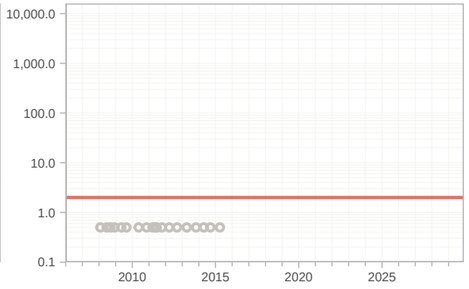
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

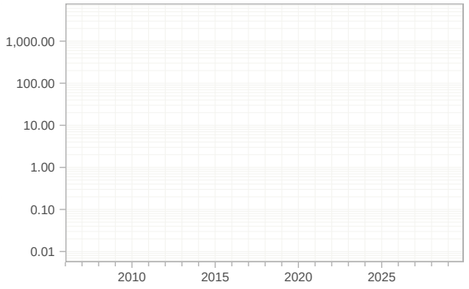
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



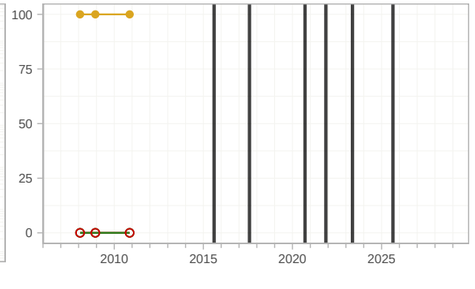
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Ethane + Ethene



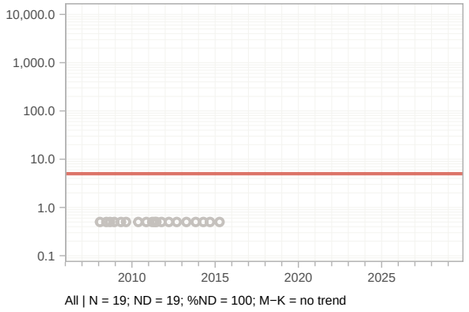
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

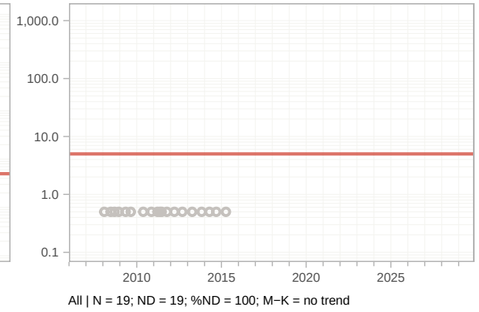
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

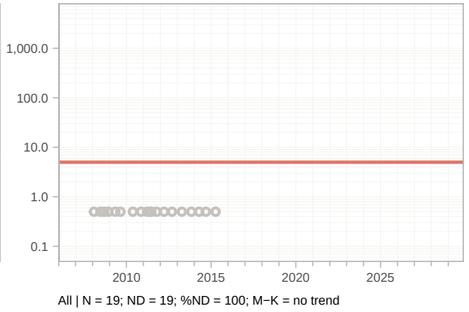
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

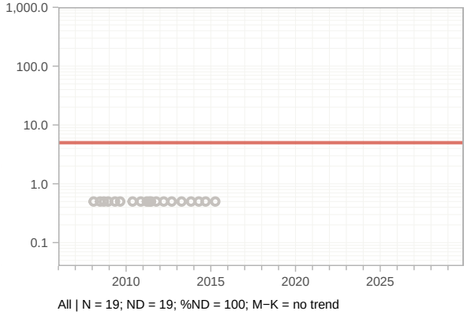
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

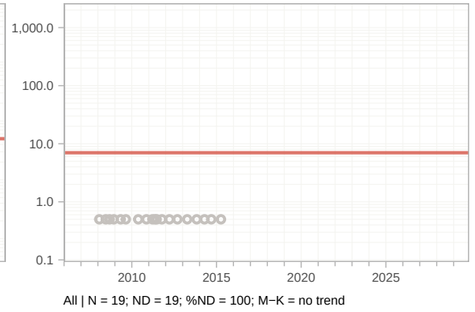
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

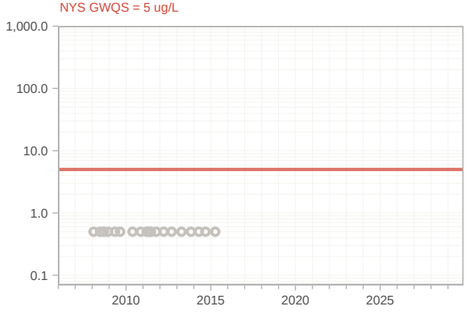
NYS GWQS = 7 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

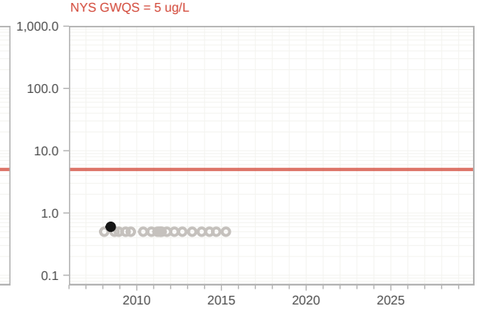
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Chloromethane (ug/L)

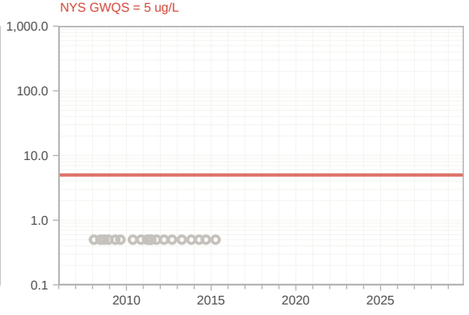
NYS GWQS = 5 ug/L



All | N = 19; ND = 18; %ND = 94.7; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

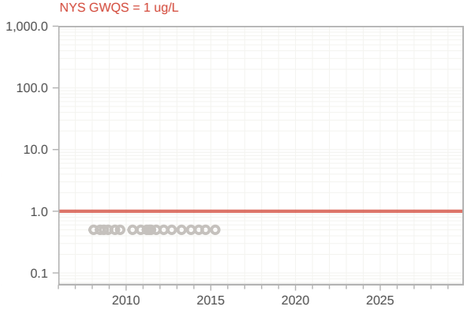
NYS GWQS = 5 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

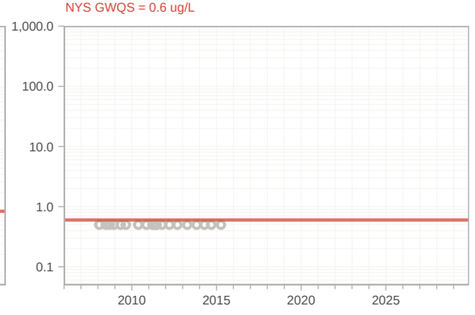
NYS GWQS = 1 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Notes:
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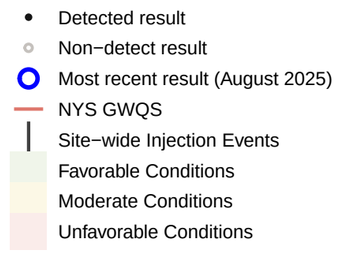
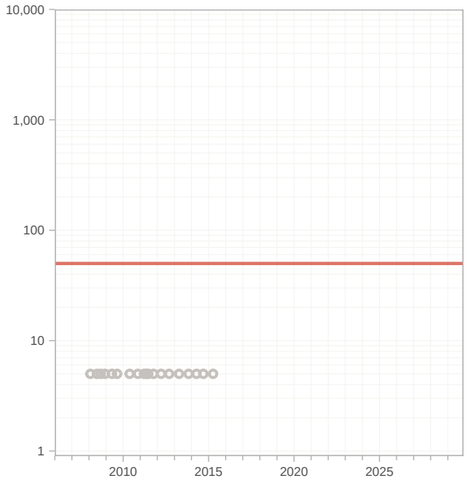


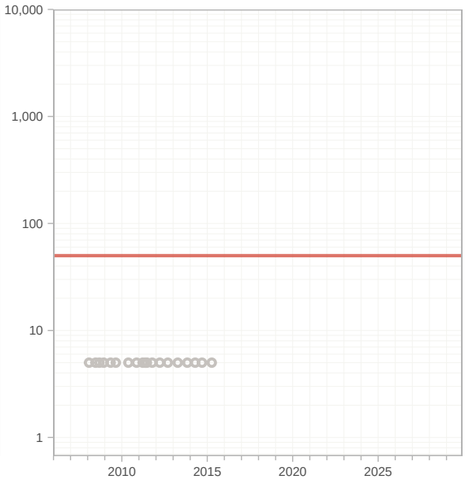
110 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



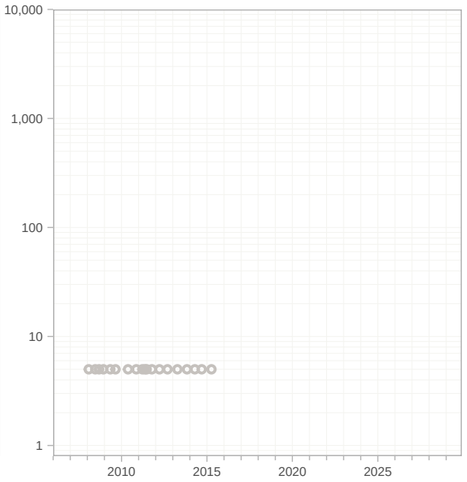
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Butanone (2−) (MEK) (ug/L)



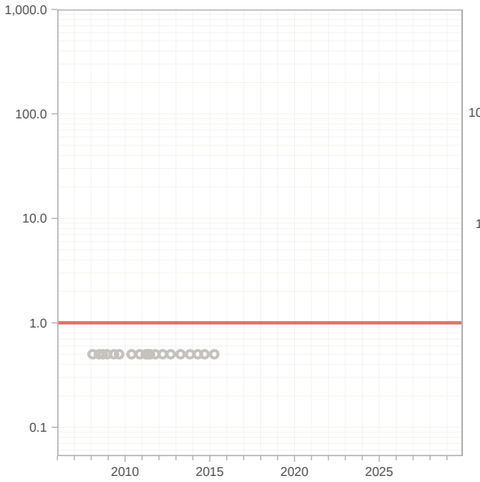
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



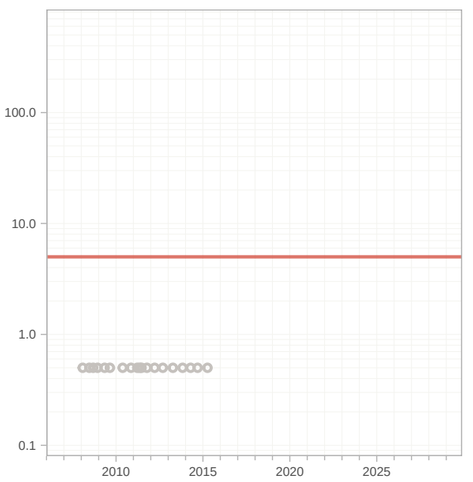
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Benzene (ug/L)



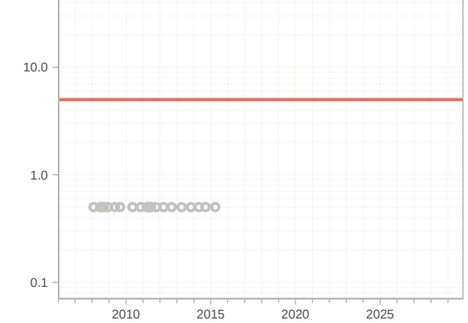
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Toluene (ug/L)



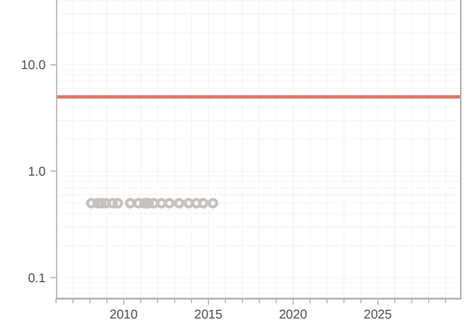
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



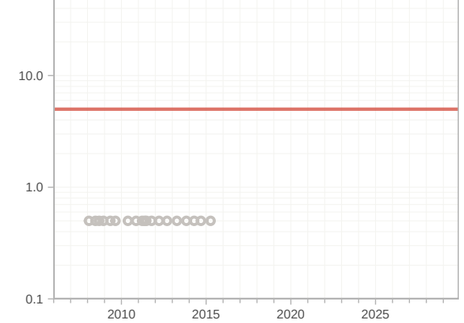
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



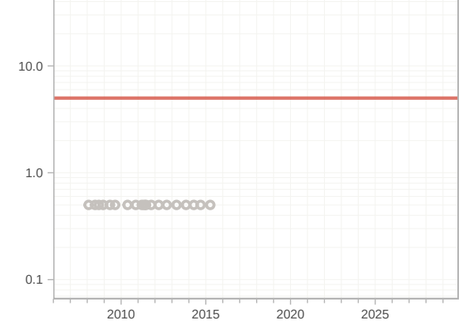
All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 19; ND = 19; %ND = 100; M−K = no trend

Notes:
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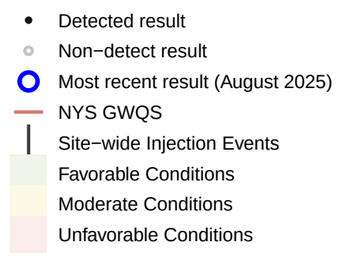
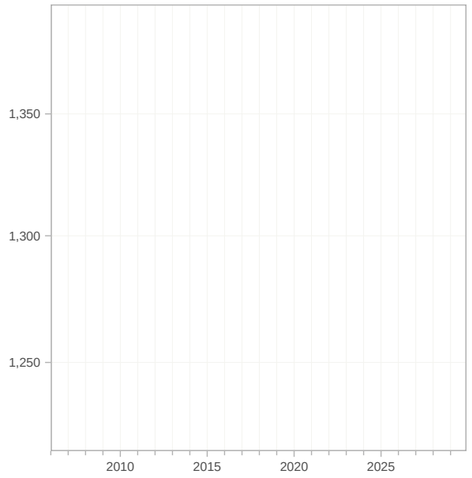


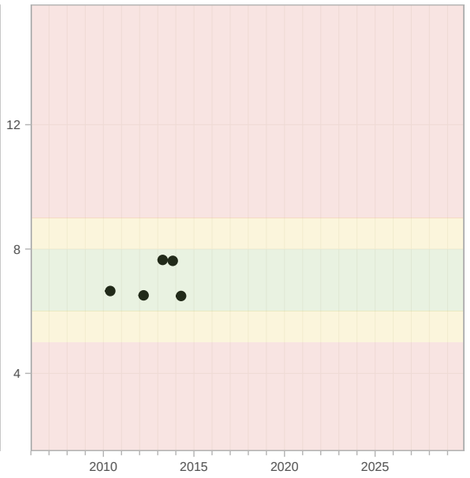
110 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



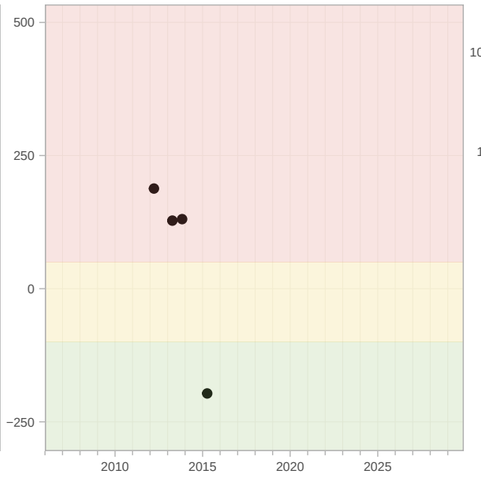
No Data

pH (SU)



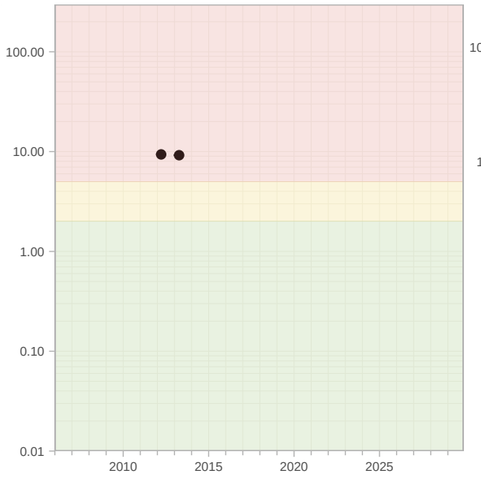
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



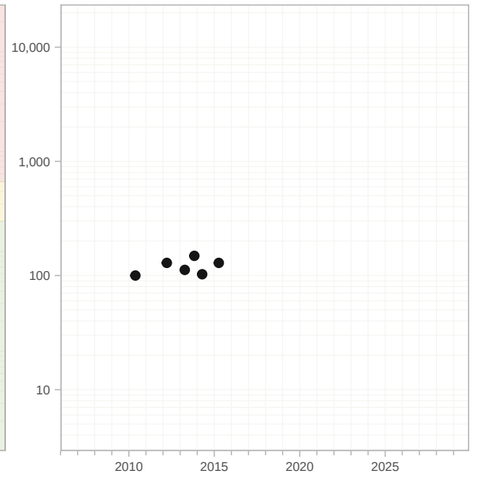
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



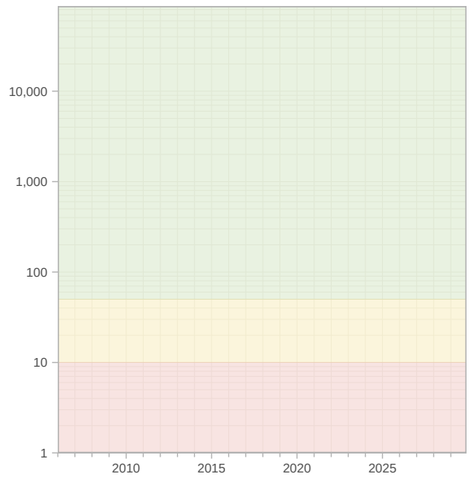
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



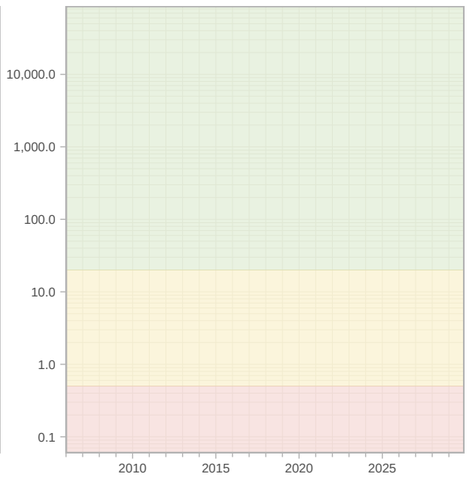
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Sulfide



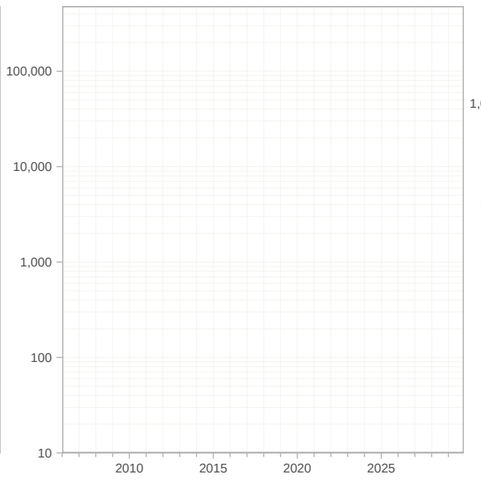
No Data

Methane



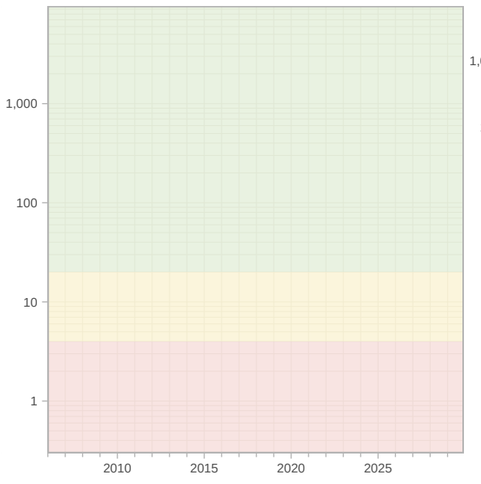
No Data

Iron − Ferrous



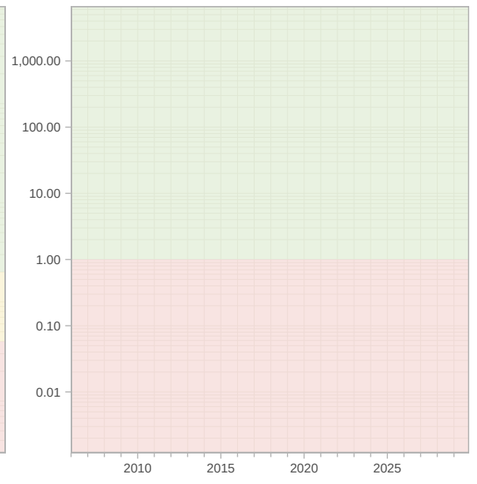
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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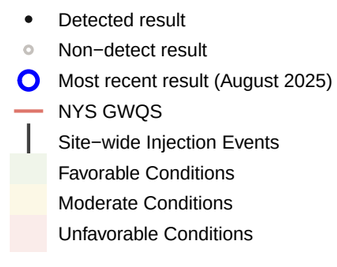
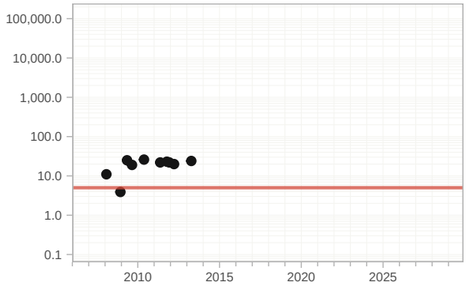


114 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

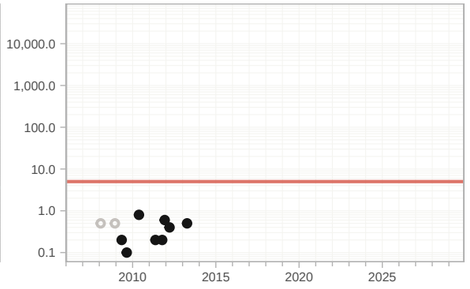
NYS GWQS = 5 ug/L



All | N = 10; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

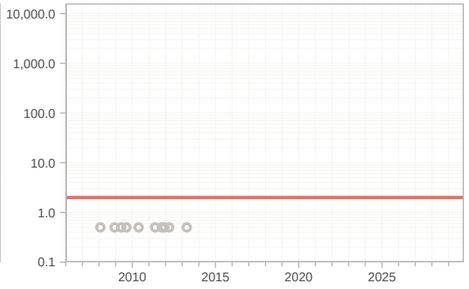
NYS GWQS = 5 ug/L



All | N = 10; ND = 2; %ND = 20; M−K = stable

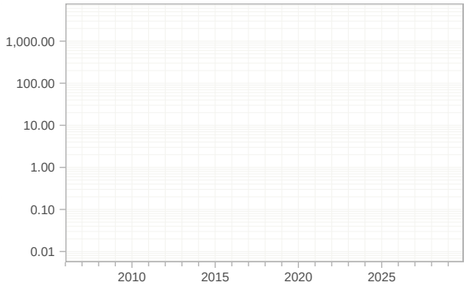
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



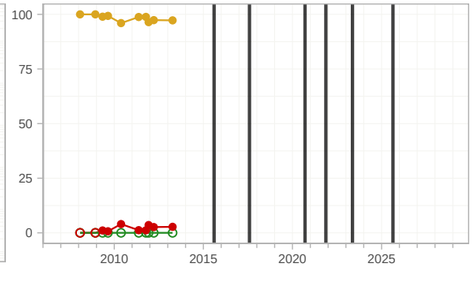
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Ethane + Ethene



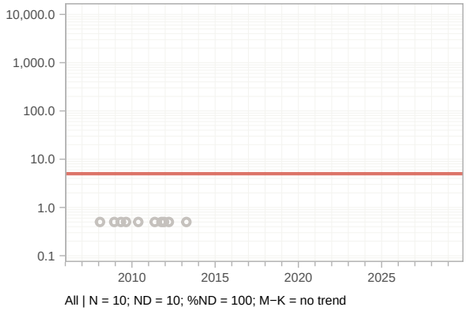
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

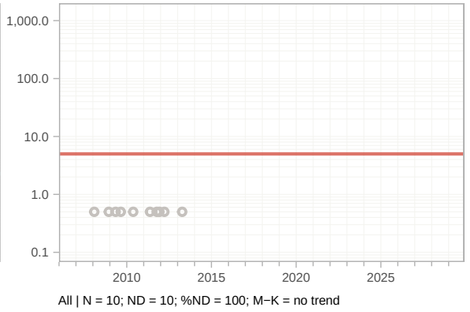
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

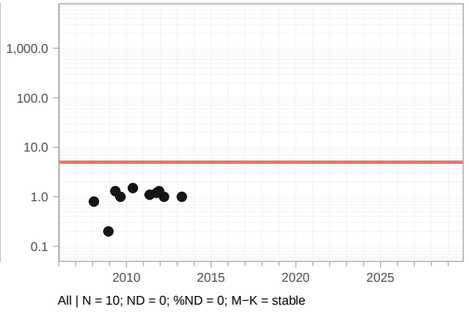
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

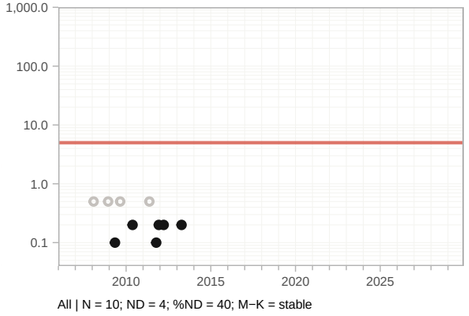
NYS GWQS = 5 ug/L



All | N = 10; ND = 0; %ND = 0; M−K = stable

Carbon tetrachloride (ug/L)

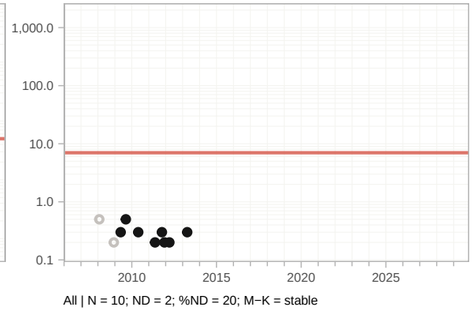
NYS GWQS = 5 ug/L



All | N = 10; ND = 4; %ND = 40; M−K = stable

Chloroform (Trichloromethane) (ug/L)

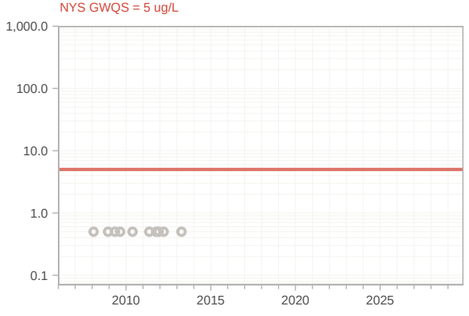
NYS GWQS = 7 ug/L



All | N = 10; ND = 2; %ND = 20; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

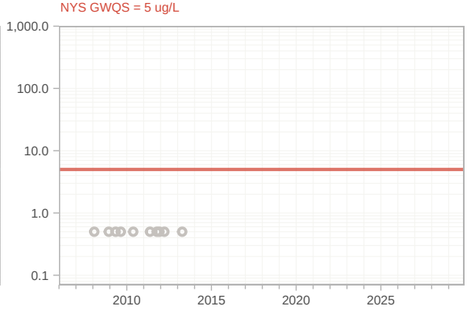
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloromethane (ug/L)

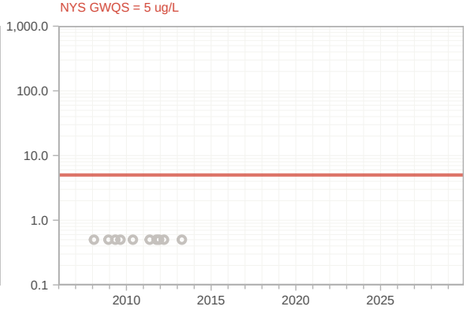
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

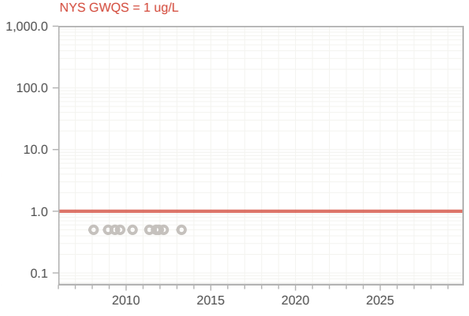
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

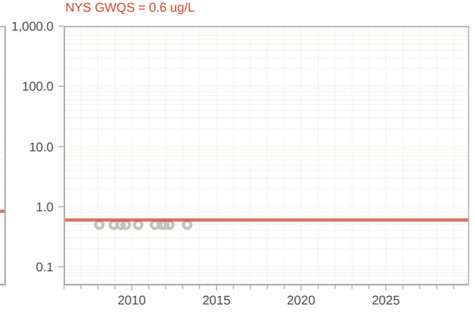
NYS GWQS = 1 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Notes:
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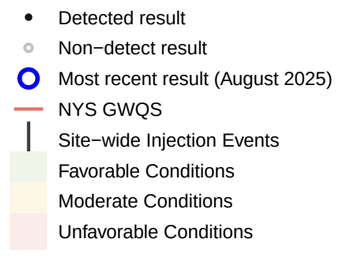
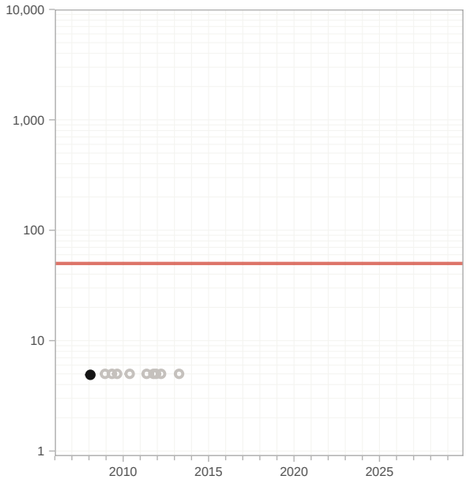


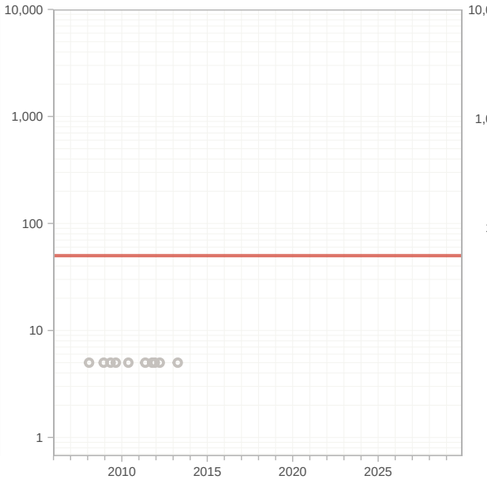
114 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



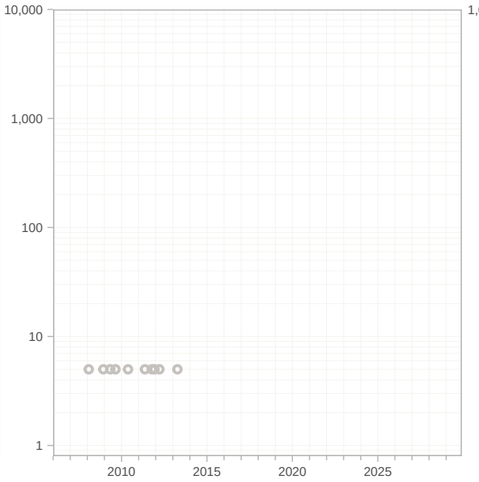
All | N = 10; ND = 9; %ND = 90; M−K = no trend

Butanone (2−) (MEK) (ug/L)



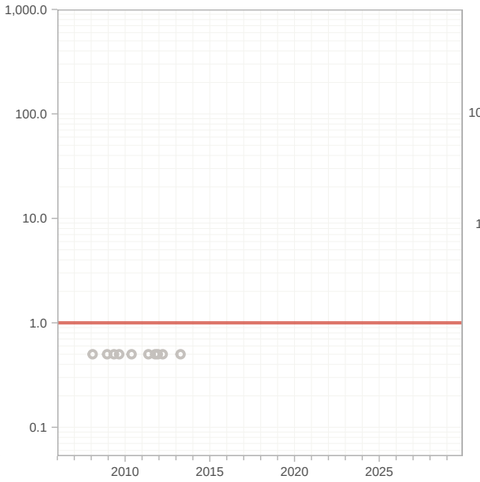
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



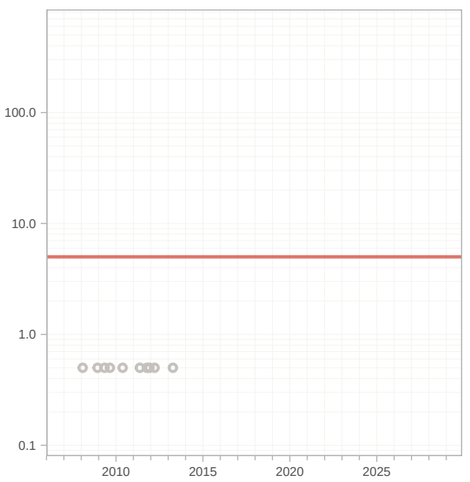
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Benzene (ug/L)



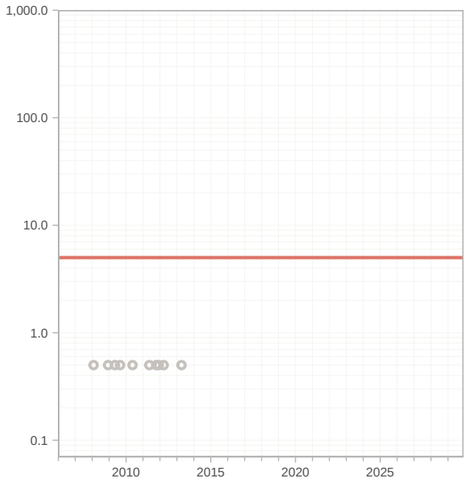
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Toluene (ug/L)



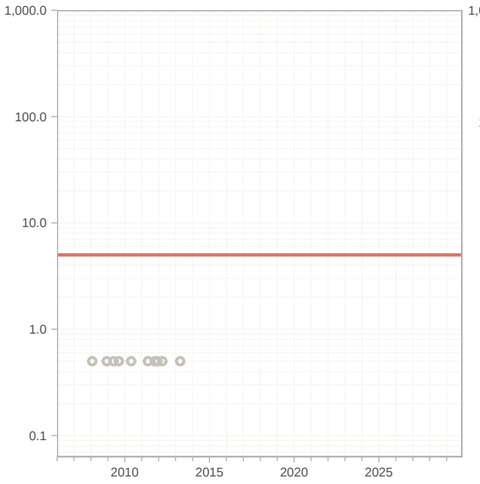
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



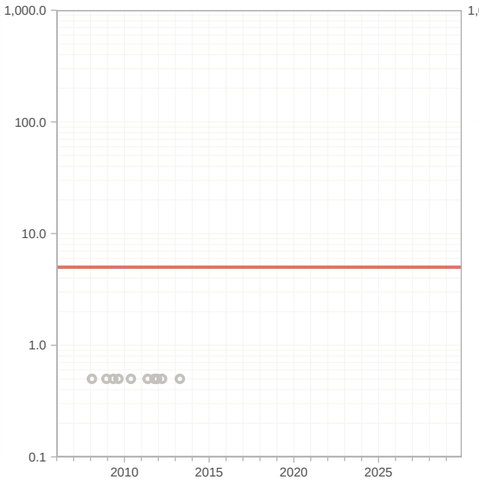
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



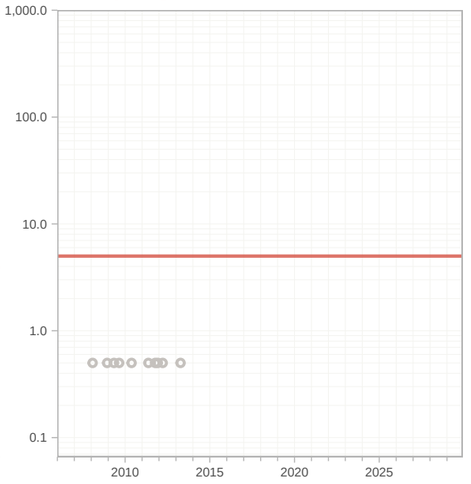
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Notes:
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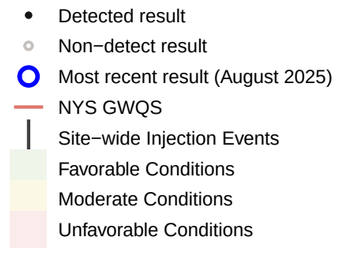
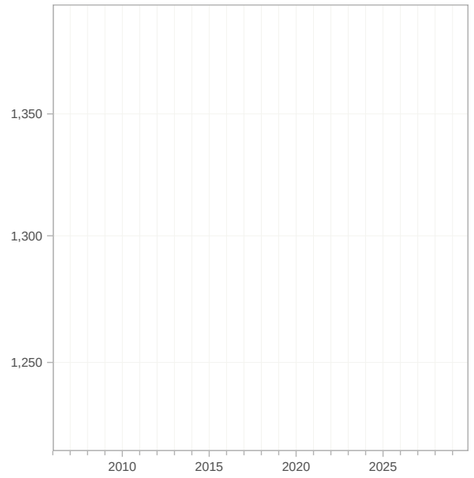


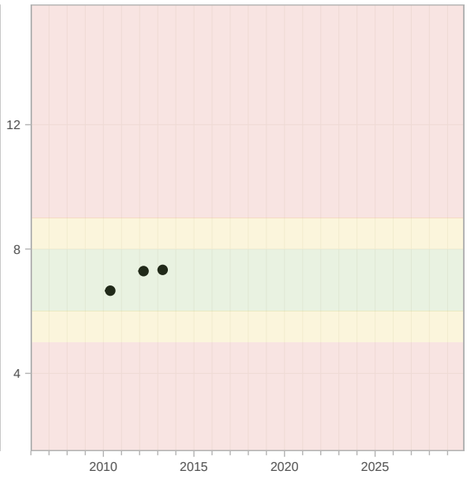
114 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



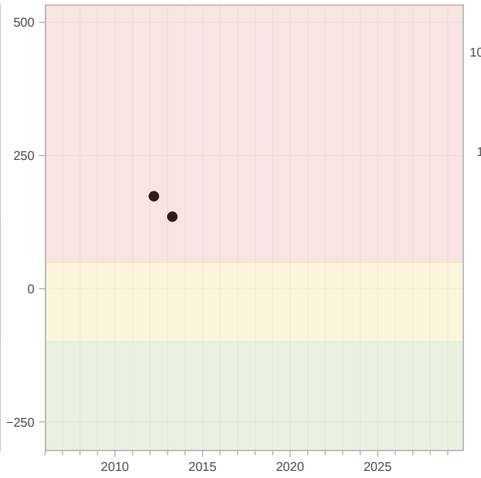
No Data

pH (SU)



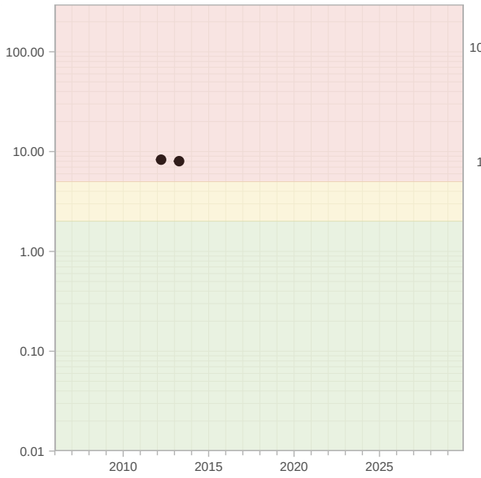
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



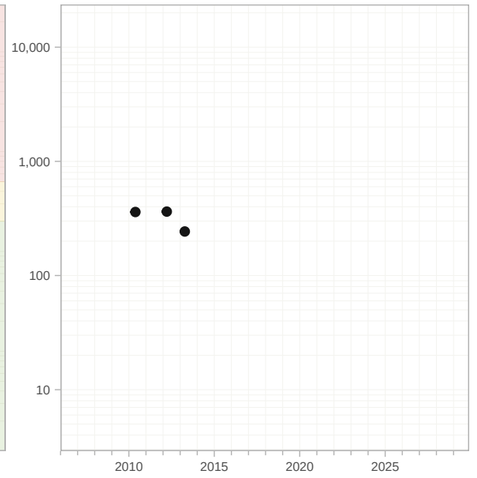
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



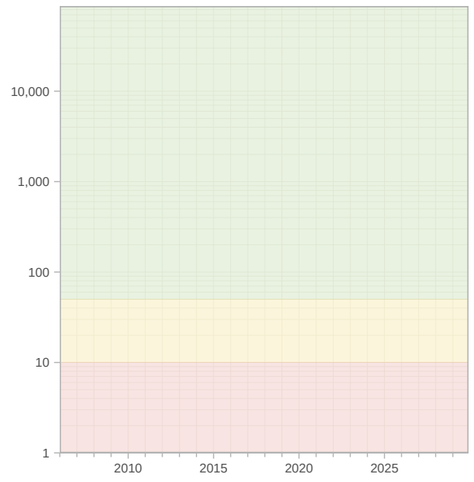
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



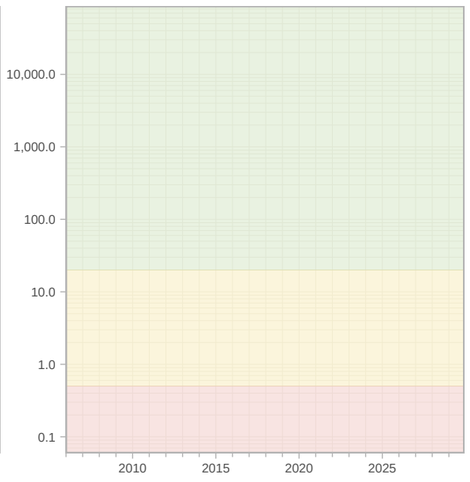
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



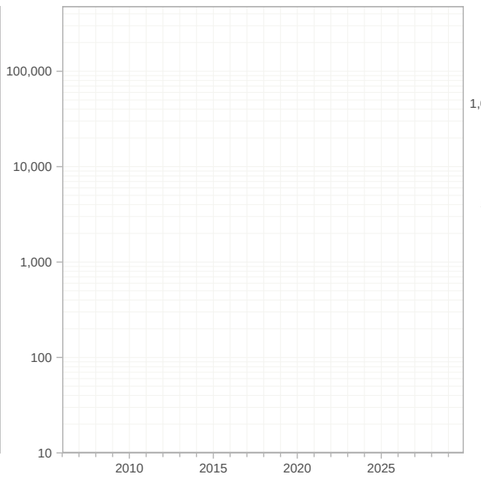
No Data

Methane



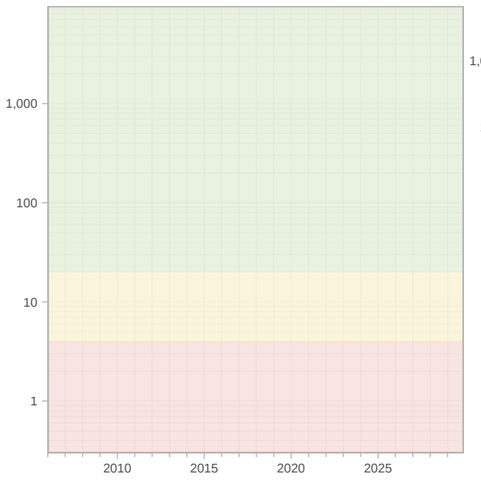
No Data

Iron − Ferrous



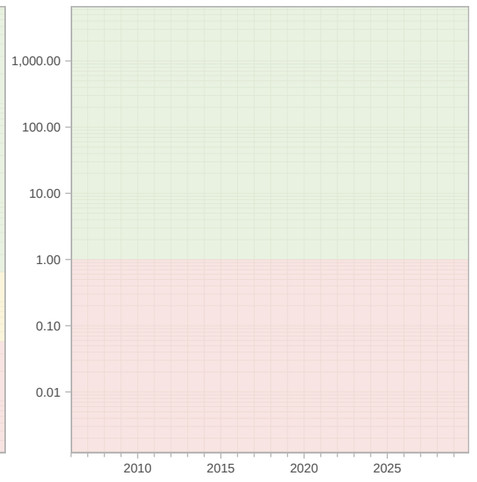
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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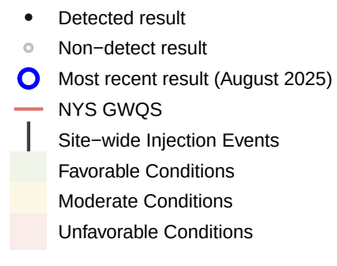
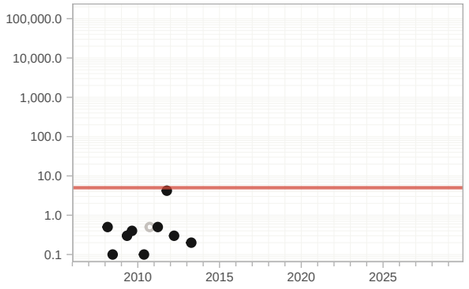


115 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

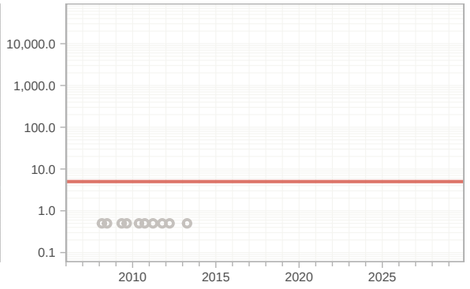
NYS GWQS = 5 ug/L



All | N = 10; ND = 1; %ND = 10; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

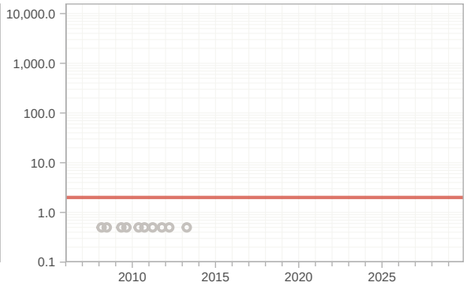
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

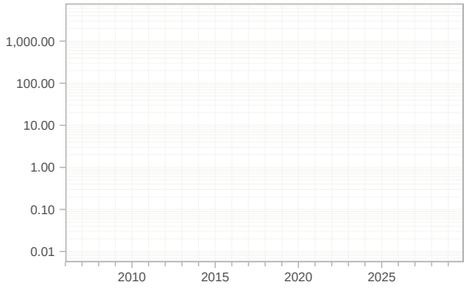
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



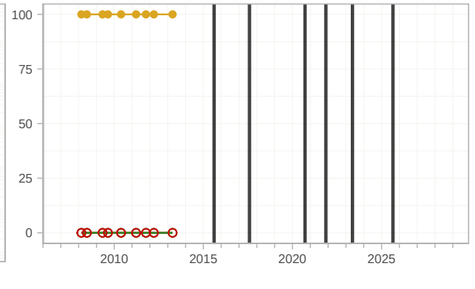
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Ethane + Ethene



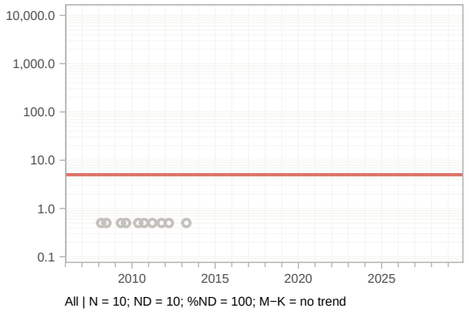
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

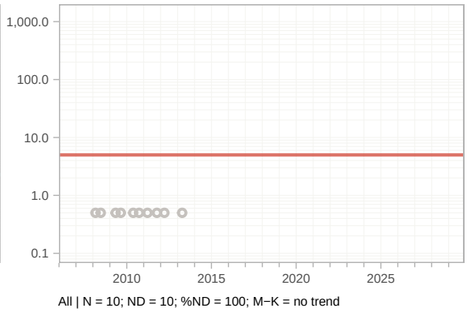
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

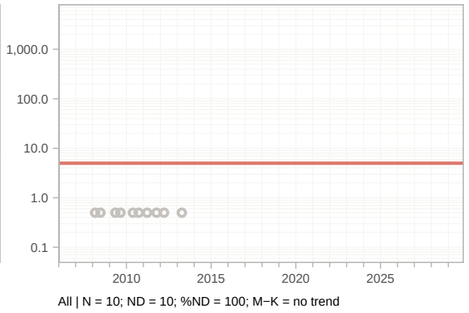
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

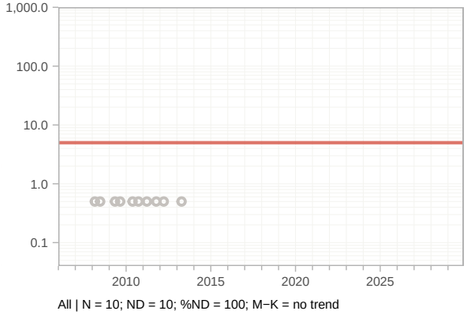
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

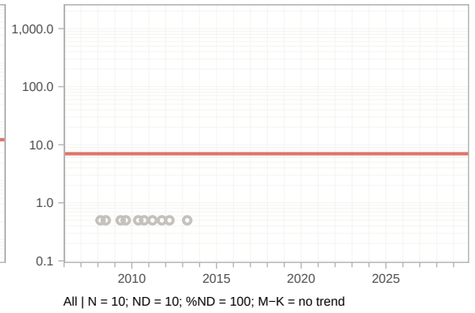
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

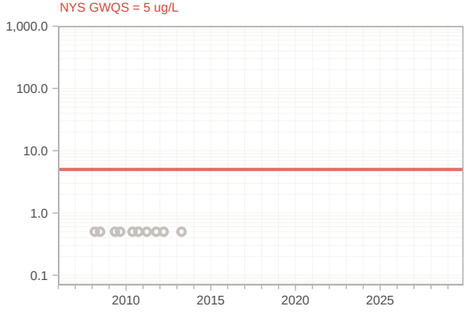
NYS GWQS = 7 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

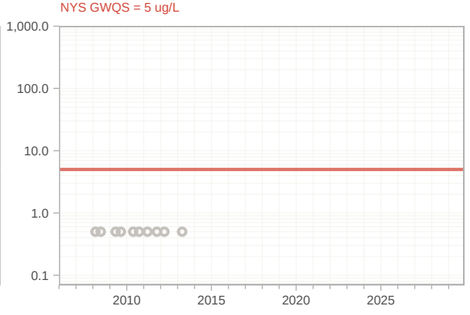
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloromethane (ug/L)

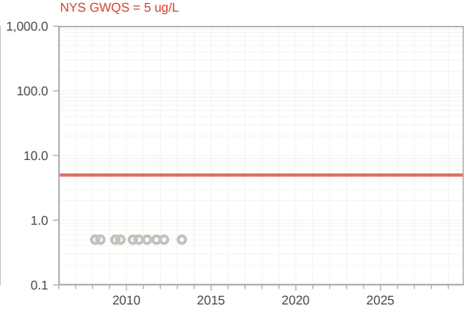
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

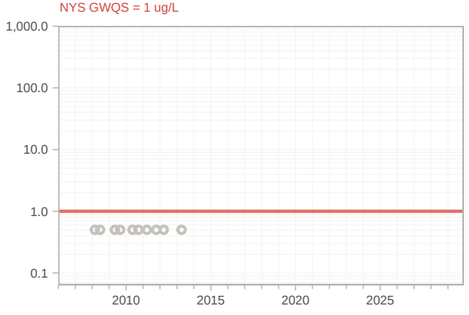
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

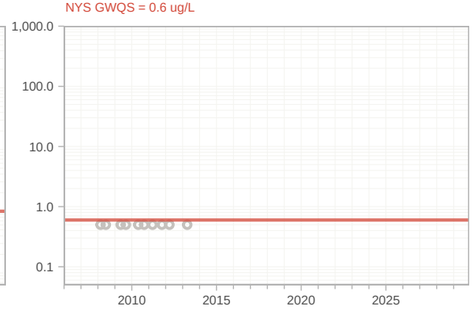
NYS GWQS = 1 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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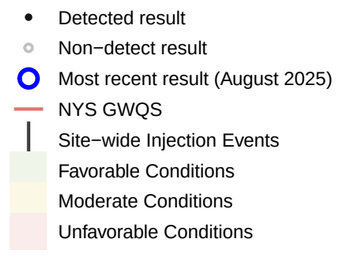
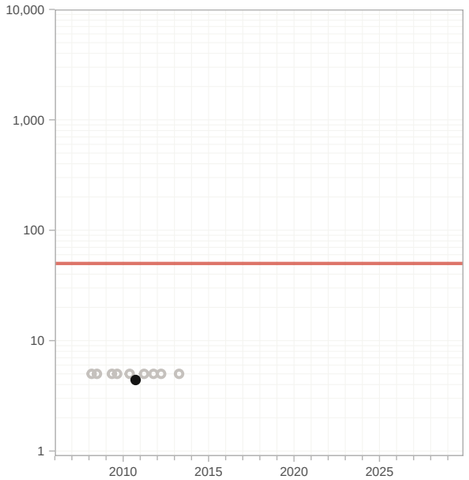


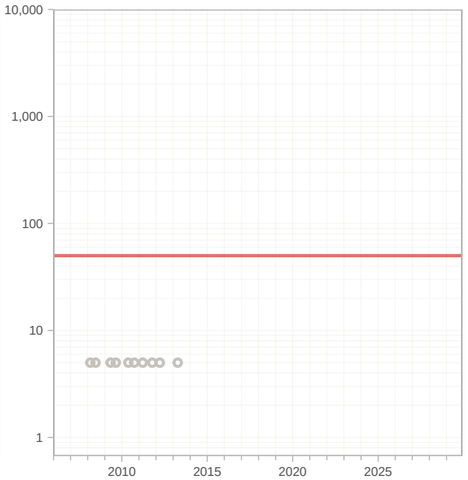
115 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



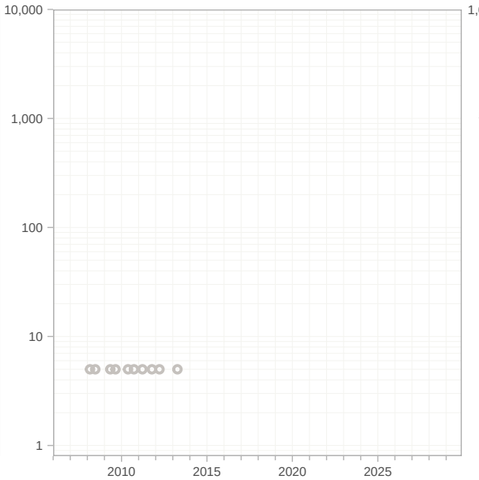
All | N = 10; ND = 9; %ND = 90; M−K = no trend

Butanone (2−) (MEK) (ug/L)



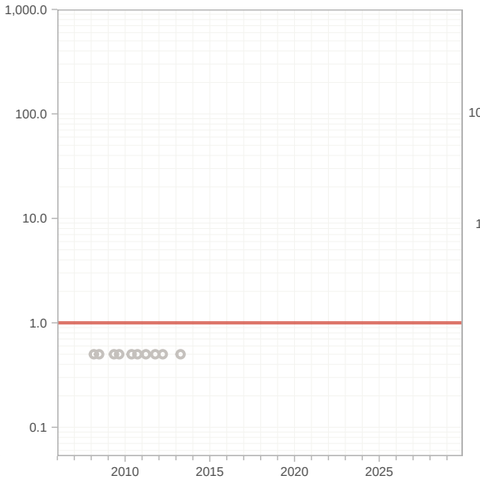
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



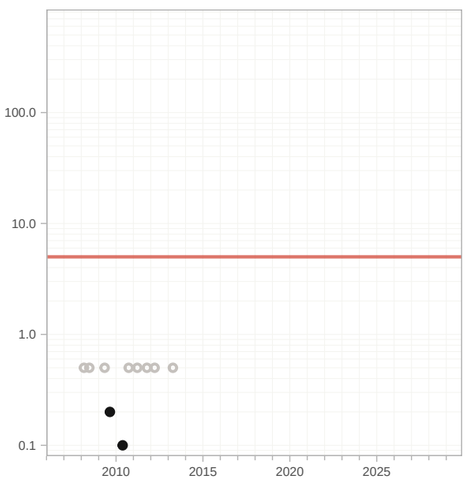
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Benzene (ug/L)



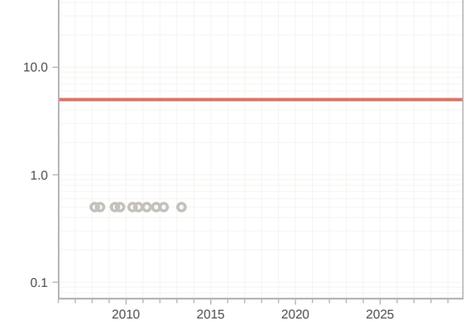
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Toluene (ug/L)



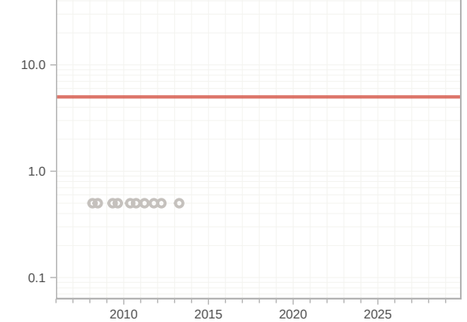
All | N = 10; ND = 8; %ND = 80; M−K = no trend

Ethylbenzene (ug/L)



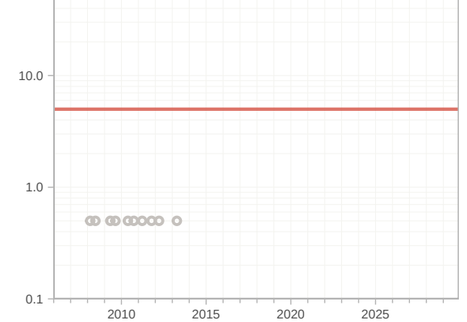
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



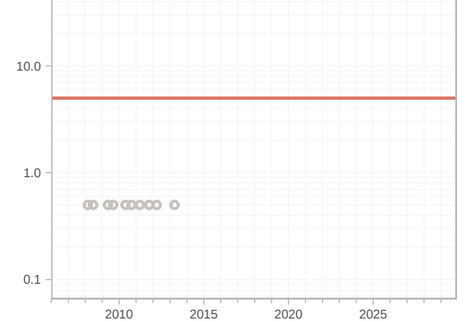
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Notes:
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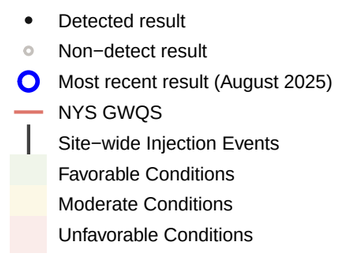
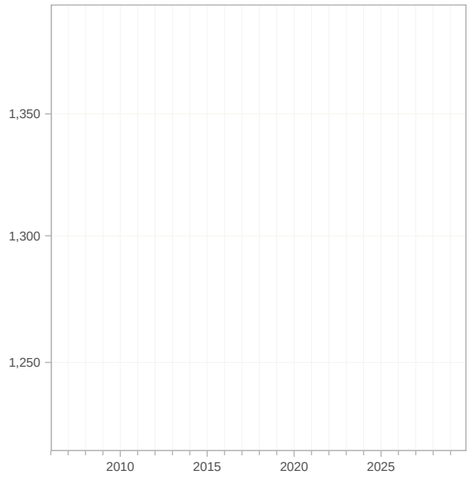


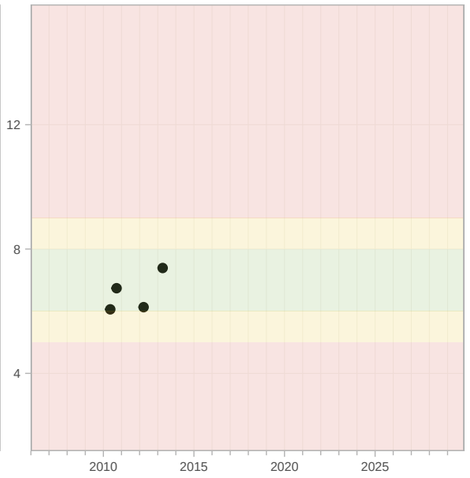
115 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



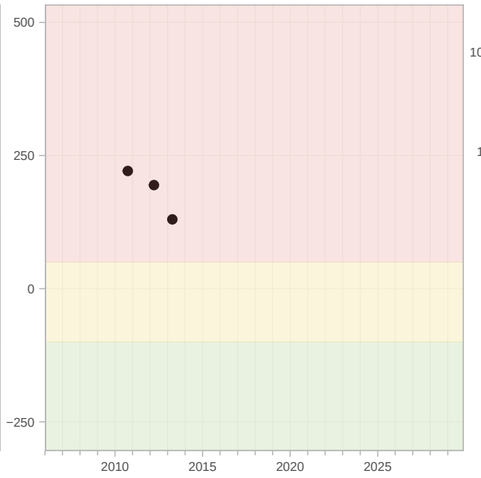
No Data

pH (SU)



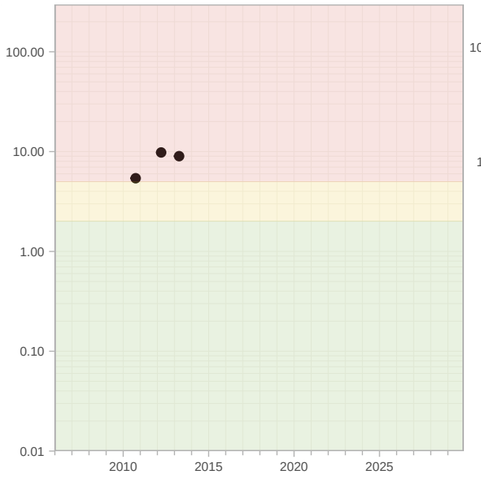
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



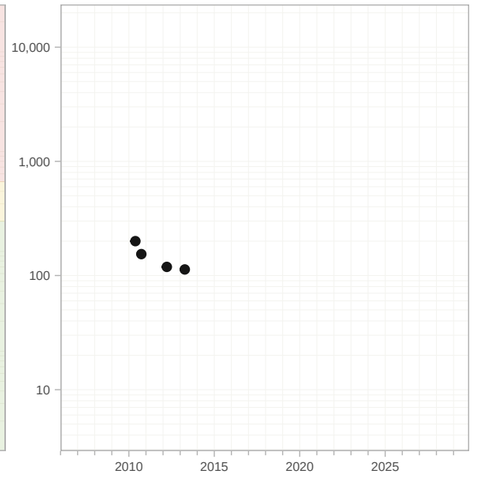
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



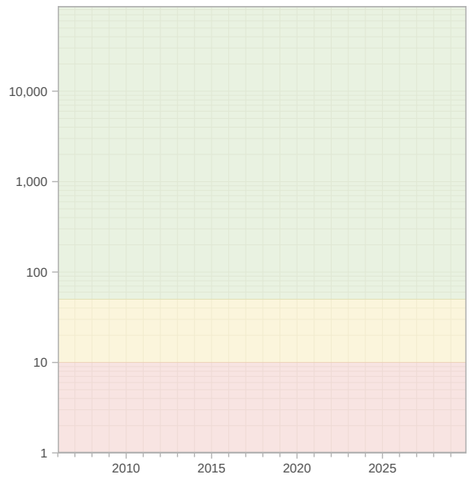
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



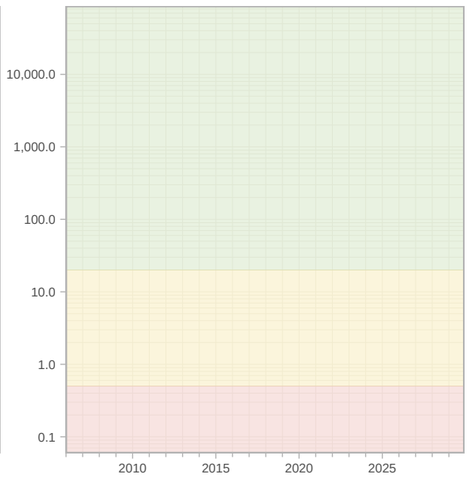
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



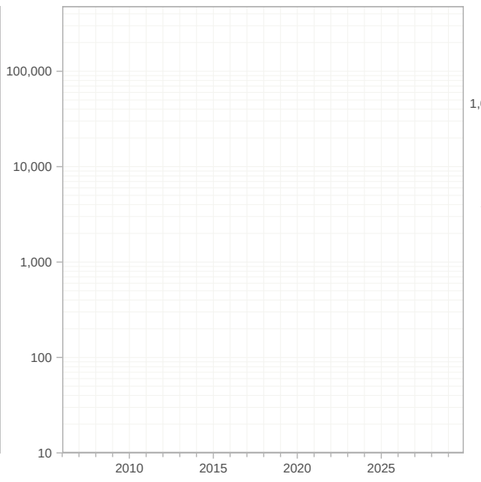
No Data

Methane



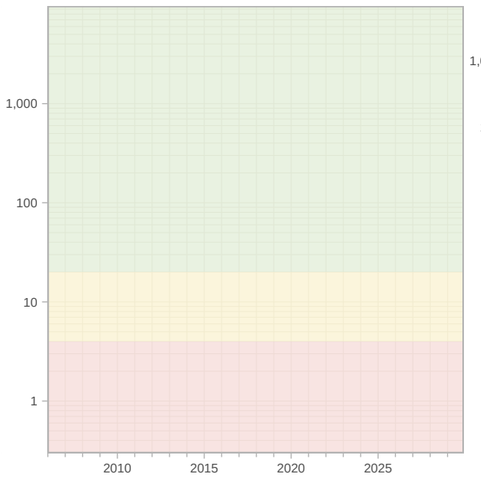
No Data

Iron − Ferrous



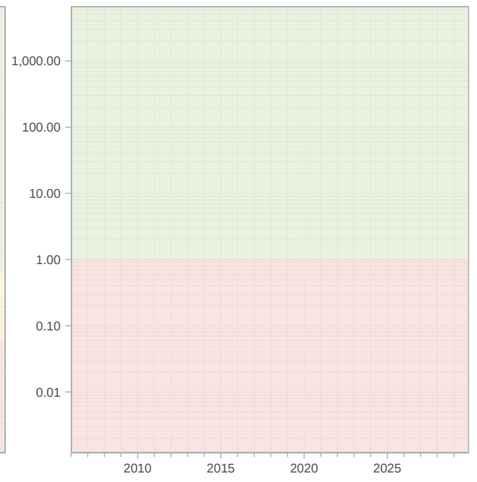
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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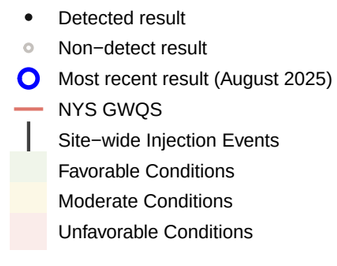
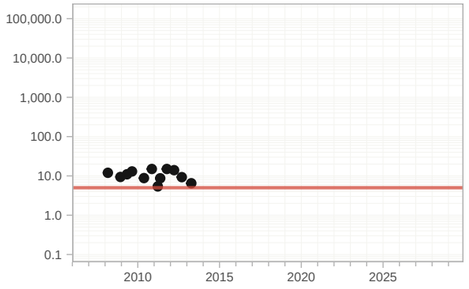


116 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

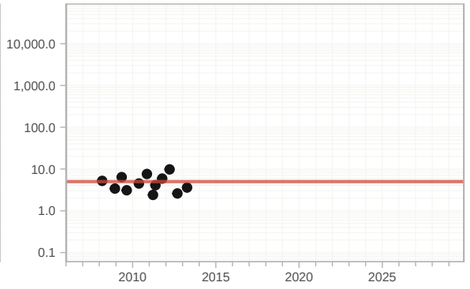
NYS GWQS = 5 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

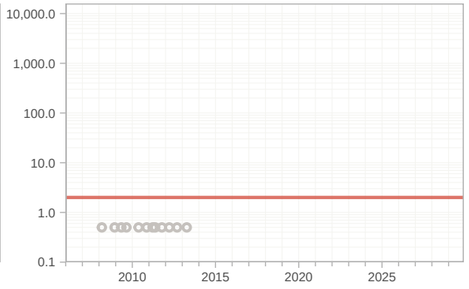
NYS GWQS = 5 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

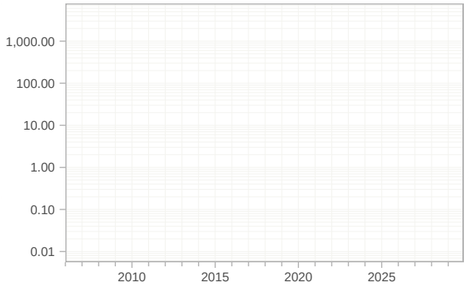
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



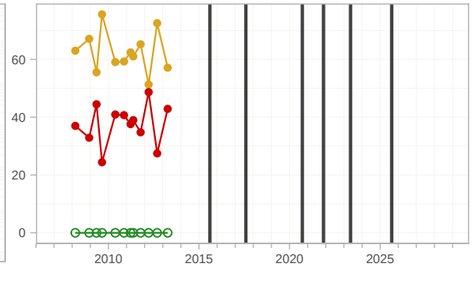
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethane + Ethene



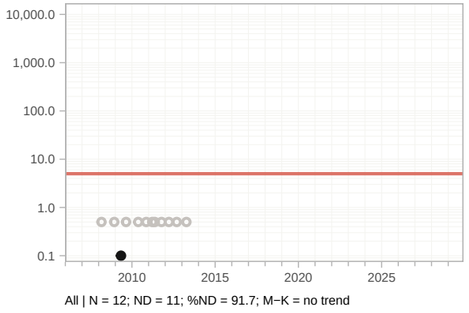
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

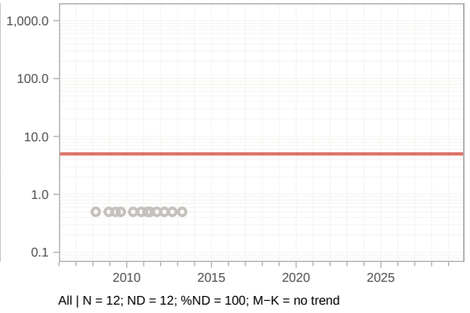
NYS GWQS = 5 ug/L



All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Dichloroethene (1,1−) (ug/L)

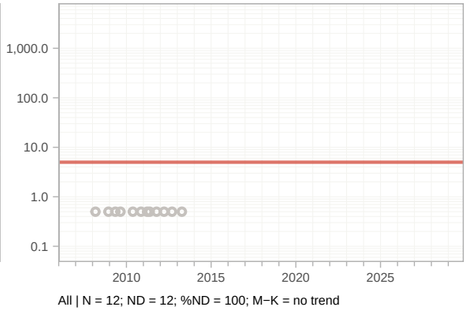
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

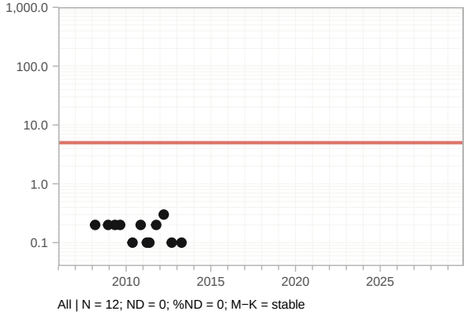
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

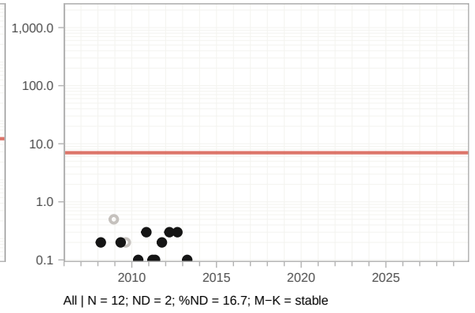
NYS GWQS = 5 ug/L



All | N = 12; ND = 0; %ND = 0; M−K = stable

Chloroform (Trichloromethane) (ug/L)

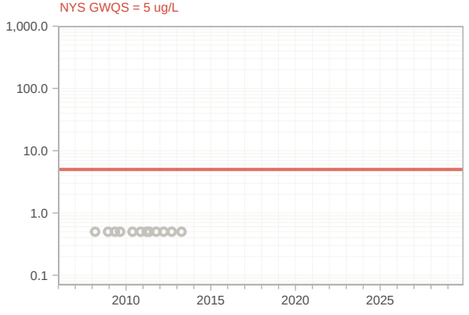
NYS GWQS = 7 ug/L



All | N = 12; ND = 2; %ND = 16.7; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

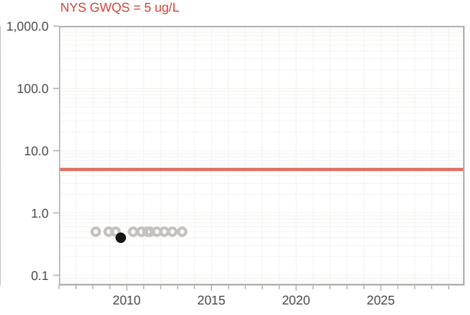
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloromethane (ug/L)

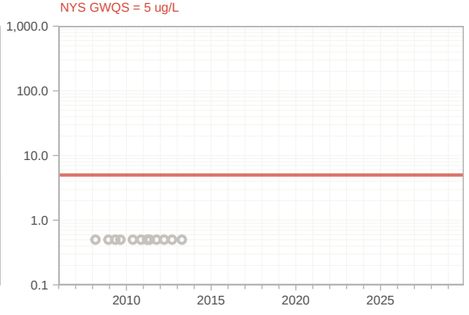
NYS GWQS = 5 ug/L



All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

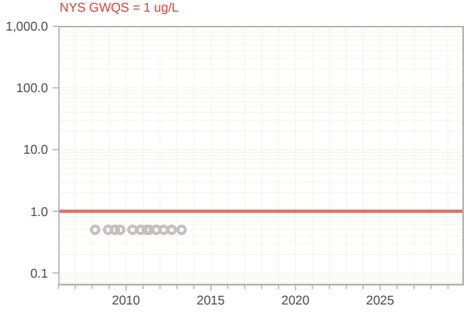
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

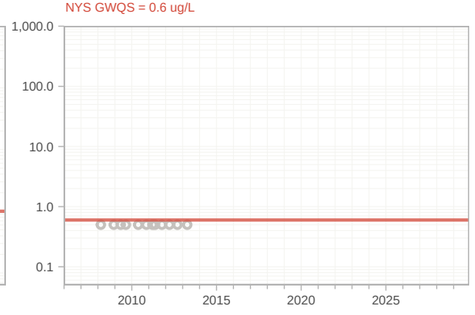
NYS GWQS = 1 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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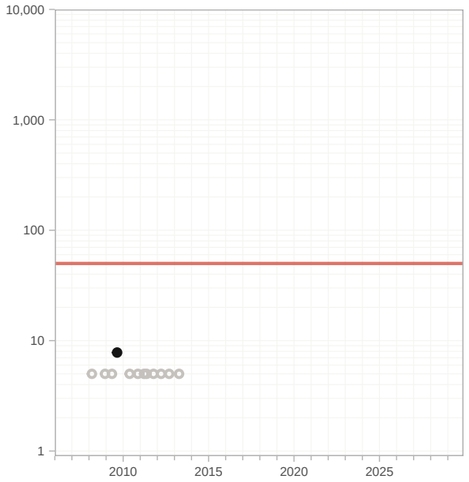
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

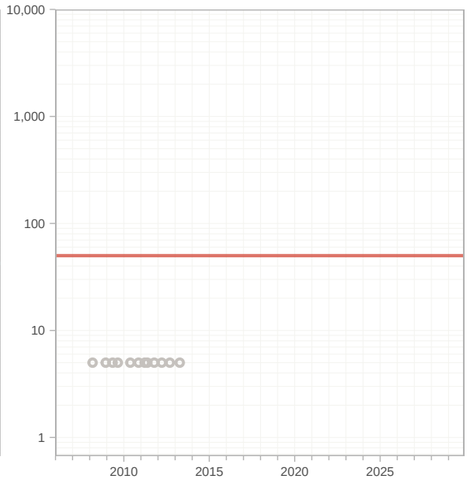
116 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



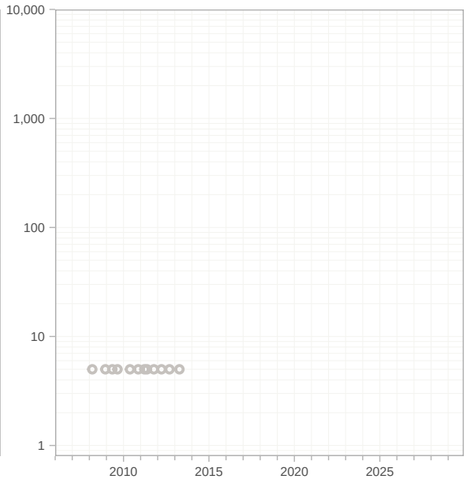
All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Butanone (2−) (MEK) (ug/L)



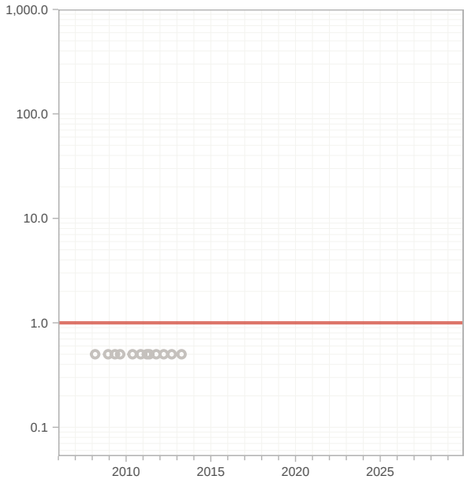
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



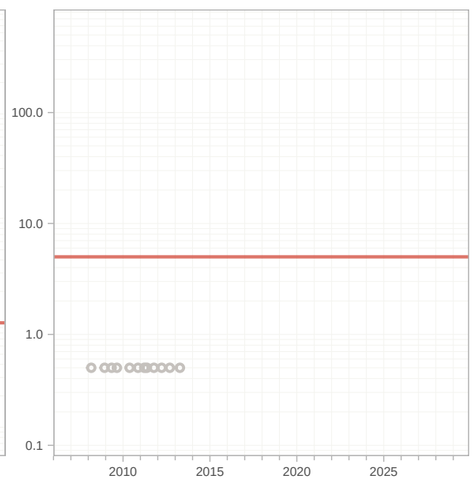
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Benzene (ug/L)



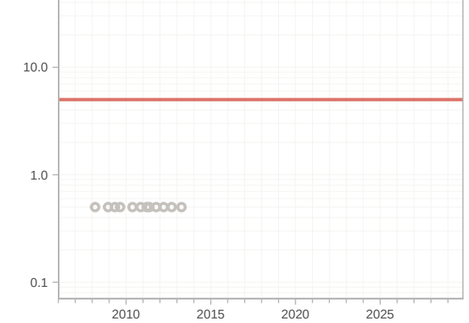
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Toluene (ug/L)



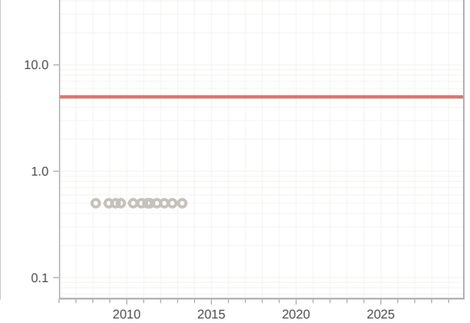
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



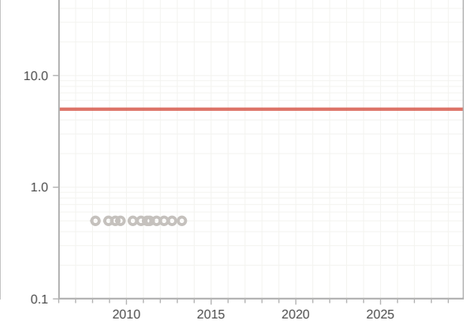
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



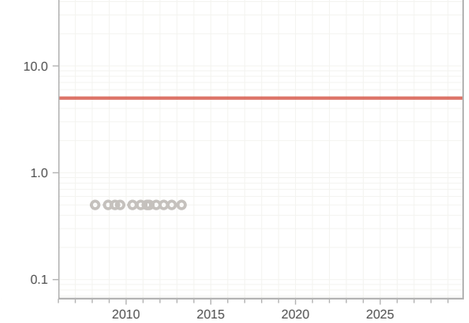
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Notes:
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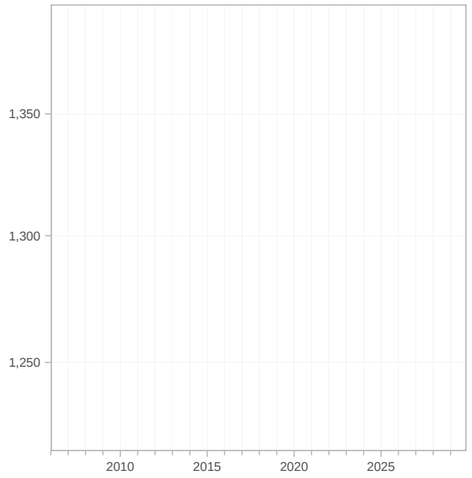
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

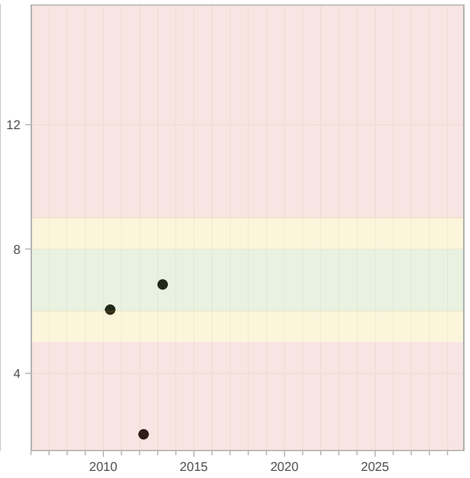
116 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



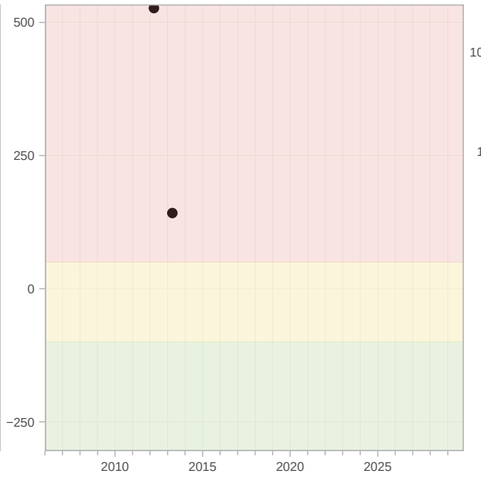
No Data

pH (SU)



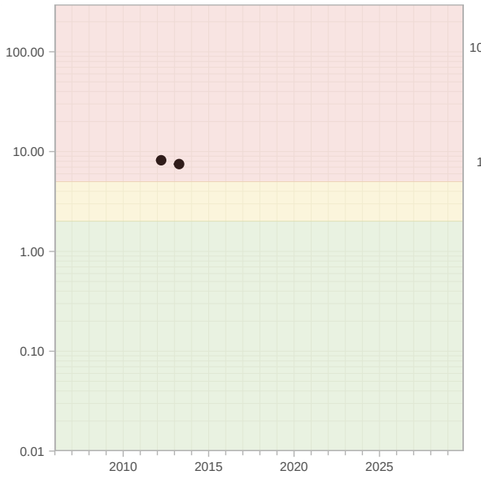
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



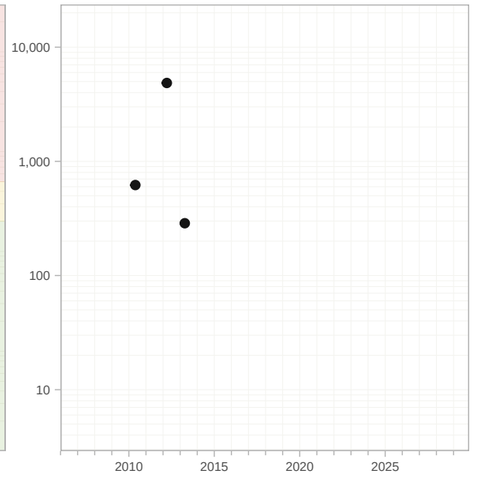
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



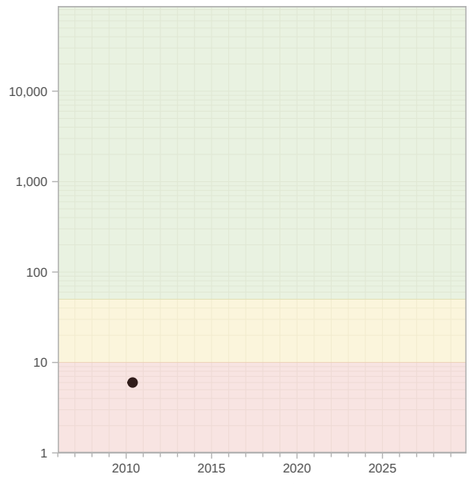
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



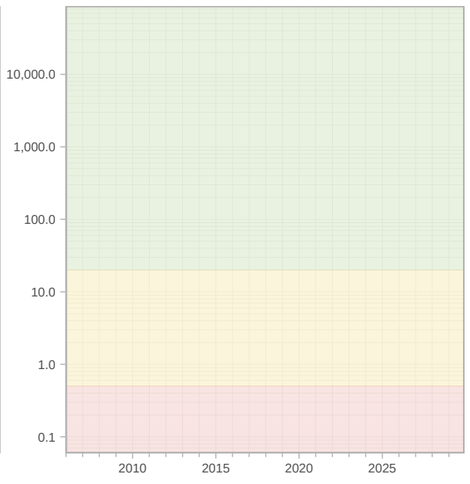
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Sulfide (ug/L)



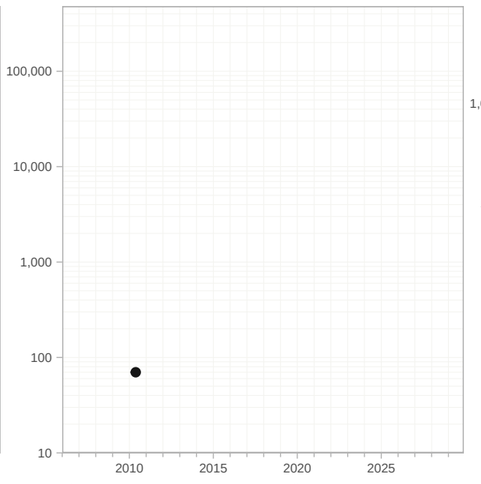
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane



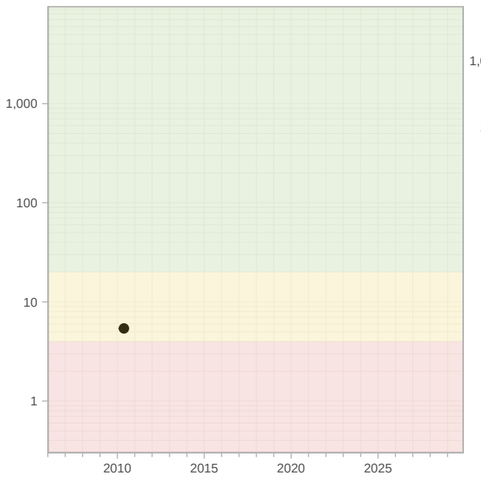
No Data

Iron − Ferrous (ug/L)



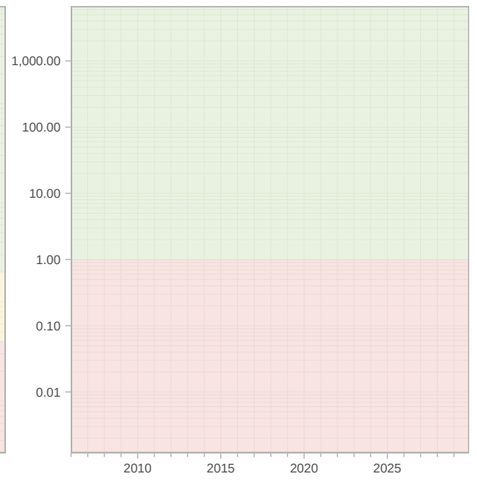
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

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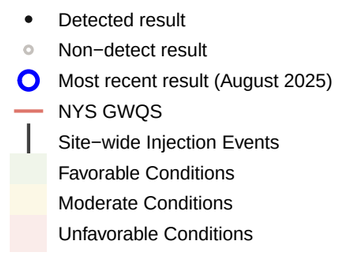
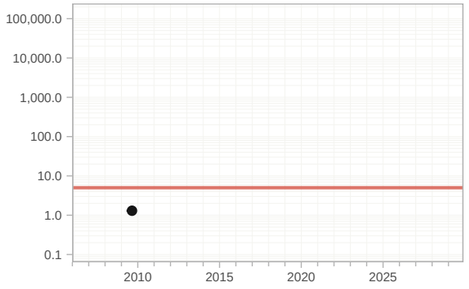


117 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

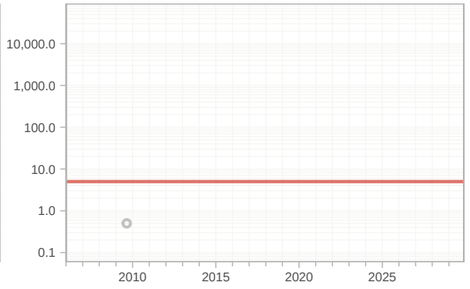
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

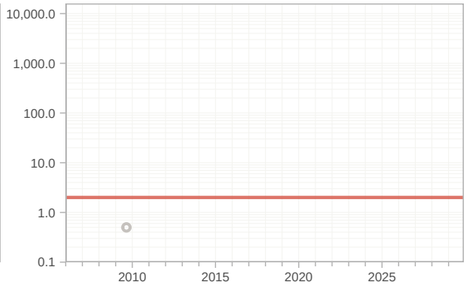
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

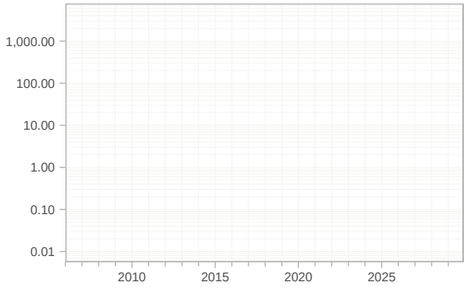
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



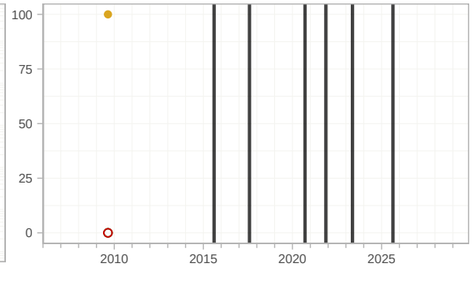
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethane + Ethene



No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

NYS GWQS = 5 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

NYS GWQS = 5 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

NYS GWQS = 5 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

NYS GWQS = 5 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

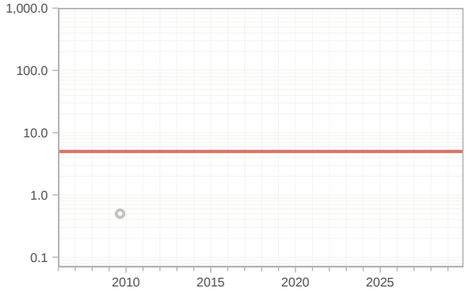
Chloroform (Trichloromethane) (ug/L)

NYS GWQS = 7 ug/L

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

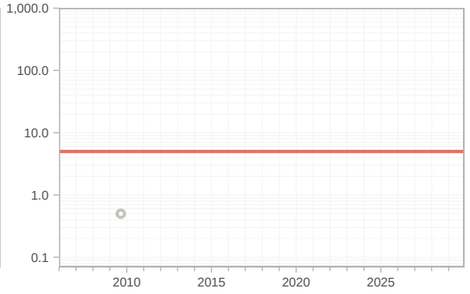
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

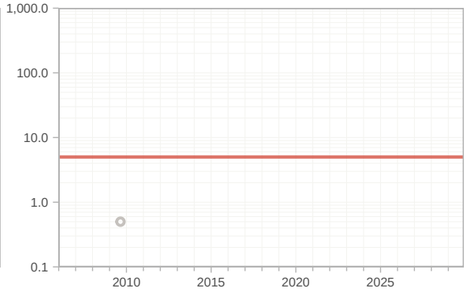
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

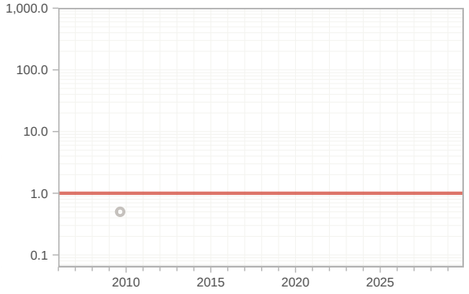
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

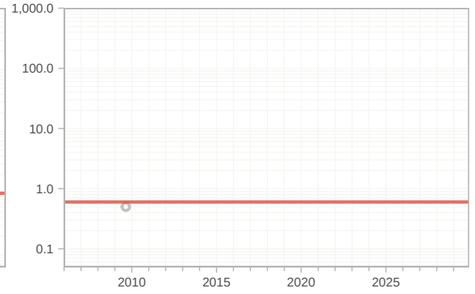
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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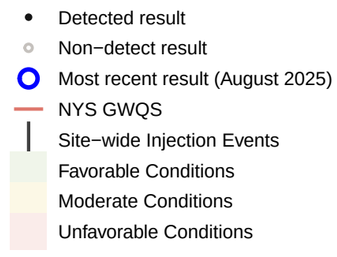
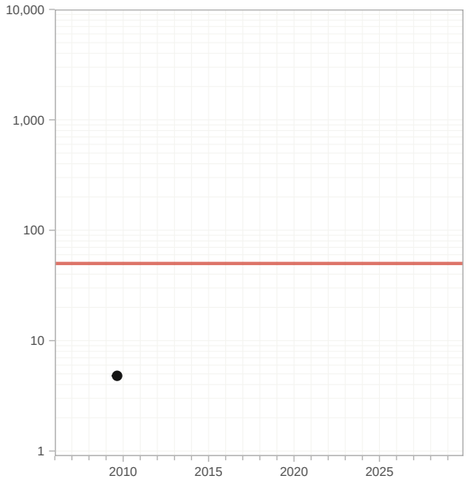


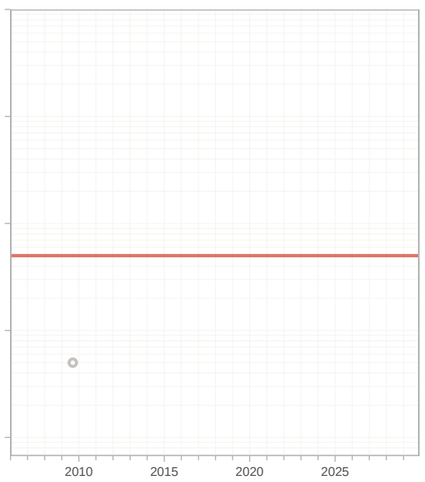
117 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



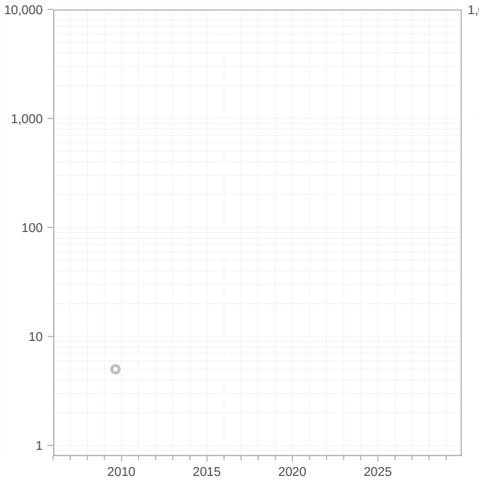
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



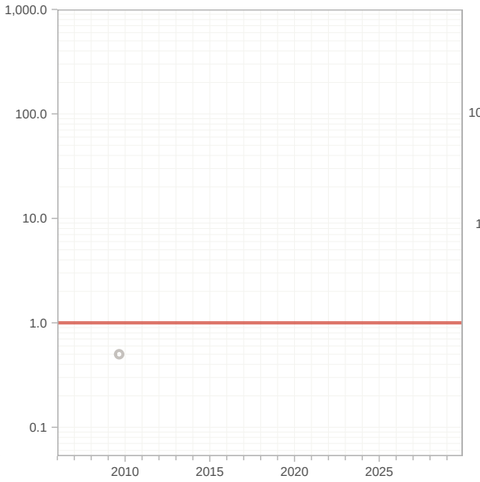
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



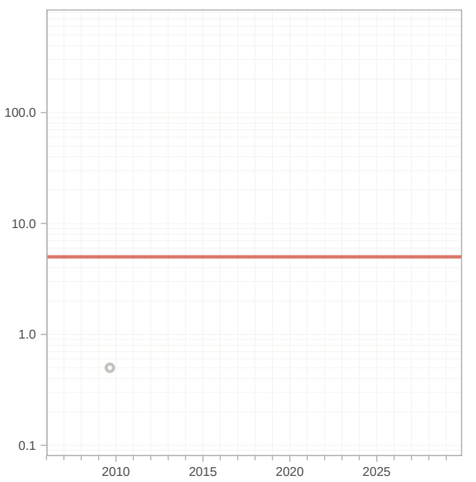
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)



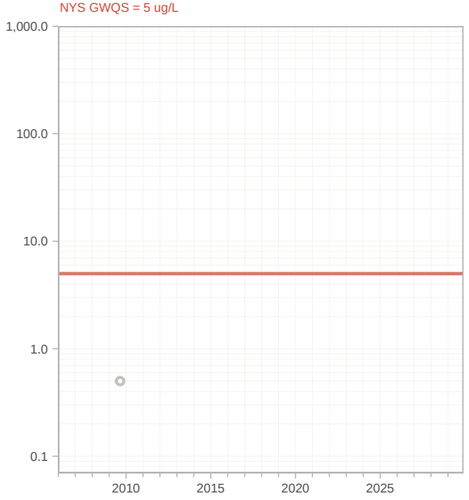
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Toluene (ug/L)



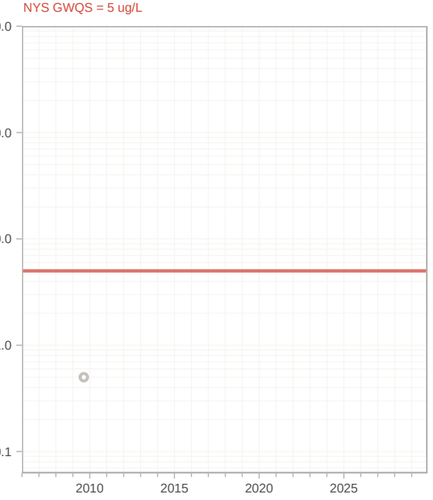
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethylbenzene (ug/L)



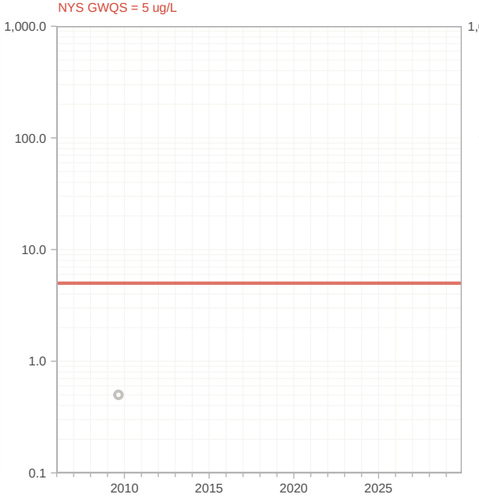
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



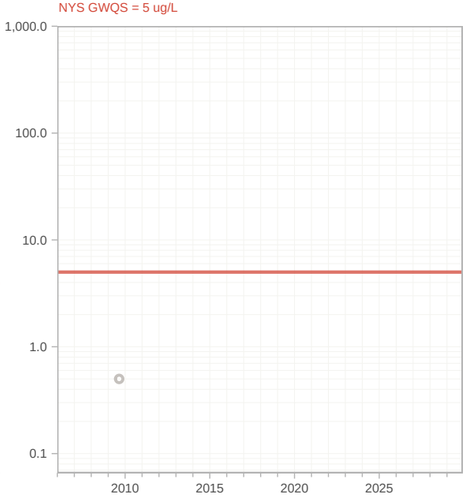
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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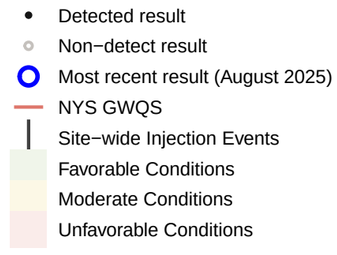
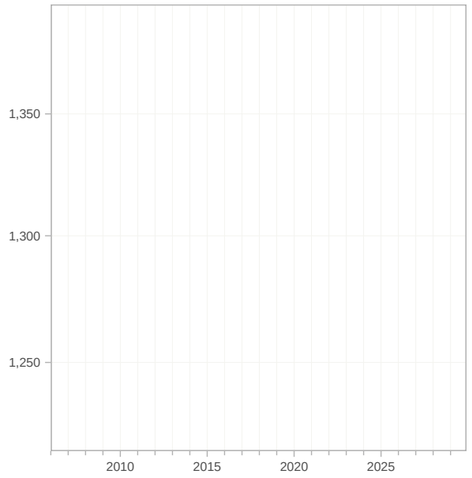


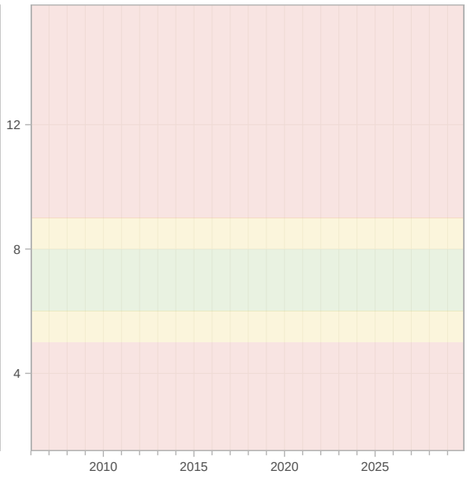
117 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



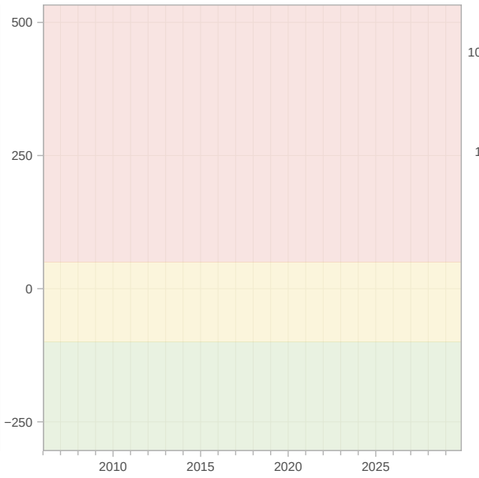
No Data

pH



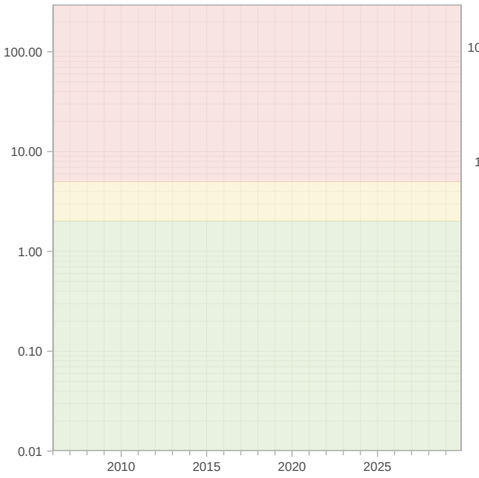
No Data

Oxidation/Reduction Potential



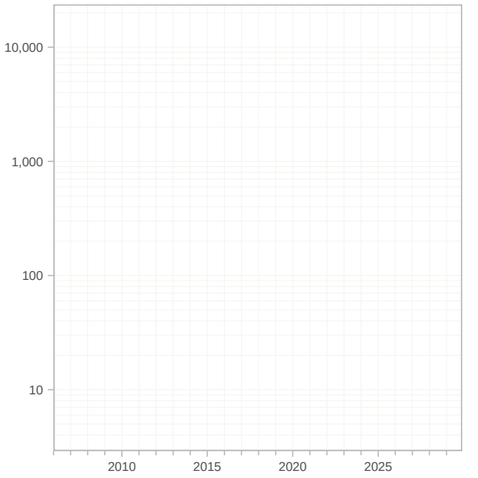
No Data

Dissolved Oxygen



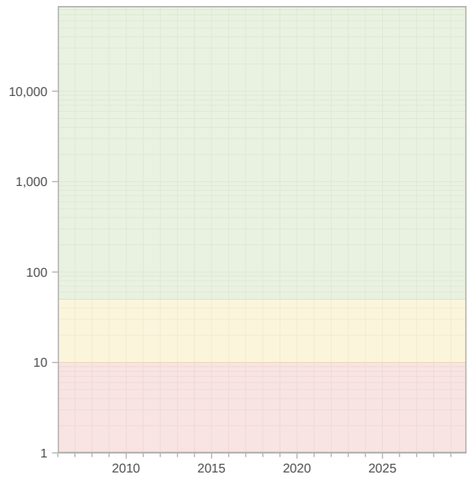
No Data

Specific Conductance



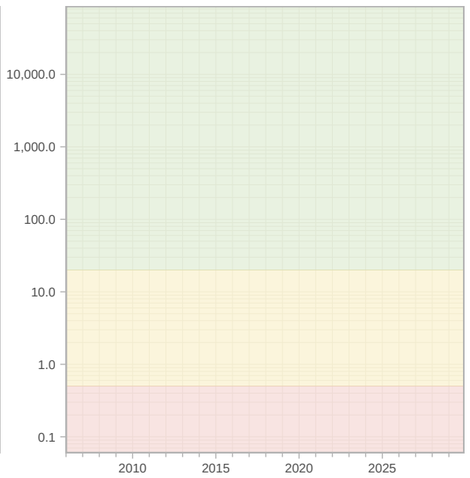
No Data

Sulfide



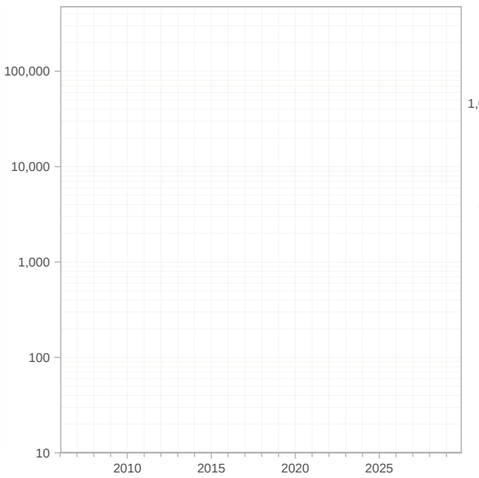
No Data

Methane



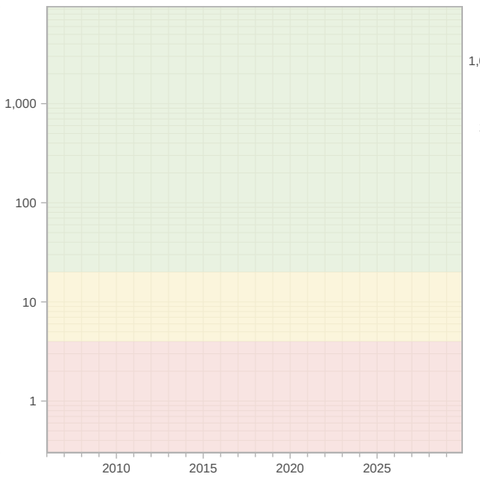
No Data

Iron − Ferrous



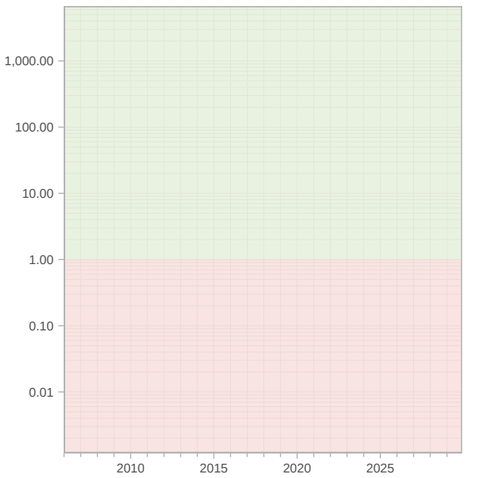
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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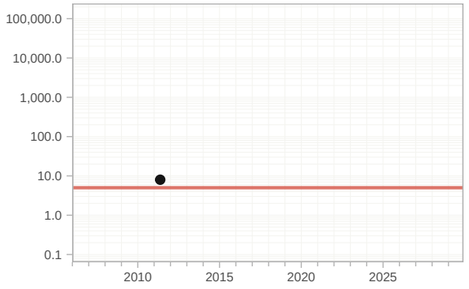
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

220 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

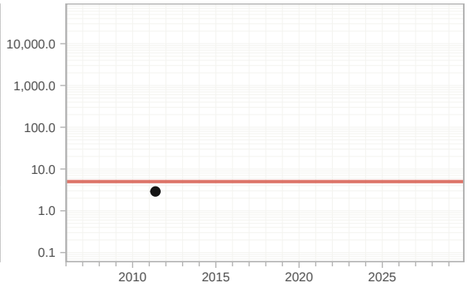
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

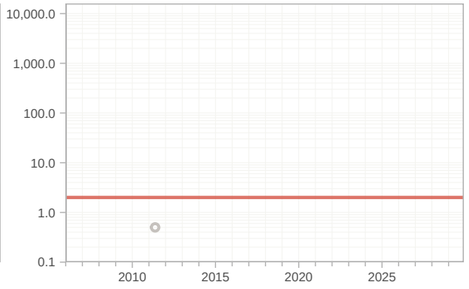
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

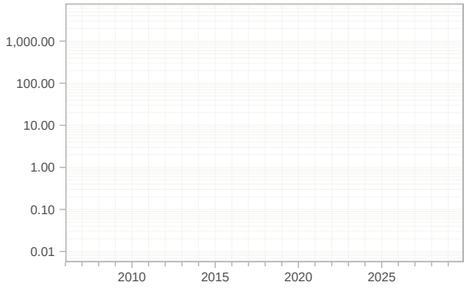
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



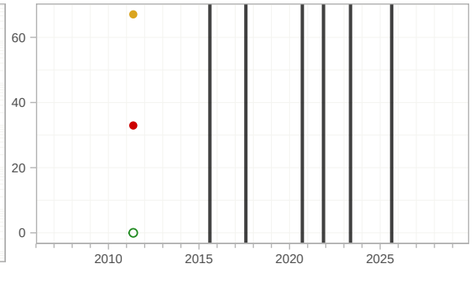
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethane + Ethene



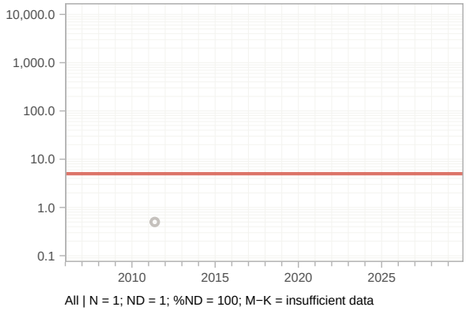
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

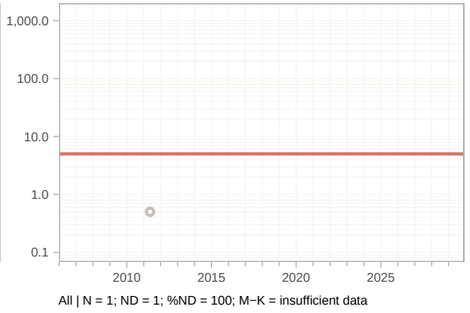
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

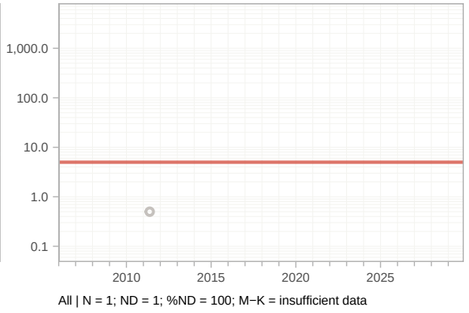
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

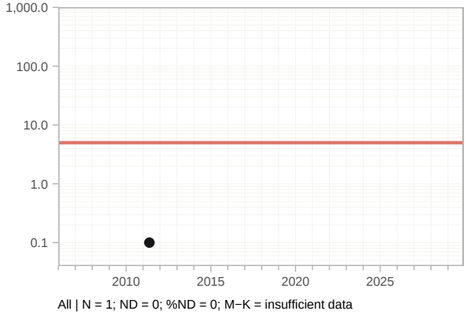
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

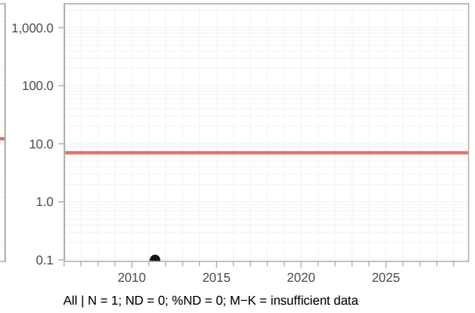
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

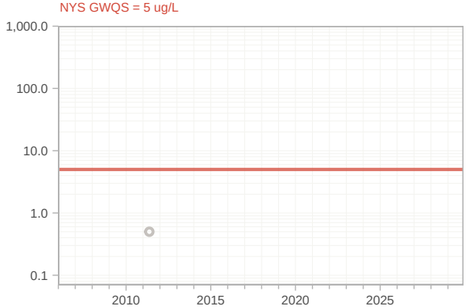
NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

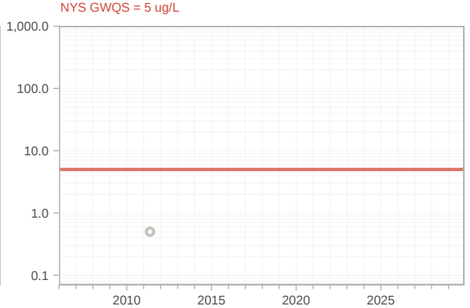
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

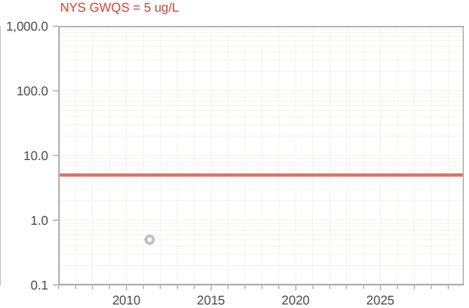
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

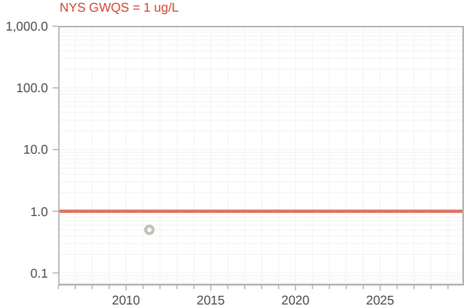
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

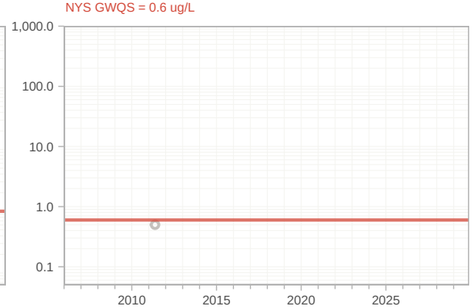
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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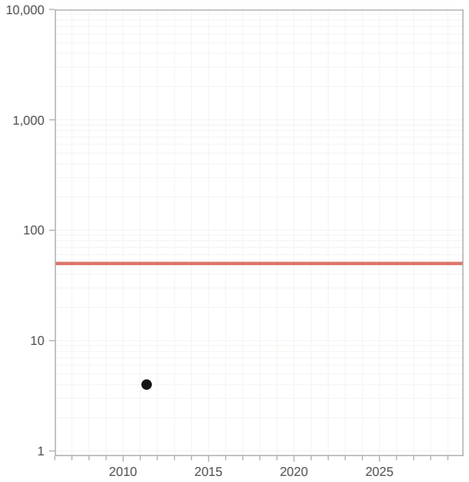
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

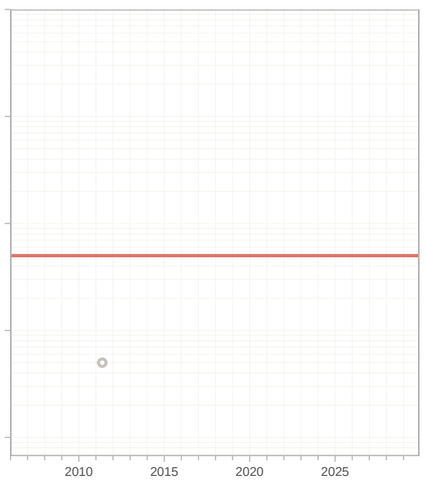
220 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



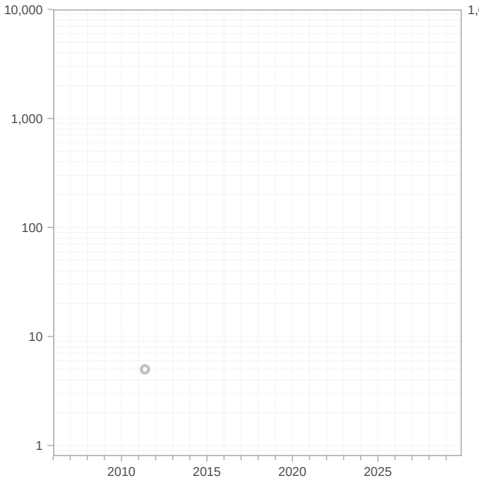
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



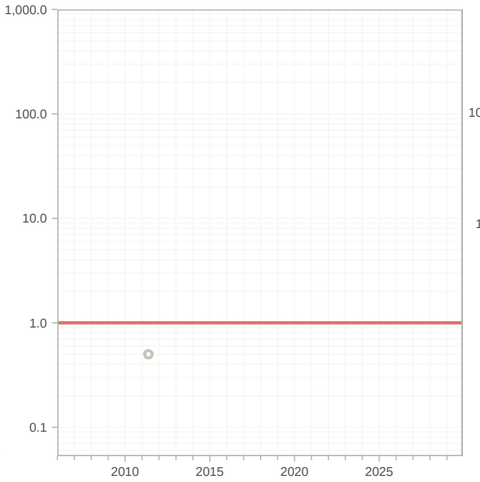
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



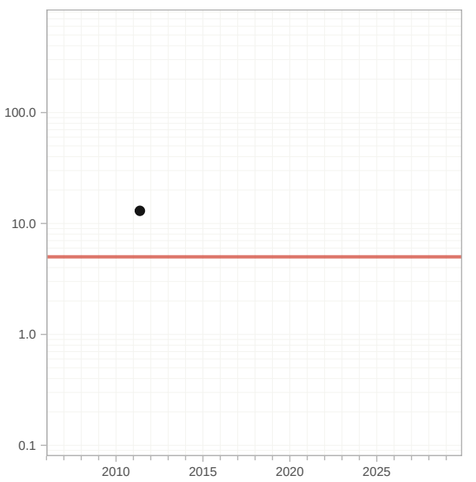
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)



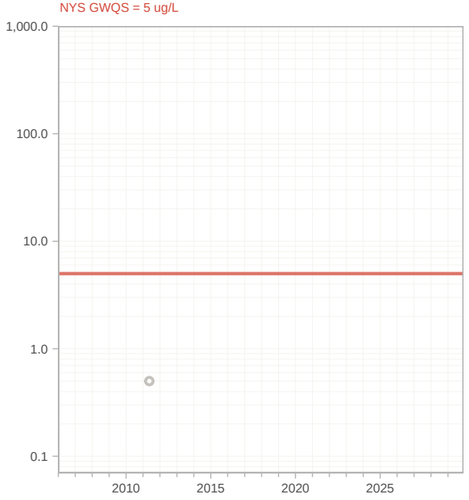
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Toluene (ug/L)



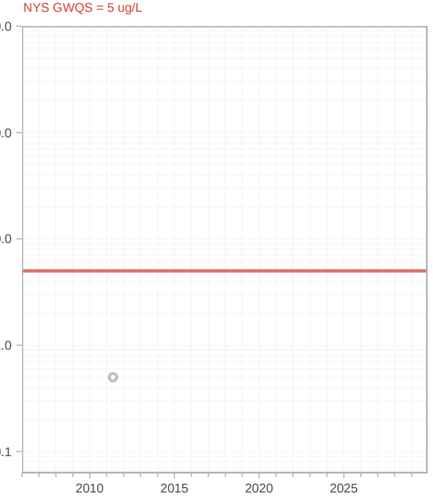
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Ethylbenzene (ug/L)



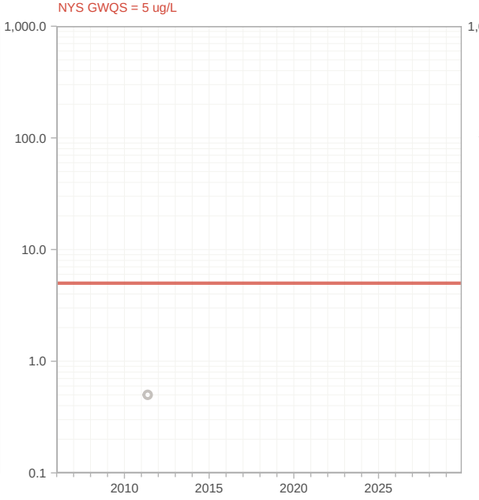
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



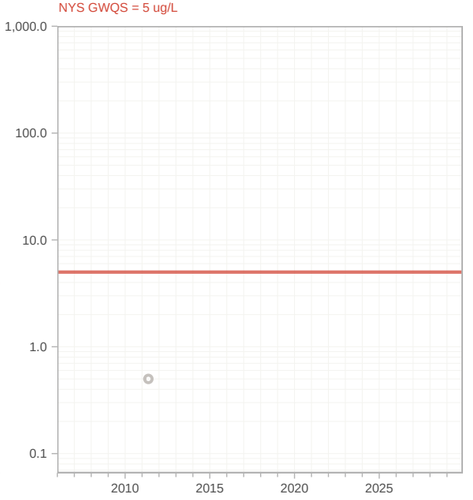
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (o−) (ug/L)



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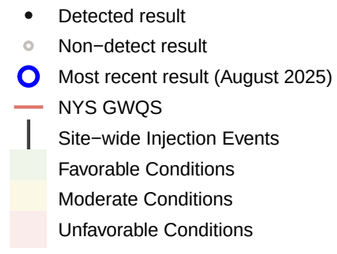
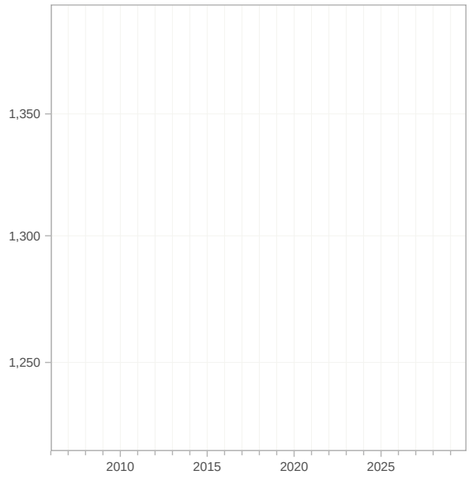


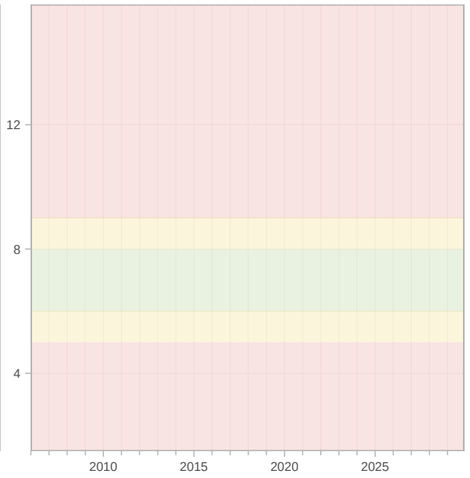
220 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



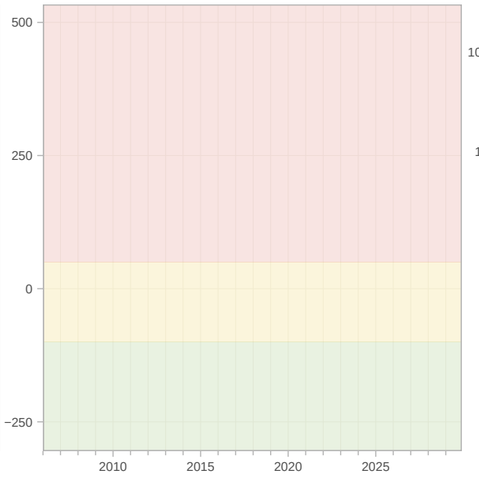
No Data

pH



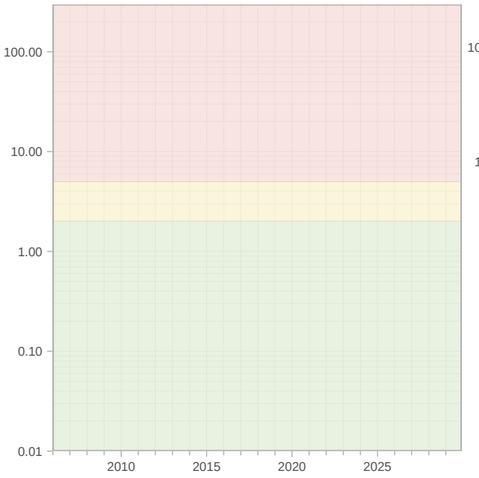
No Data

Oxidation/Reduction Potential



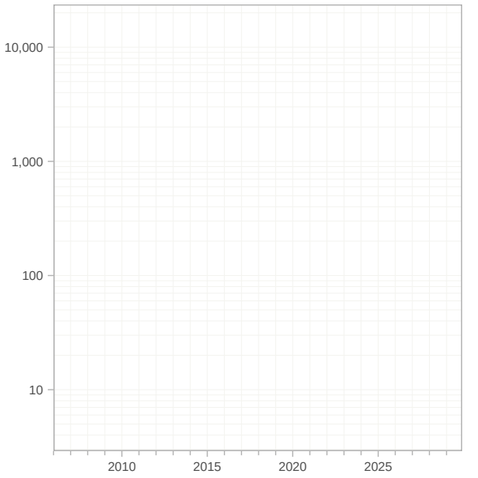
No Data

Dissolved Oxygen



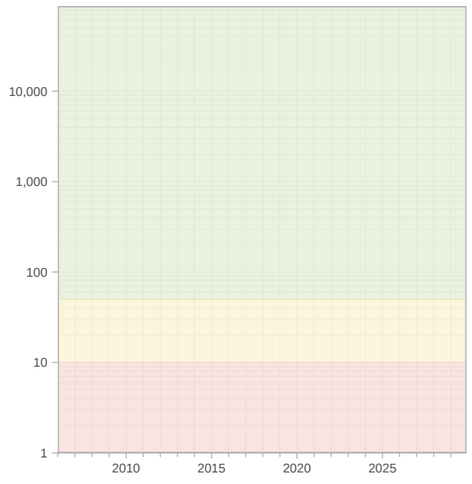
No Data

Specific Conductance



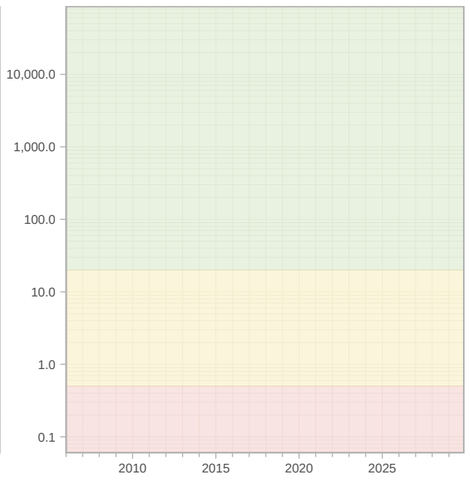
No Data

Sulfide



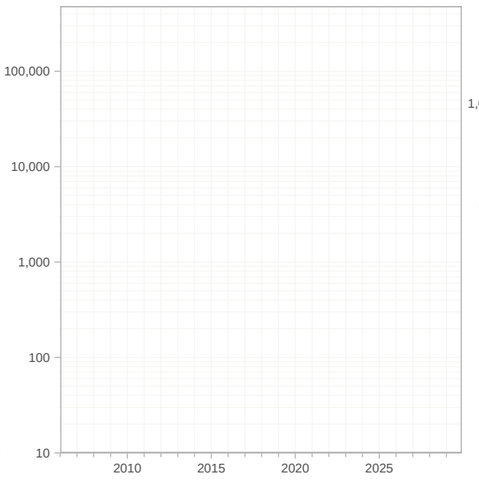
No Data

Methane



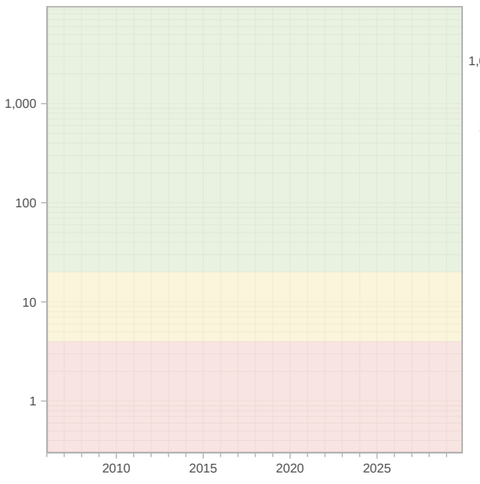
No Data

Iron − Ferrous



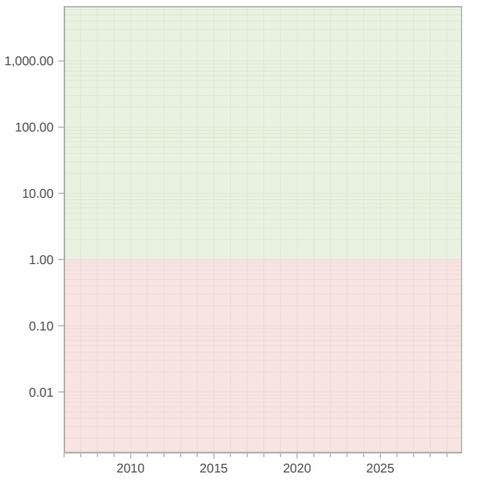
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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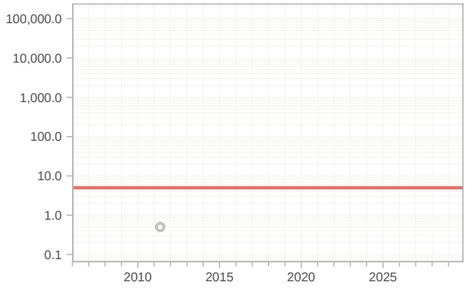
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

221 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

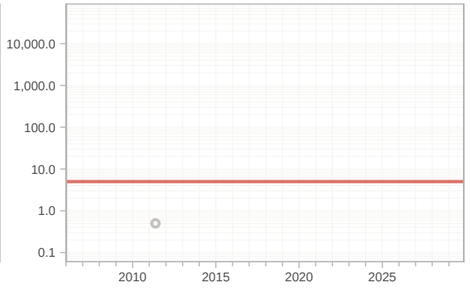
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

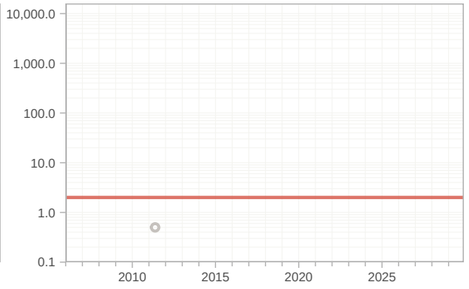
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

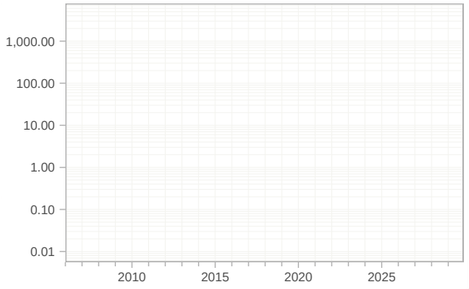
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



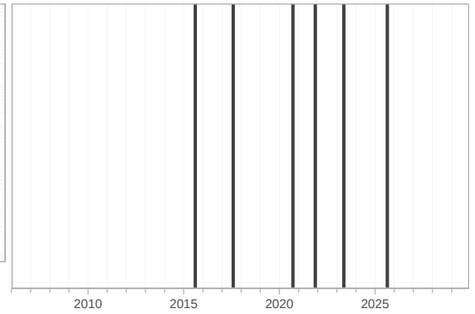
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethane + Ethene



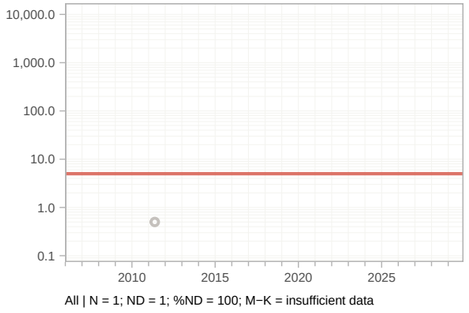
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

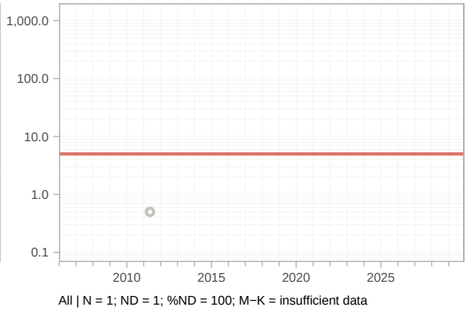
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

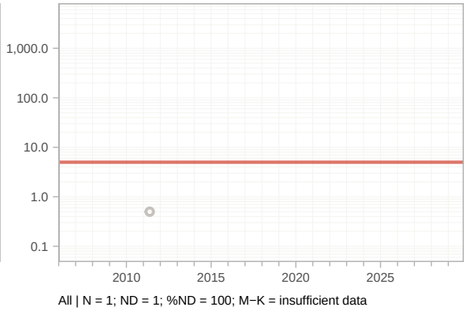
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

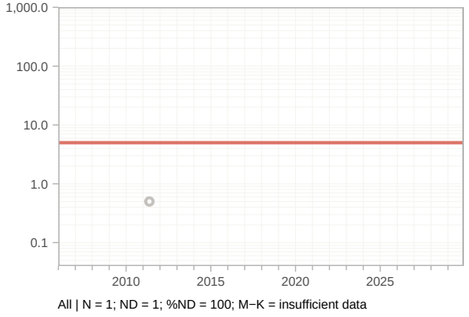
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

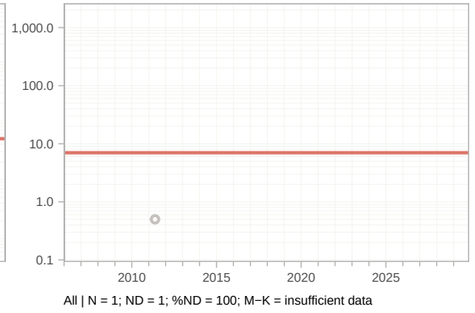
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

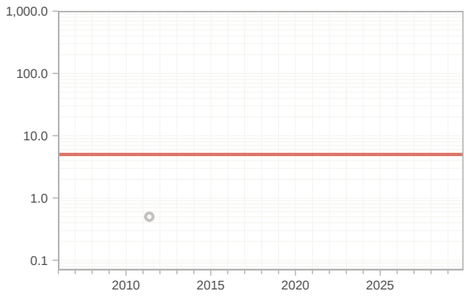
NYS GWQS = 7 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

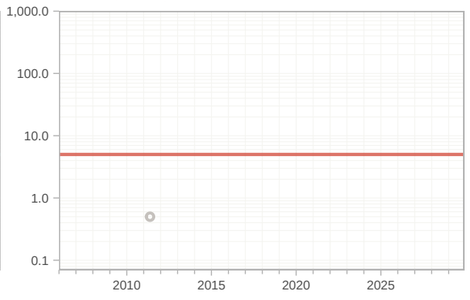
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

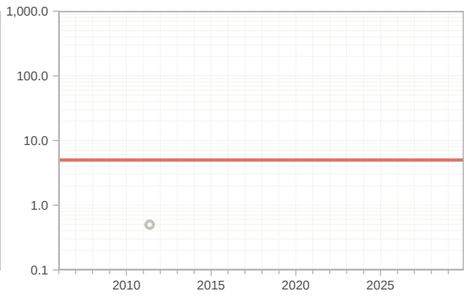
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

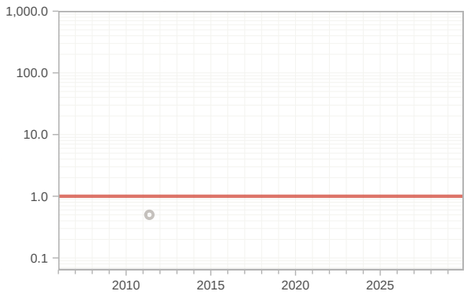
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

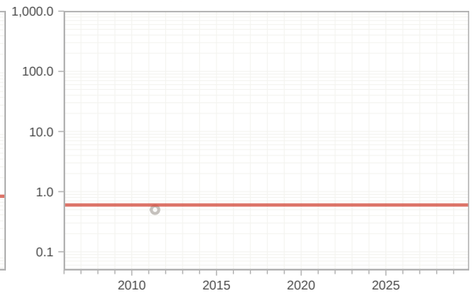
NYS GWQS = 1 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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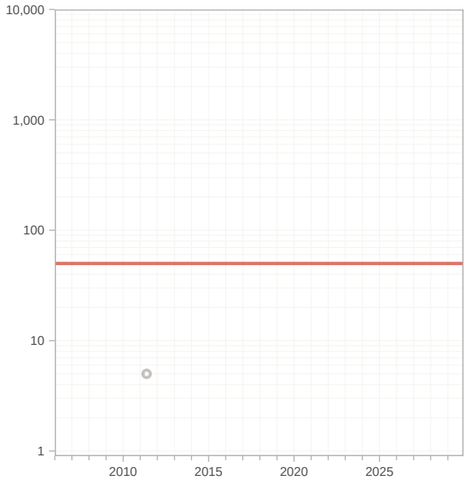
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

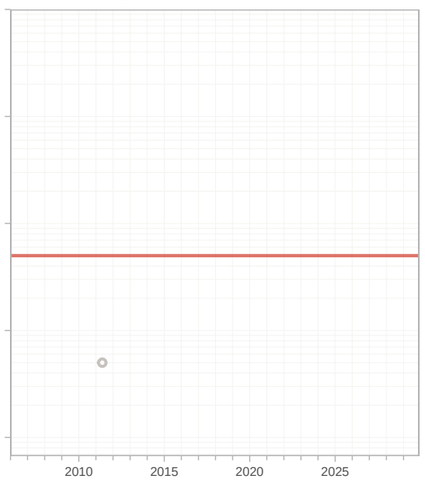
221 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



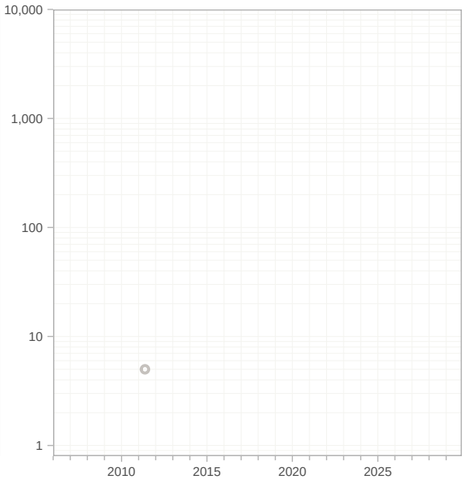
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



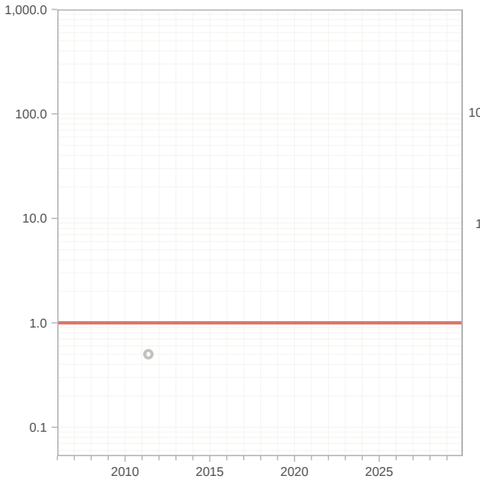
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



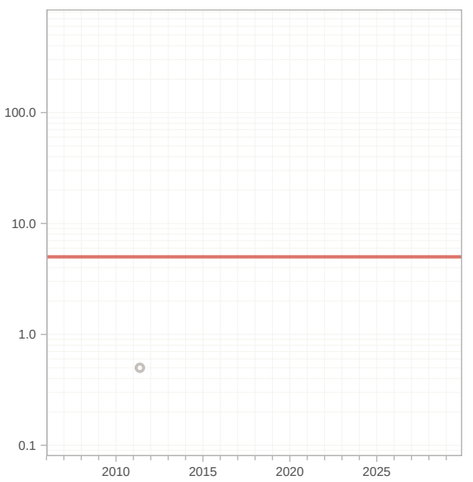
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Benzene (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Toluene (ug/L)



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethylbenzene (ug/L)

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Xylene (o−) (ug/L)

All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

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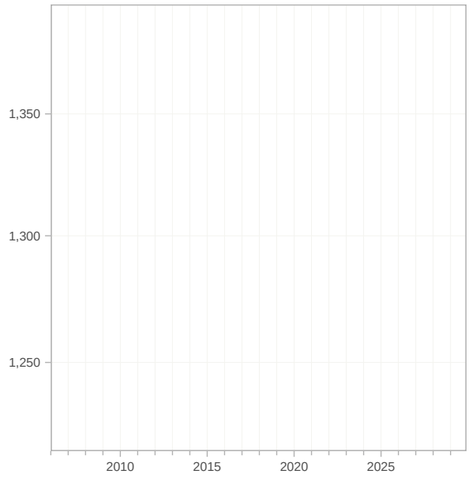
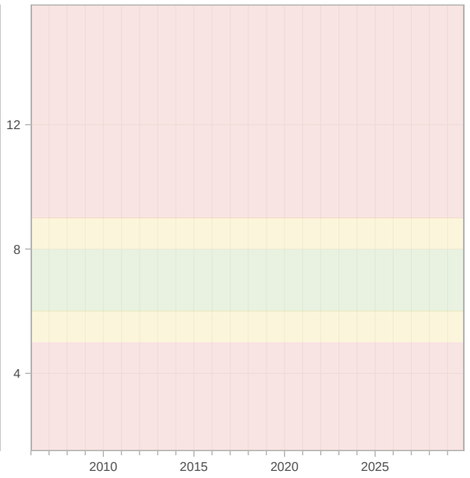
221 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



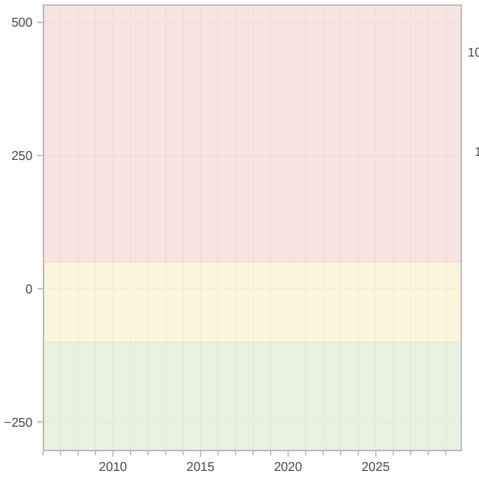
No Data

pH



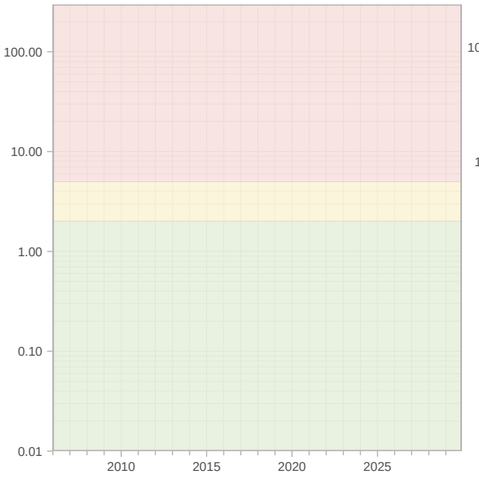
No Data

Oxidation/Reduction Potential



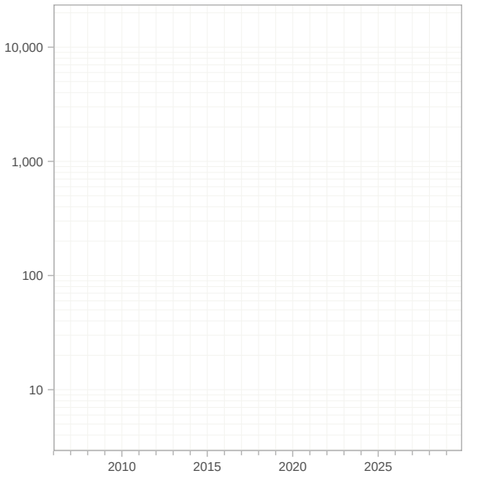
No Data

Dissolved Oxygen



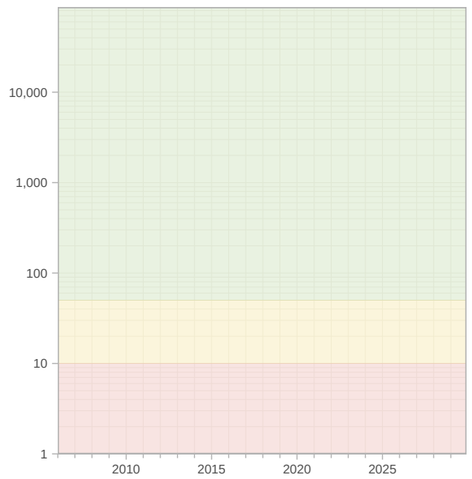
No Data

Specific Conductance



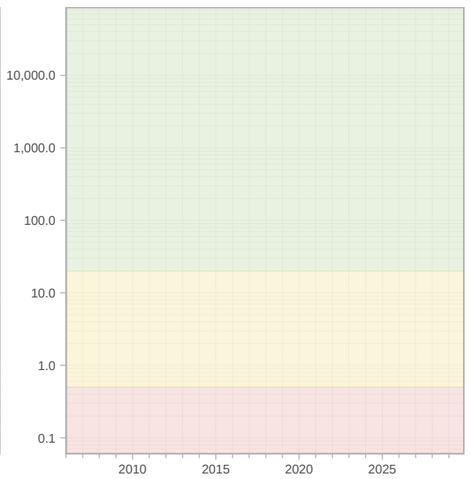
No Data

Sulfide



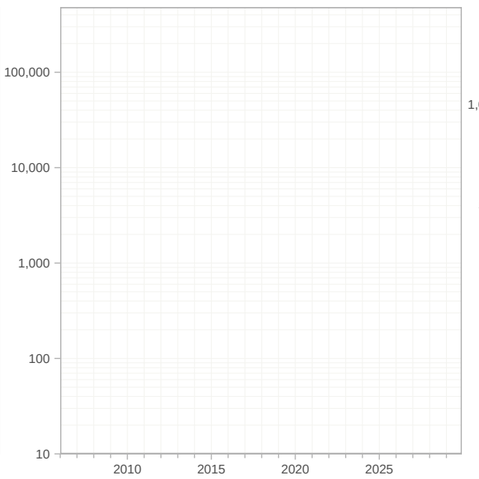
No Data

Methane



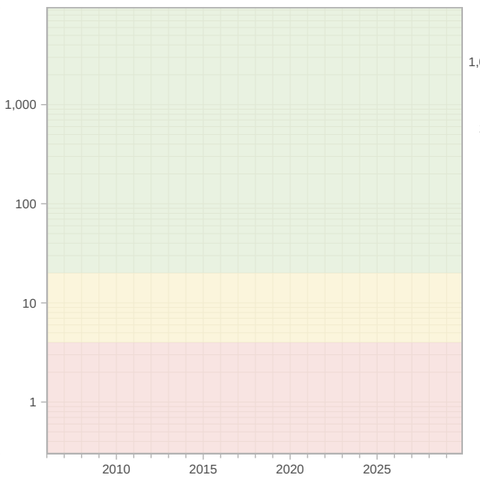
No Data

Iron − Ferrous



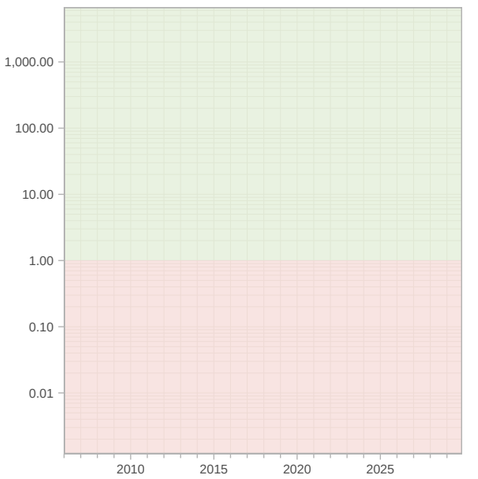
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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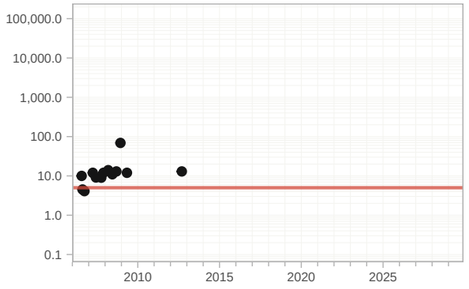
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−1 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

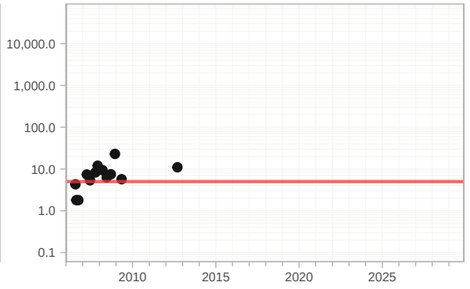
NYS GWQS = 5 ug/L



All | N = 13; ND = 0; %ND = 0; M−K = increasing

Dichloroethene (cis−1,2−) (ug/L)

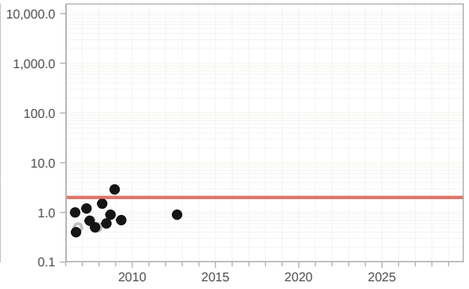
NYS GWQS = 5 ug/L



All | N = 13; ND = 0; %ND = 0; M−K = increasing

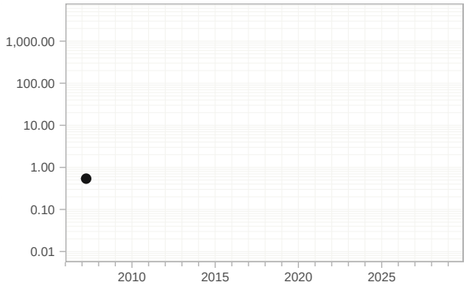
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



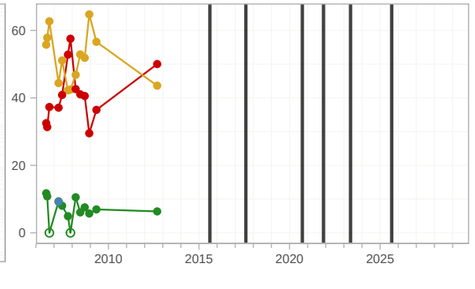
All | N = 13; ND = 2; %ND = 15.4; M−K = stable

Ethane + Ethene (ug/L)



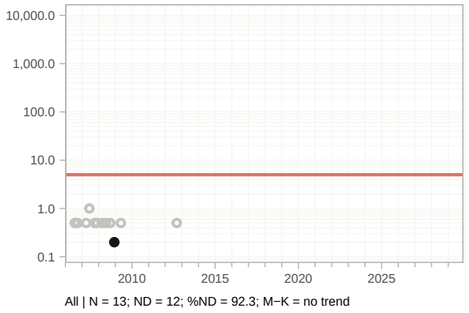
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

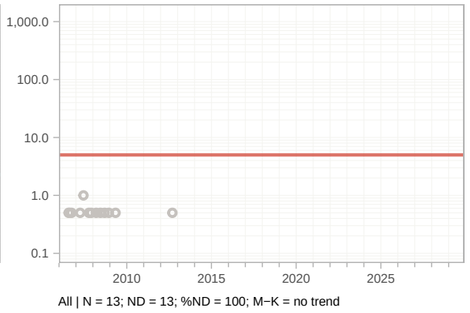
NYS GWQS = 5 ug/L



All | N = 13; ND = 12; %ND = 92.3; M−K = no trend

Dichloroethene (1,1−) (ug/L)

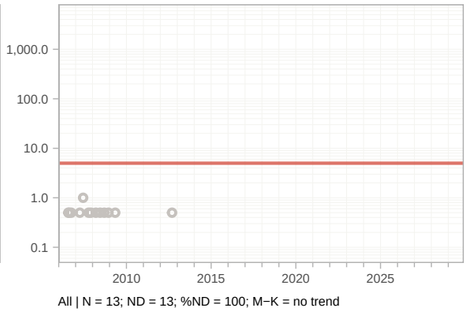
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

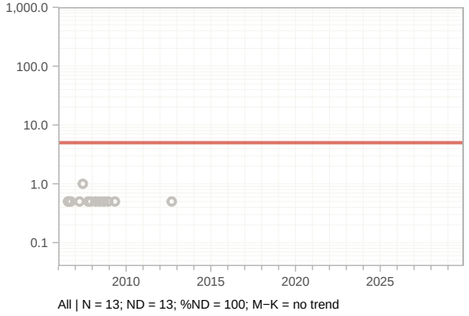
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

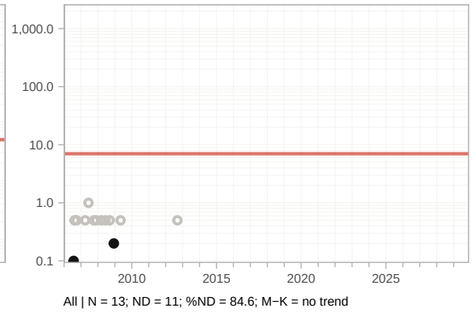
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

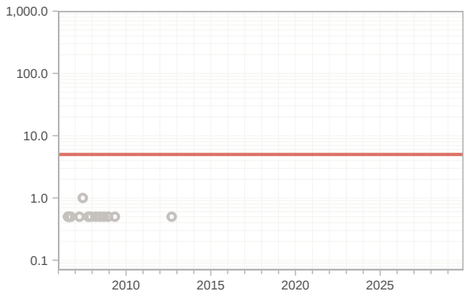
NYS GWQS = 7 ug/L



All | N = 13; ND = 11; %ND = 84.6; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

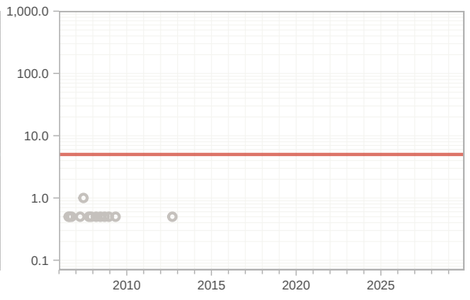
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Chloromethane (ug/L)

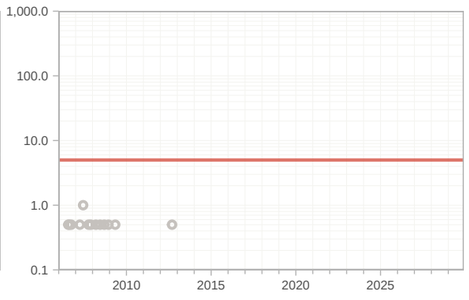
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

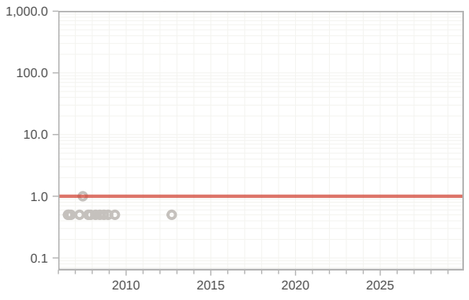
NYS GWQS = 5 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

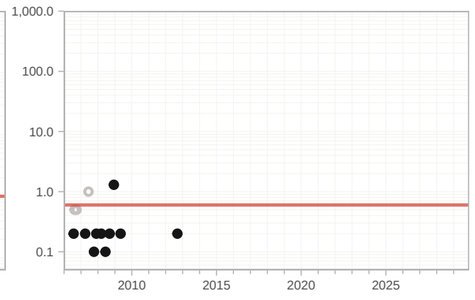
NYS GWQS = 1 ug/L



All | N = 13; ND = 13; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 13; ND = 3; %ND = 23.1; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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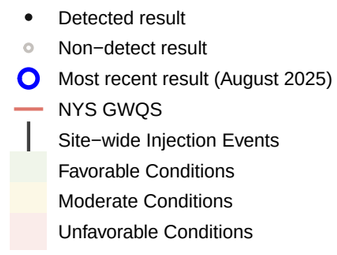
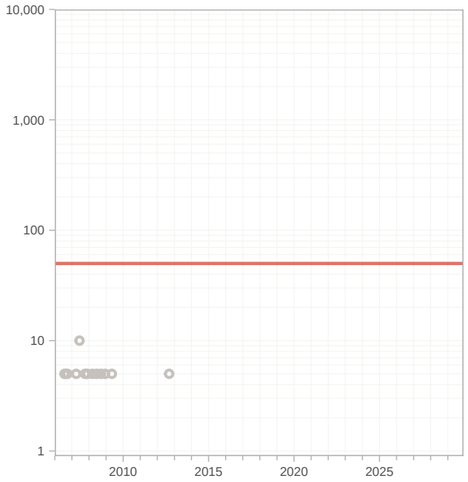
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



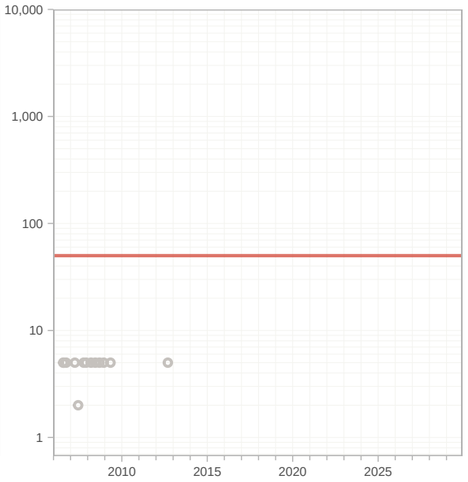
BP−1 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



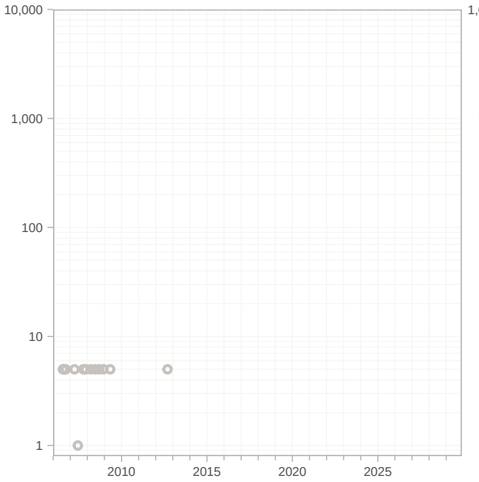
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Butanone (2−) (MEK) (ug/L)



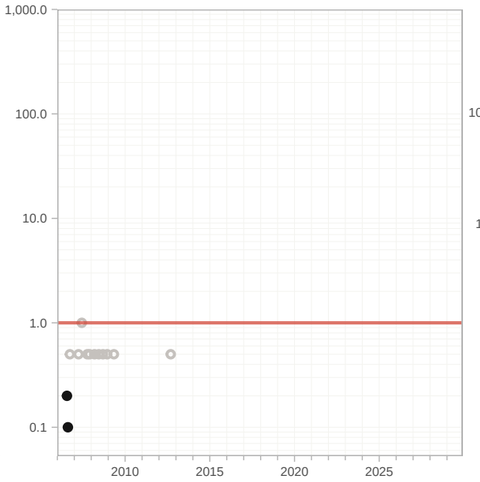
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



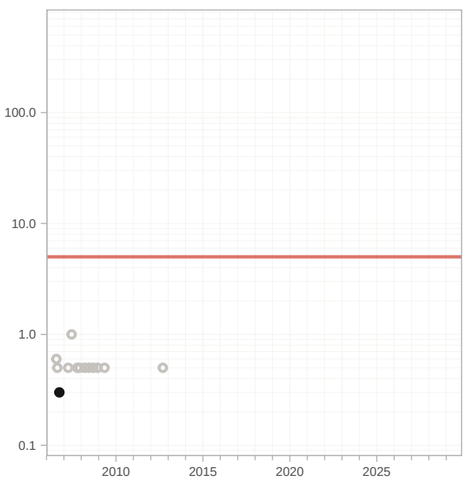
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Benzene (ug/L)



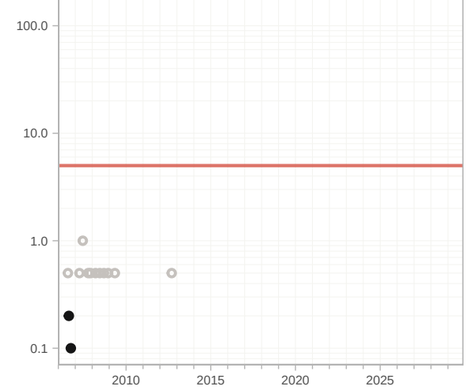
All | N = 13; ND = 11; %ND = 84.6; M−K = no trend

Toluene (ug/L)



All | N = 13; ND = 12; %ND = 92.3; M−K = no trend

Ethylbenzene (ug/L)

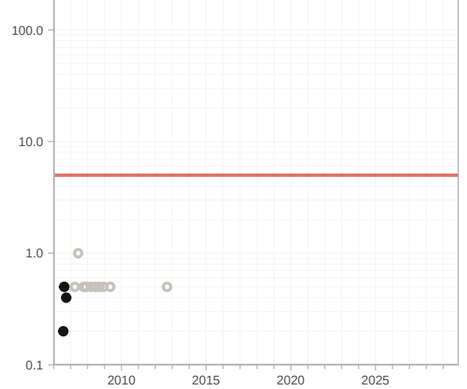


All | N = 13; ND = 11; %ND = 84.6; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

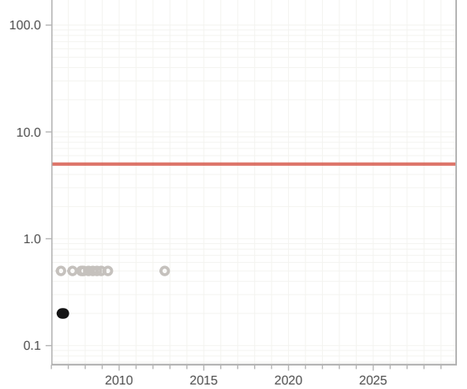
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 13; ND = 10; %ND = 76.9; M−K = no trend

Xylene (o−) (ug/L)



All | N = 12; ND = 10; %ND = 83.3; M−K = no trend

Notes:
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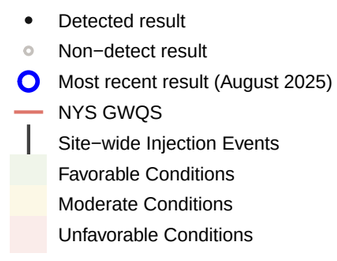
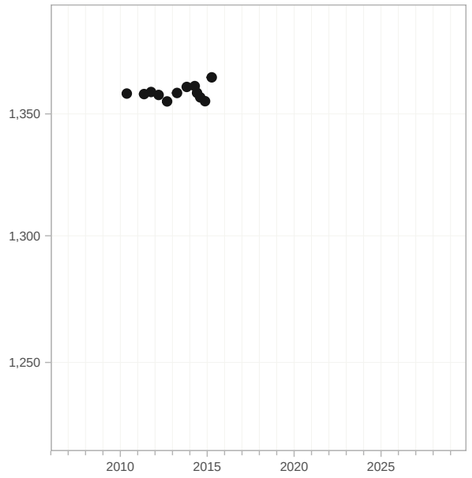


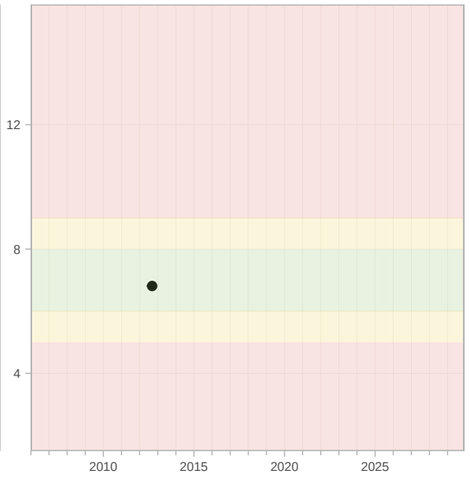
BP−1 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



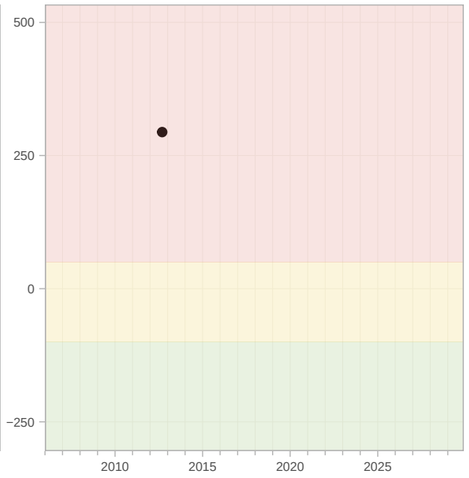
All | N = 12; ND = 0; %ND = 0; M−K = stable

pH (SU)



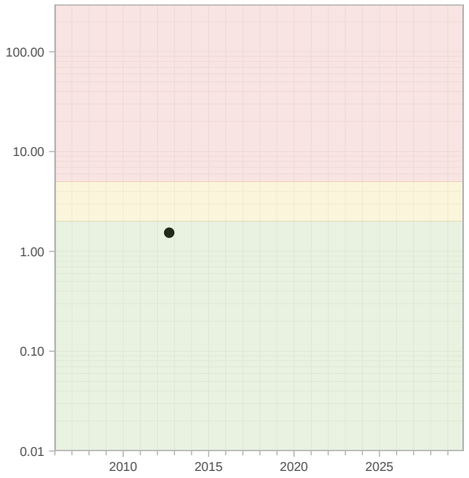
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



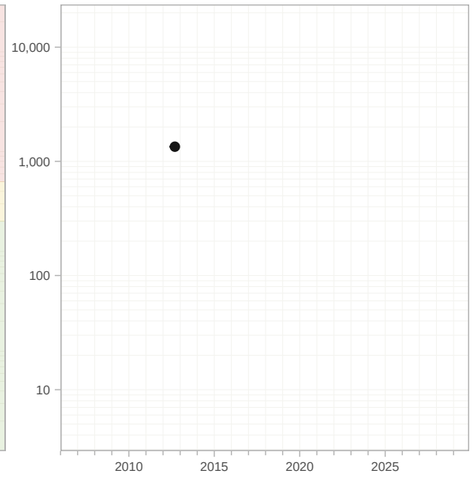
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



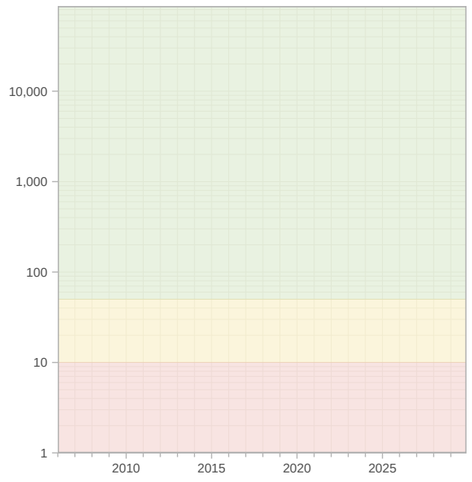
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



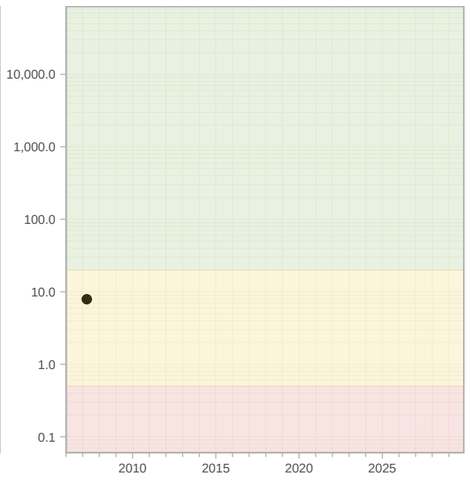
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



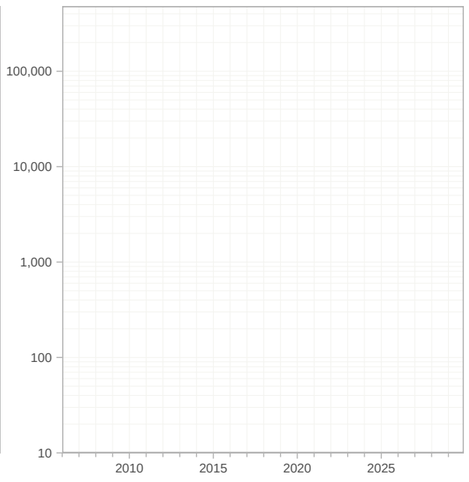
No Data

Methane (ug/L)



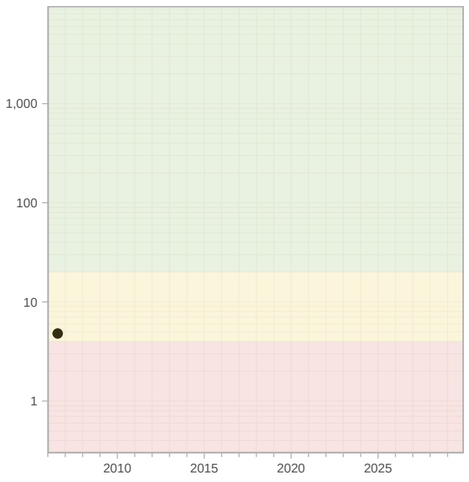
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



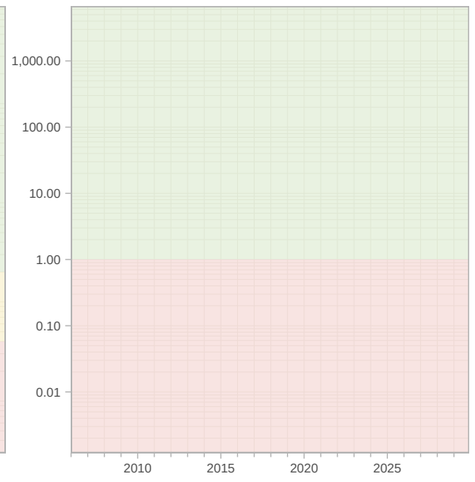
No Data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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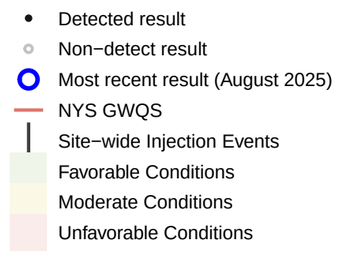
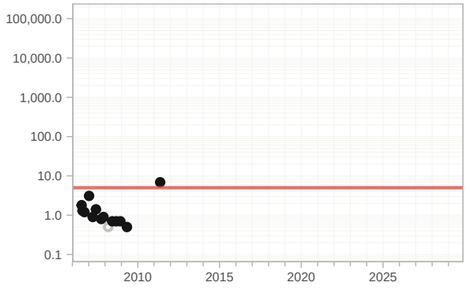
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−2 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

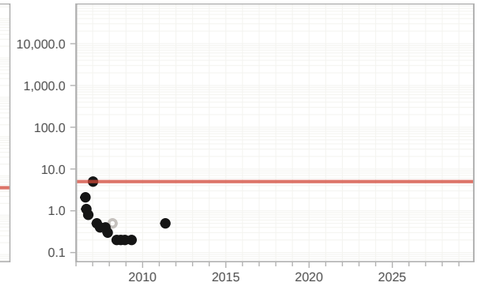
NYS GWQS = 5 ug/L



All | N = 14; ND = 1; %ND = 7.1; M−K = decreasing

Dichloroethene (cis−1,2−) (ug/L)

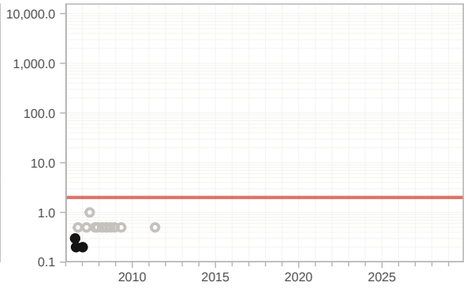
NYS GWQS = 5 ug/L



All | N = 14; ND = 1; %ND = 7.1; M−K = strong decreasing

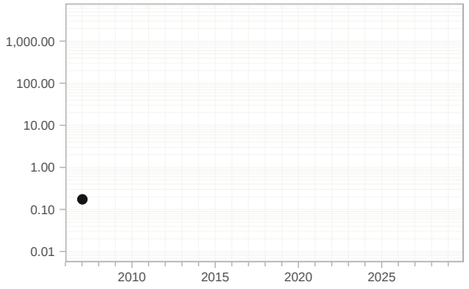
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



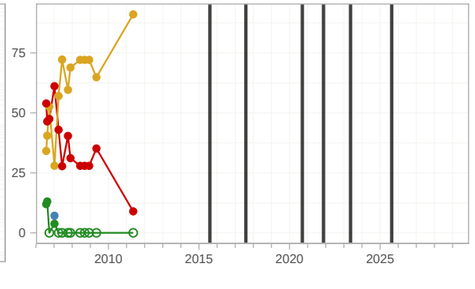
All | N = 14; ND = 11; %ND = 78.6; M−K = no trend

Ethane + Ethene (ug/L)



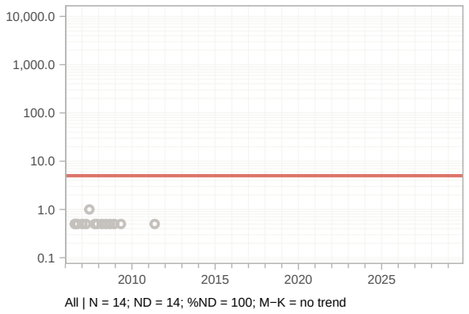
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

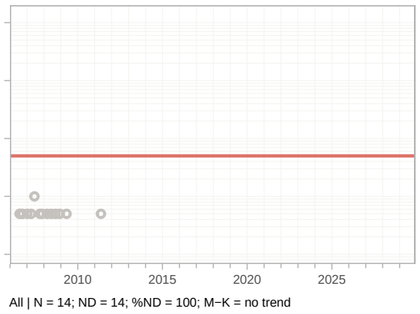
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

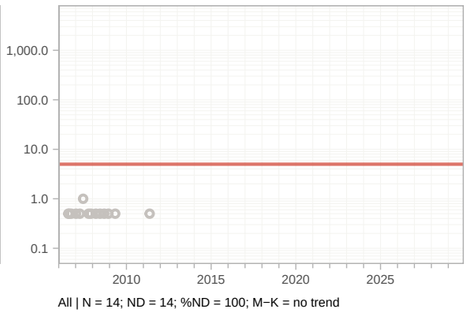
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

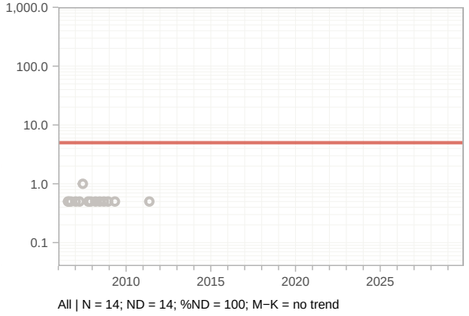
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

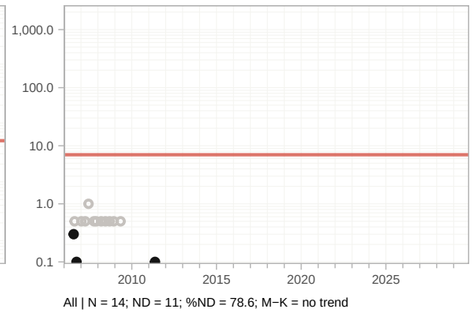
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

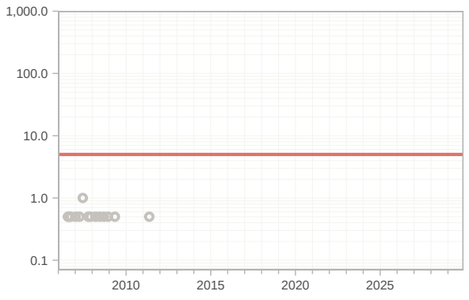
NYS GWQS = 7 ug/L



All | N = 14; ND = 11; %ND = 78.6; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

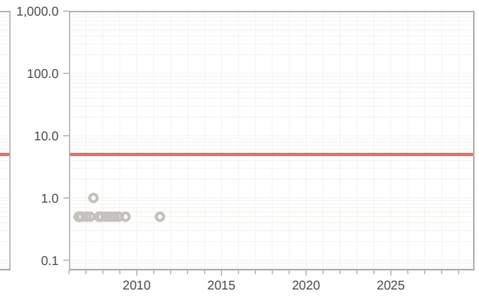
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Chloromethane (ug/L)

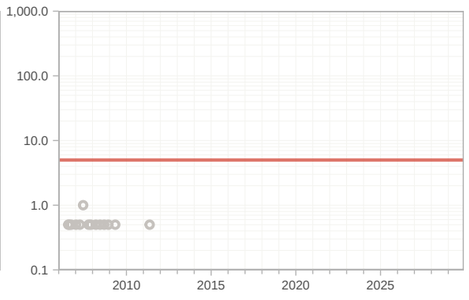
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

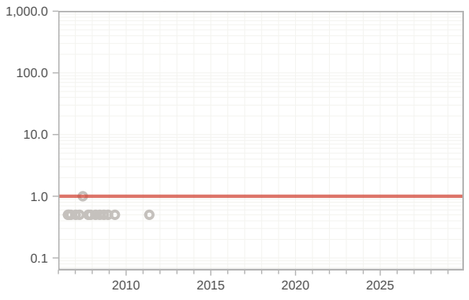
NYS GWQS = 5 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

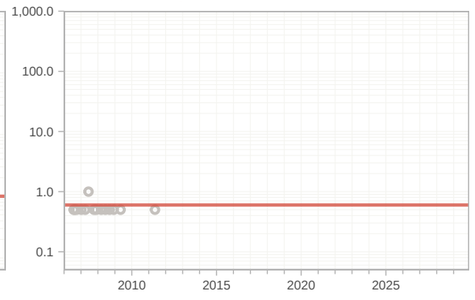
NYS GWQS = 1 ug/L



All | N = 14; ND = 14; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



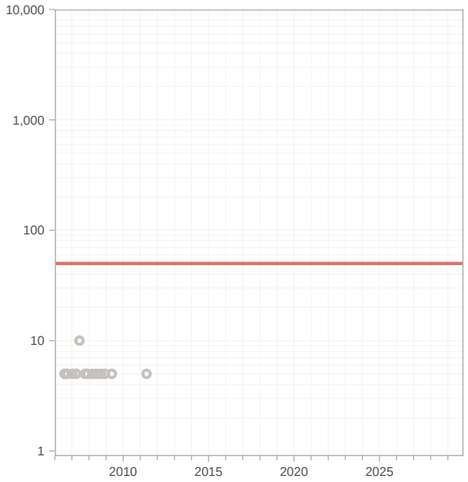
All | N = 14; ND = 14; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

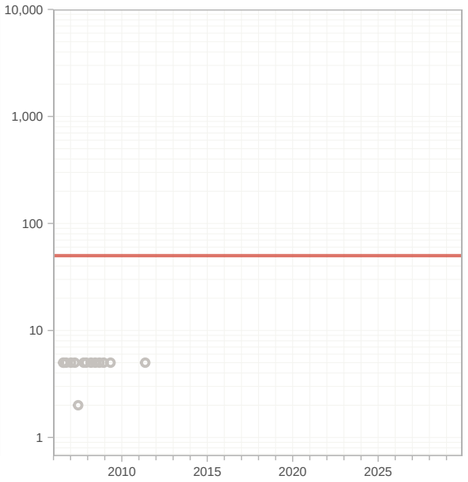
BP−2 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



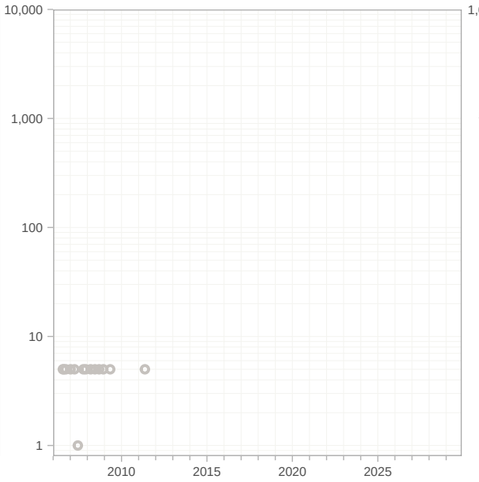
All | N = 14; ND = 14; %ND = 100; M−K = no trend

Butanone (2−) (MEK) (ug/L)



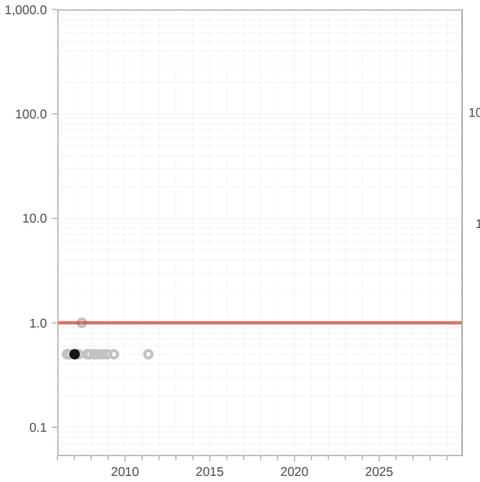
All | N = 14; ND = 14; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



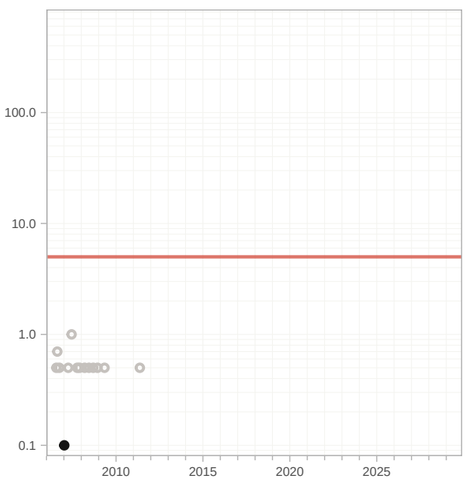
All | N = 14; ND = 14; %ND = 100; M−K = no trend

Benzene (ug/L)



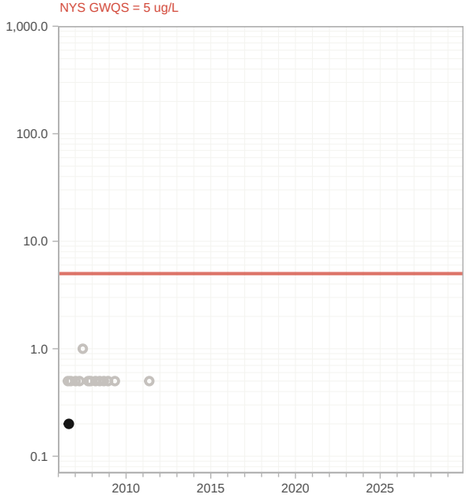
All | N = 14; ND = 13; %ND = 92.9; M−K = no trend

Toluene (ug/L)



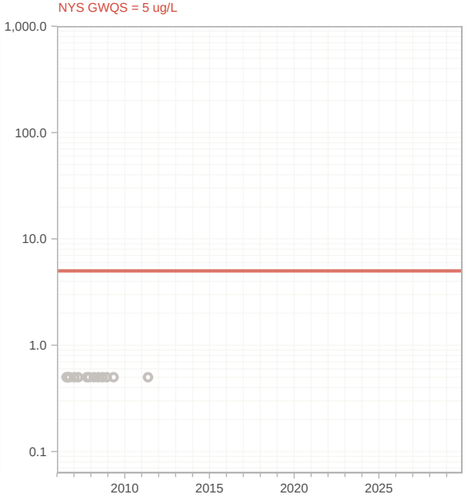
All | N = 14; ND = 13; %ND = 92.9; M−K = no trend

Ethylbenzene (ug/L)



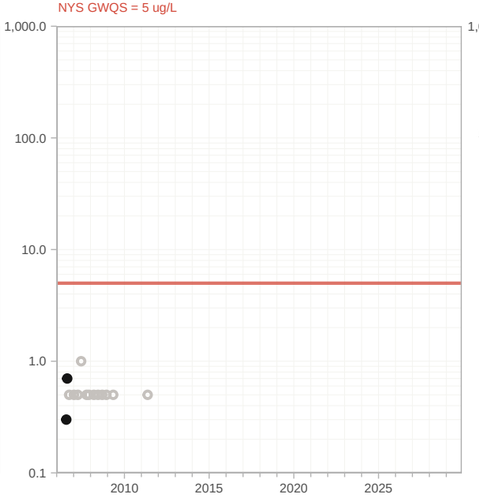
All | N = 14; ND = 13; %ND = 92.9; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



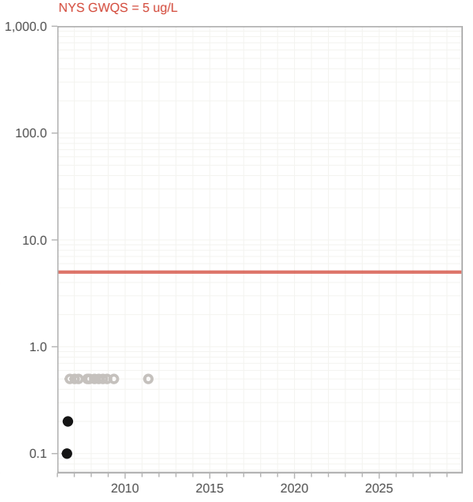
All | N = 13; ND = 13; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 14; ND = 12; %ND = 85.7; M−K = no trend

Xylene (o−) (ug/L)



All | N = 13; ND = 11; %ND = 84.6; M−K = no trend

Notes:
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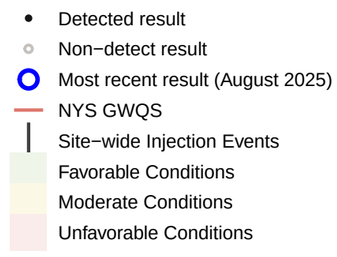
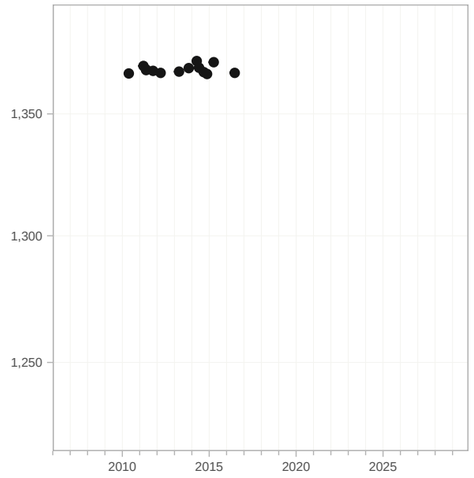


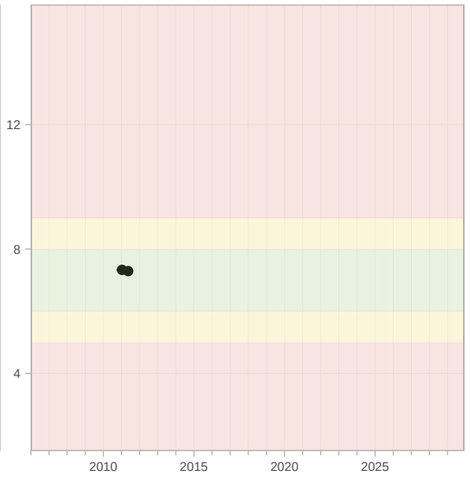
BP−2 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



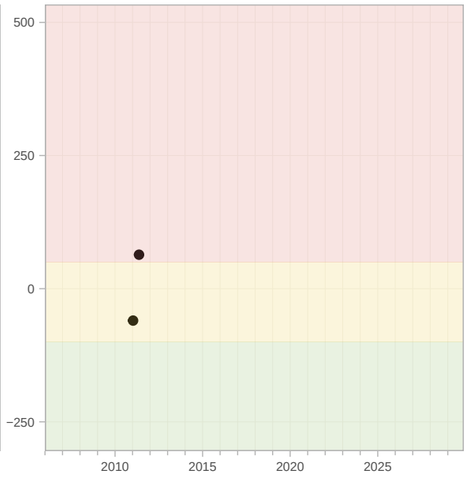
All | N = 14; ND = 0; %ND = 0; M−K = stable

pH (SU)



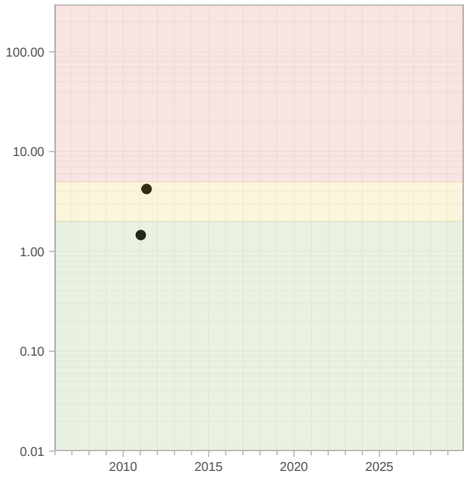
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



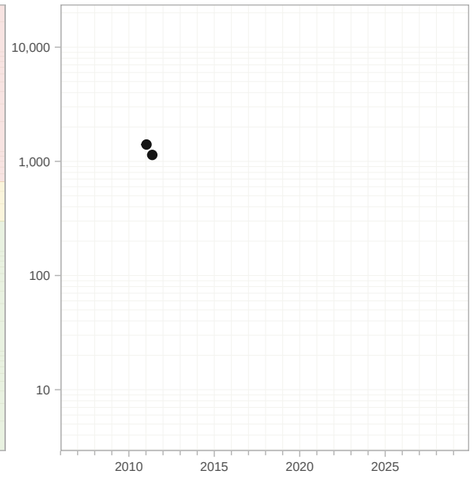
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



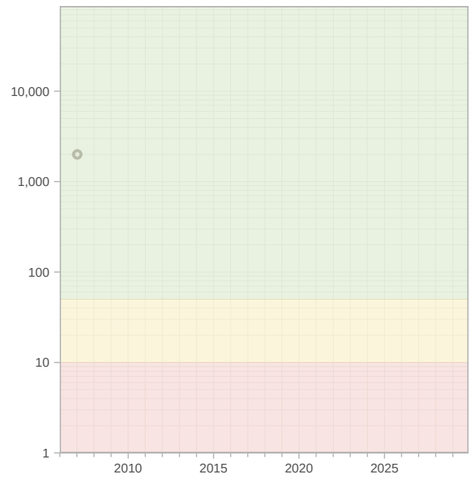
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



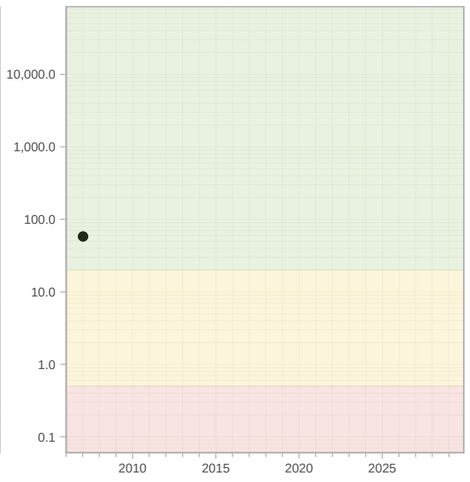
All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Sulfide (ug/L)



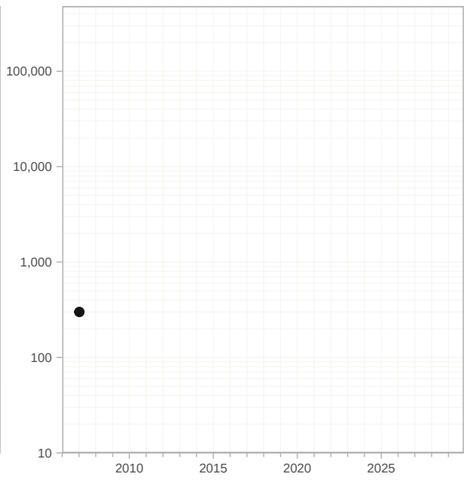
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Methane (ug/L)



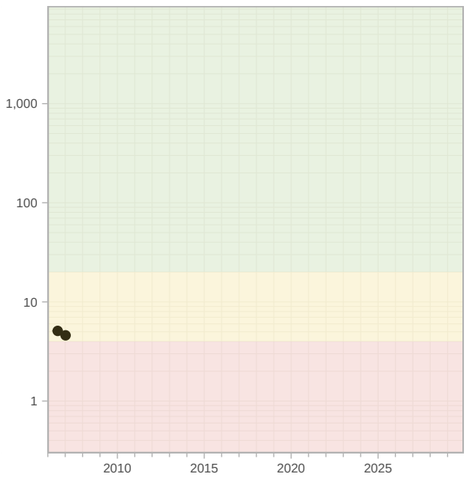
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous (ug/L)



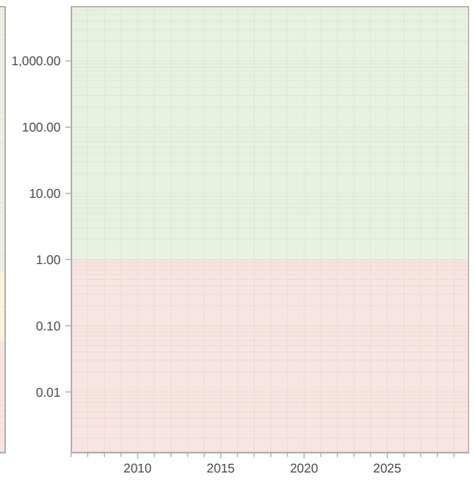
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 2; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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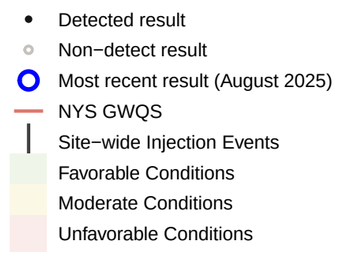
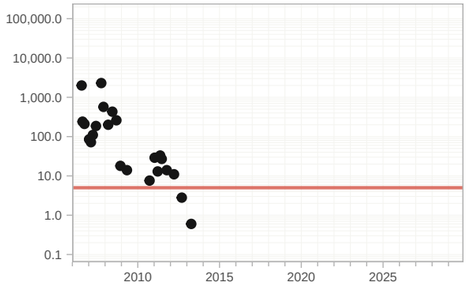
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−3 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

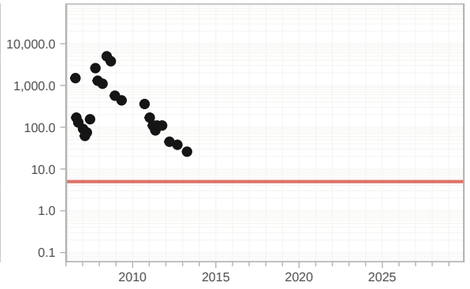
NYS GWQS = 5 ug/L



All | N = 23; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

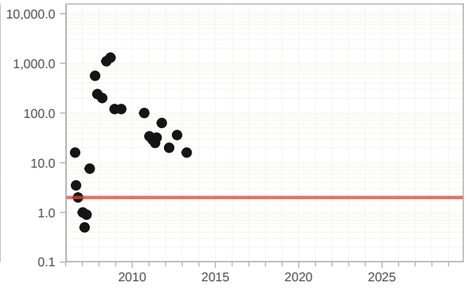
NYS GWQS = 5 ug/L



All | N = 23; ND = 0; %ND = 0; M−K = decreasing

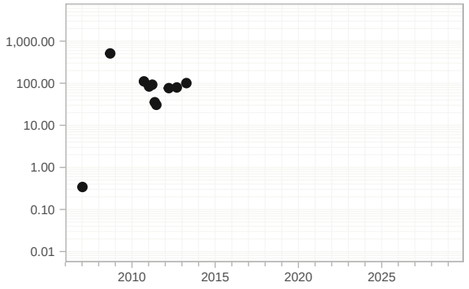
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



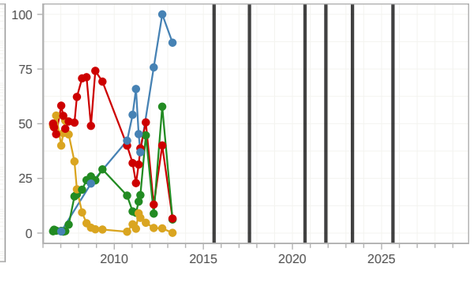
All | N = 23; ND = 0; %ND = 0; M−K = no trend

Ethane + Ethene (ug/L)



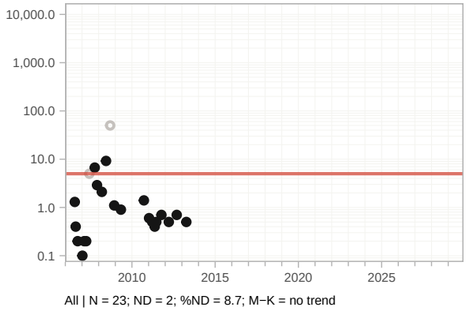
All | N = 10; ND = 0; %ND = 0; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

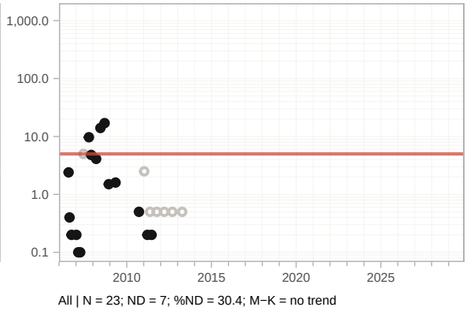
NYS GWQS = 5 ug/L



All | N = 23; ND = 2; %ND = 8.7; M−K = no trend

Dichloroethene (1,1−) (ug/L)

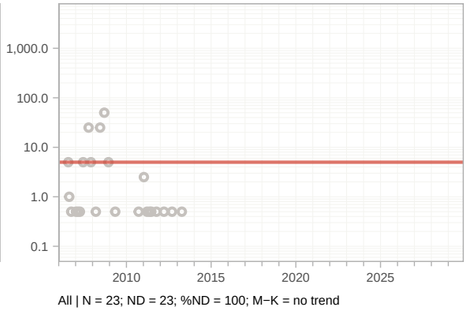
NYS GWQS = 5 ug/L



All | N = 23; ND = 7; %ND = 30.4; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

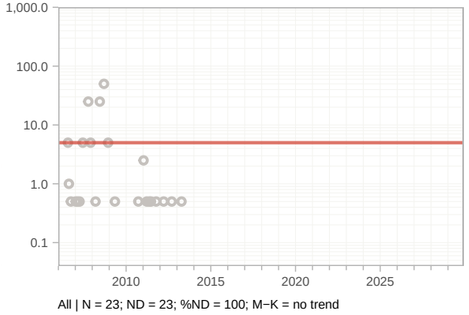
NYS GWQS = 5 ug/L



All | N = 23; ND = 23; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

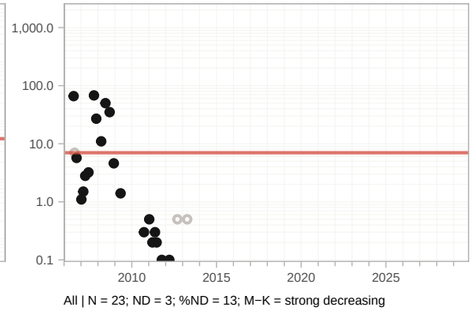
NYS GWQS = 5 ug/L



All | N = 23; ND = 23; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

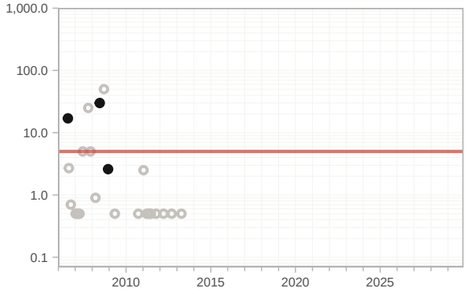
NYS GWQS = 7 ug/L



All | N = 23; ND = 3; %ND = 13; M−K = strong decreasing

Methylene Chloride (Dichloromethane) (ug/L

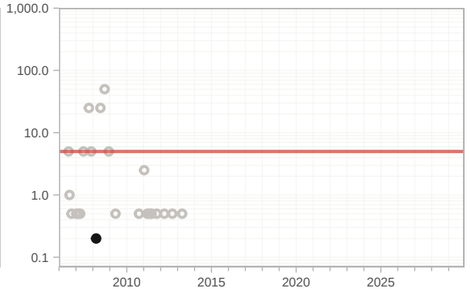
NYS GWQS = 5 ug/L



All | N = 23; ND = 20; %ND = 87; M−K = no trend

Chloromethane (ug/L)

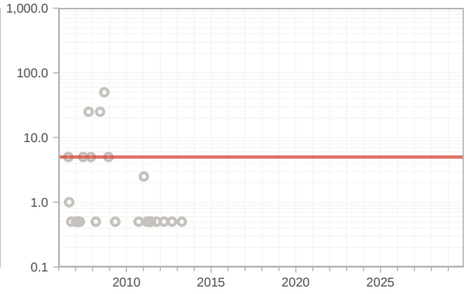
NYS GWQS = 5 ug/L



All | N = 23; ND = 22; %ND = 95.7; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

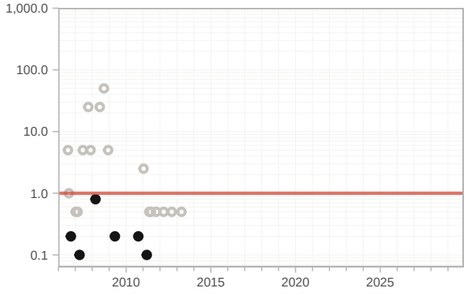
NYS GWQS = 5 ug/L



All | N = 23; ND = 23; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

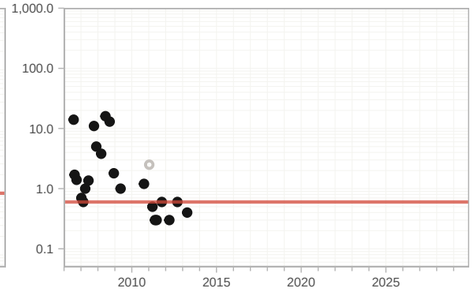
NYS GWQS = 1 ug/L



All | N = 23; ND = 17; %ND = 73.9; M−K = no trend

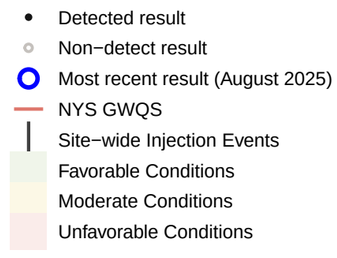
Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 23; ND = 1; %ND = 4.3; M−K = strong decreasing

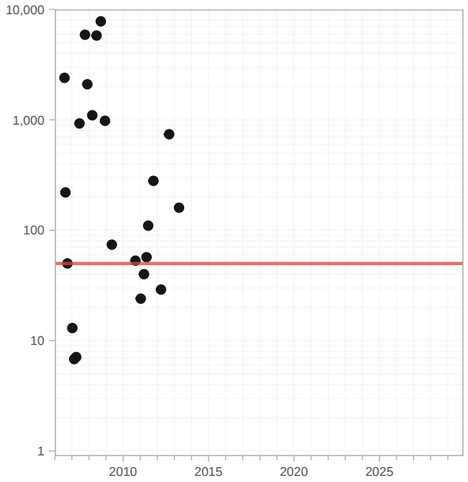
Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−3 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)

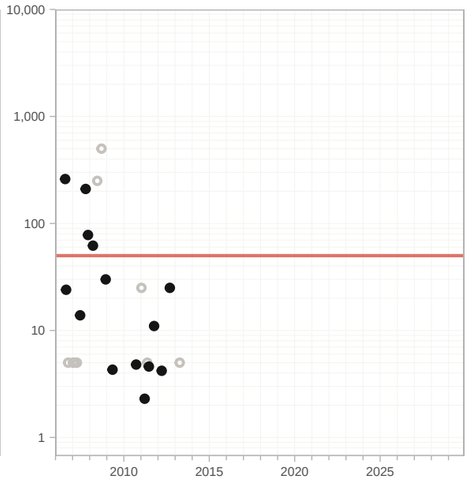
NYS GWQS = 50 ug/L



All | N = 23; ND = 0; %ND = 0; M−K = no trend

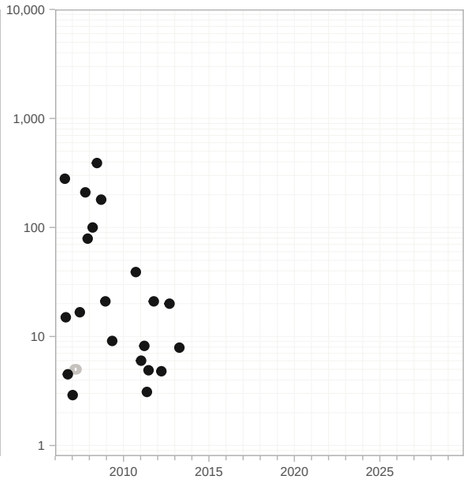
Butanone (2−) (MEK) (ug/L)

NYS GWQS = 50 ug/L



All | N = 23; ND = 9; %ND = 39.1; M−K = no trend

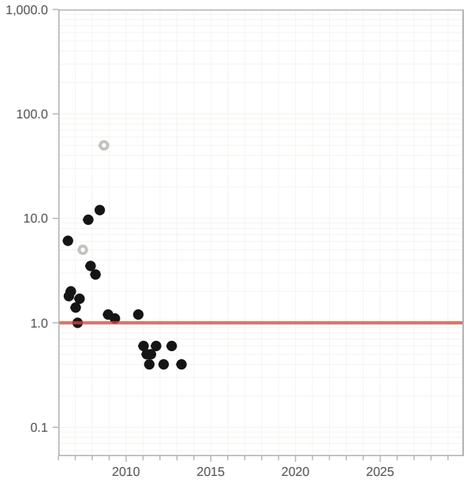
Methyl−2−pentanone (4−) (MIBK) (ug/L)



All | N = 23; ND = 2; %ND = 8.7; M−K = no trend

Benzene (ug/L)

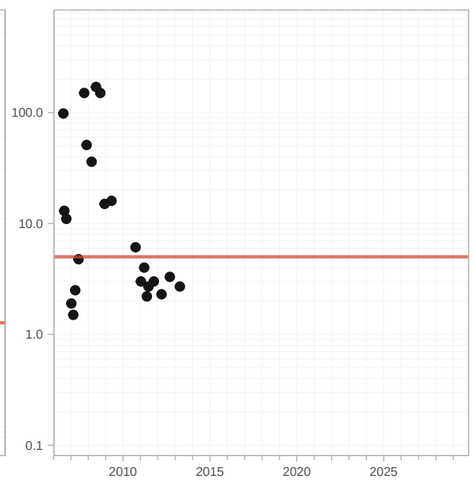
NYS GWQS = 1 ug/L



All | N = 23; ND = 2; %ND = 8.7; M−K = strong decreasing

Toluene (ug/L)

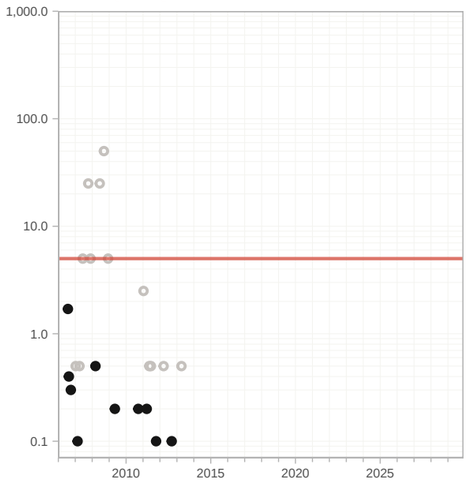
NYS GWQS = 5 ug/L



All | N = 23; ND = 0; %ND = 0; M−K = no trend

Ethylbenzene (ug/L)

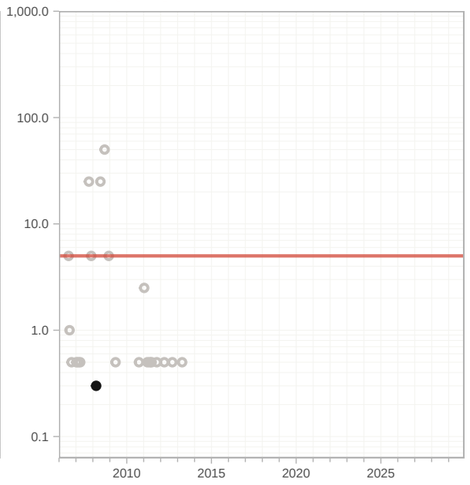
NYS GWQS = 5 ug/L



All | N = 23; ND = 13; %ND = 56.5; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)

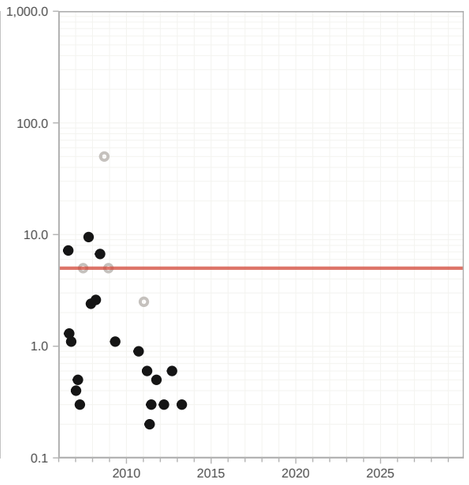
NYS GWQS = 5 ug/L



All | N = 22; ND = 21; %ND = 95.5; M−K = no trend

Xylene (m,p−) (ug/L)

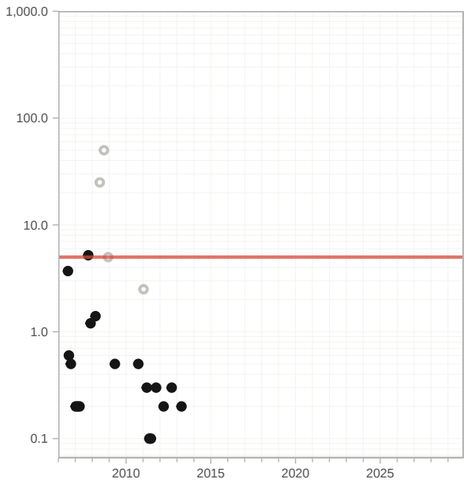
NYS GWQS = 5 ug/L



All | N = 23; ND = 4; %ND = 17.4; M−K = probably decreasing

Xylene (o−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 22; ND = 4; %ND = 18.2; M−K = probably decreasing

Notes:
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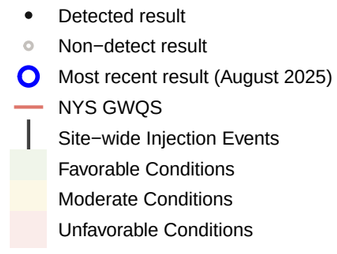
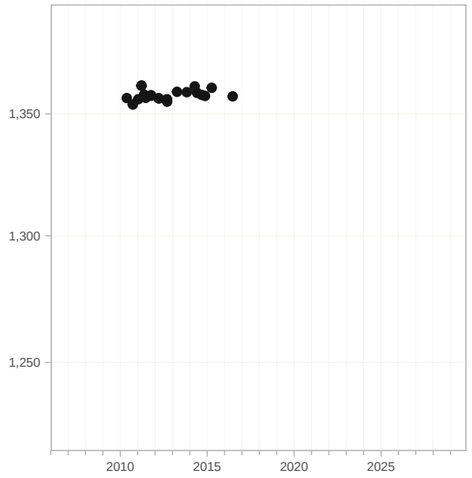


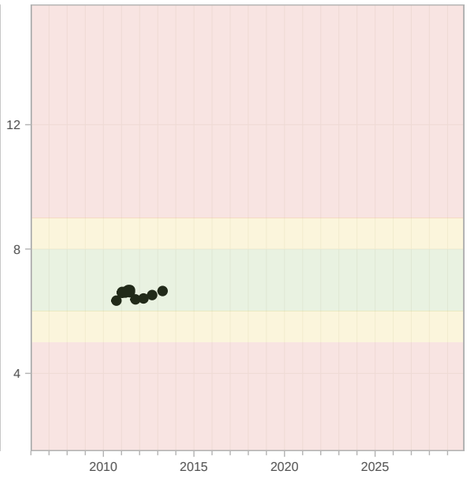
BP−3 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



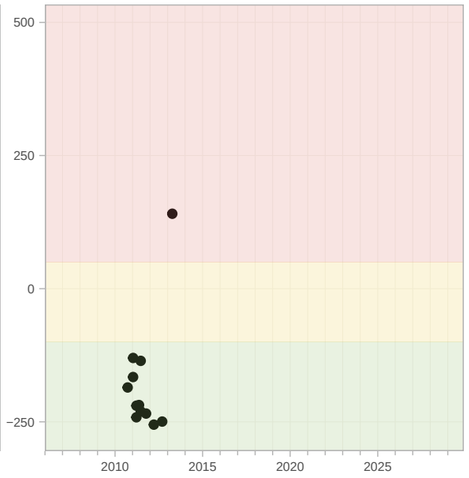
All | N = 22; ND = 0; %ND = 0; M−K = stable

pH (SU)



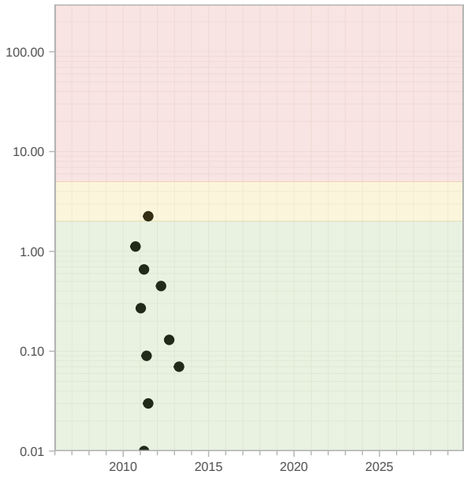
All | N = 12; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



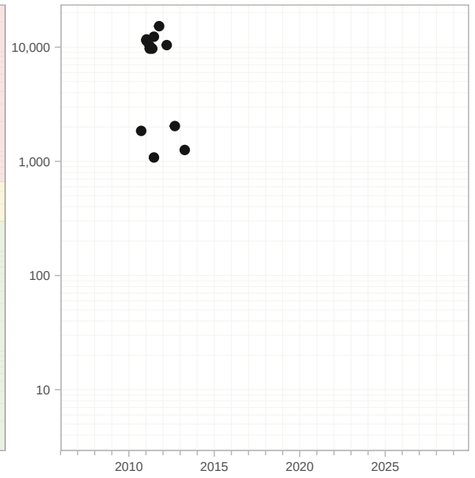
All | N = 12; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



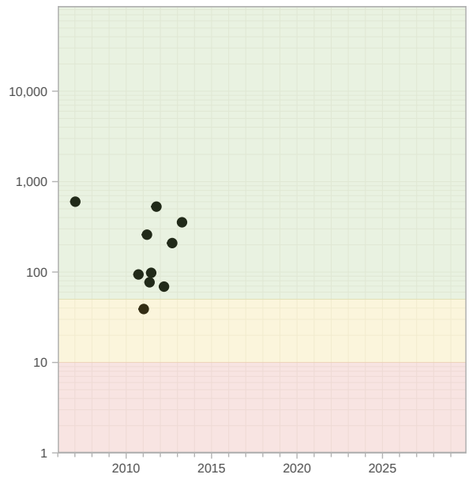
All | N = 10; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



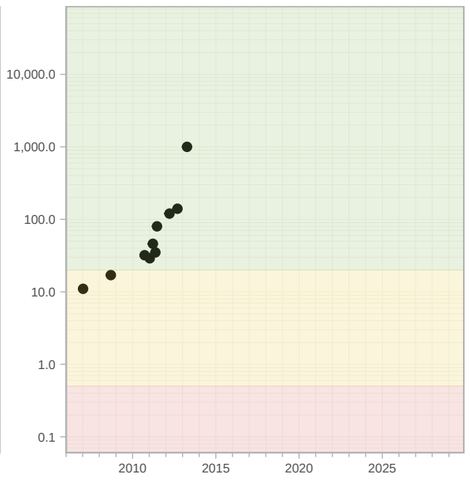
All | N = 12; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



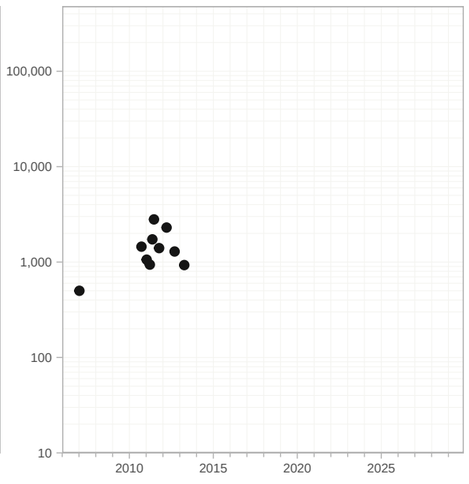
All | N = 10; ND = 0; %ND = 0; M−K = stable

Methane (ug/L)



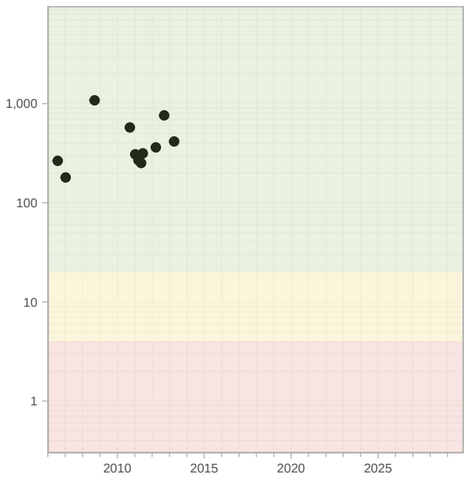
All | N = 10; ND = 0; %ND = 0; M−K = strong increasing

Iron − Ferrous (ug/L)



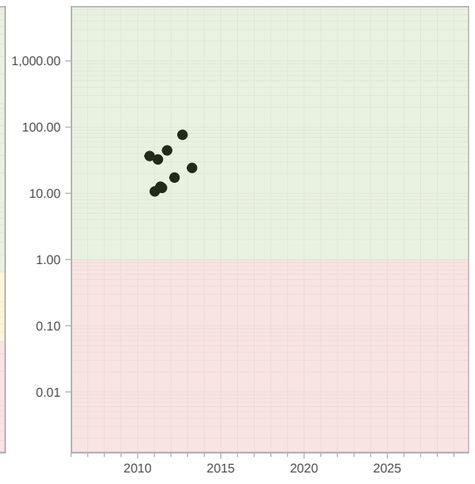
All | N = 10; ND = 0; %ND = 0; M−K = stable

Total Organic Carbon (mg/L)



All | N = 11; ND = 0; %ND = 0; M−K = stable

Total Volatile Fatty Acids (mg/L)



All | N = 9; ND = 0; %ND = 0; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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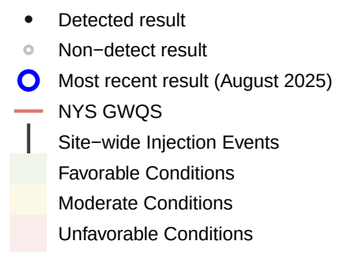
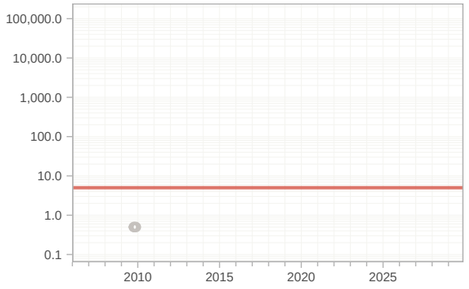


BP−33A (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

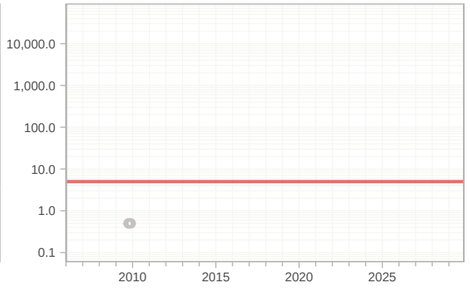
NYS GWQS = 5 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

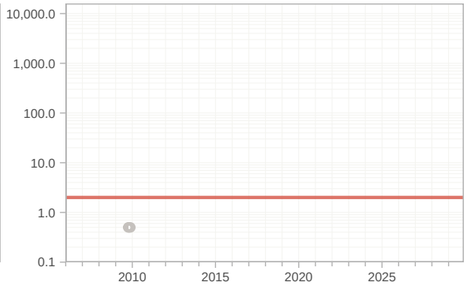
NYS GWQS = 5 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

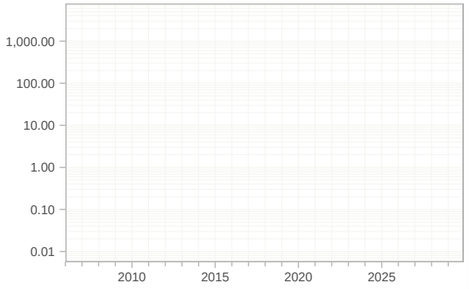
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



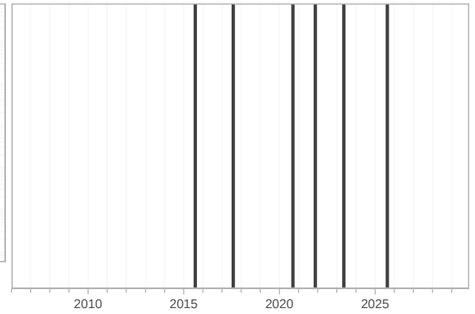
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Ethane + Ethene



No Data

Molar Composition (%)



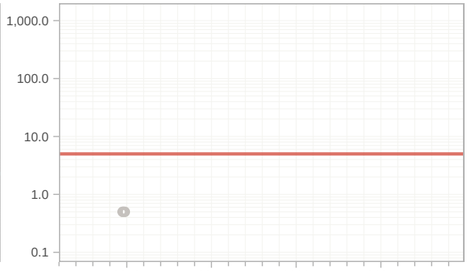
Dichloroethene (trans−1,2−) (ug/L)

NYS GWQS = 5 ug/L

All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

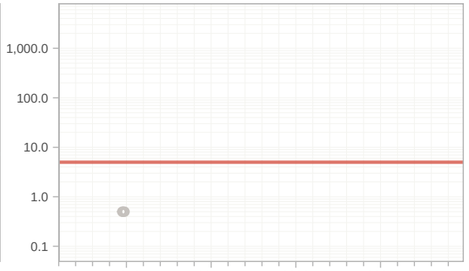
NYS GWQS = 5 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

NYS GWQS = 5 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

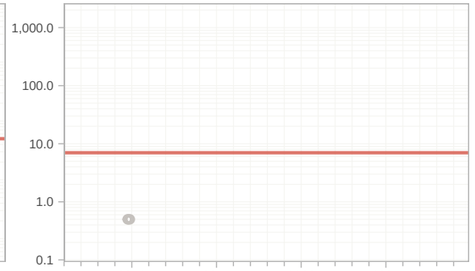
Carbon tetrachloride (ug/L)

NYS GWQS = 5 ug/L

All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

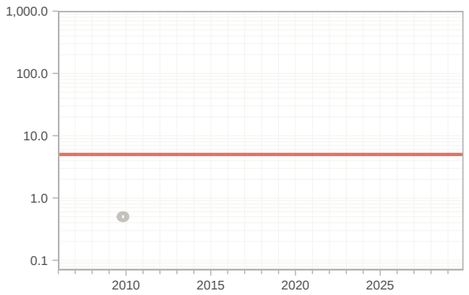
NYS GWQS = 7 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

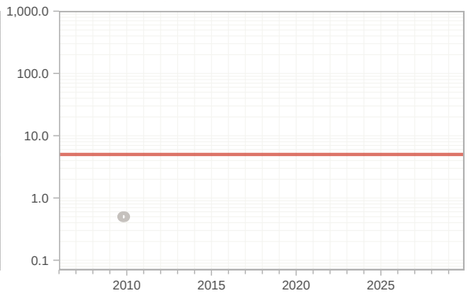
NYS GWQS = 5 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

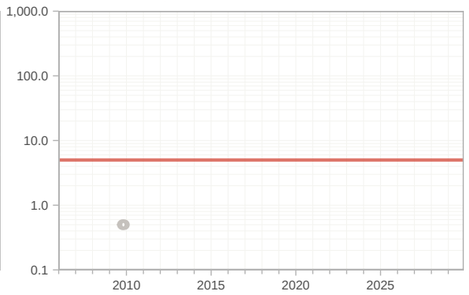
NYS GWQS = 5 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

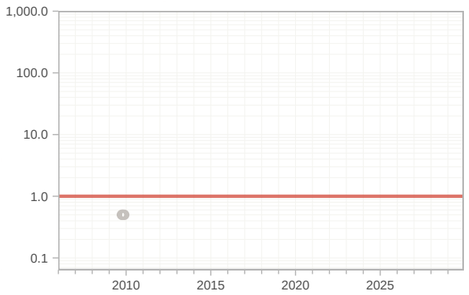
NYS GWQS = 5 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

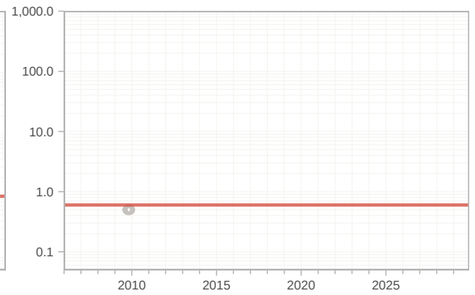
NYS GWQS = 1 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Notes:
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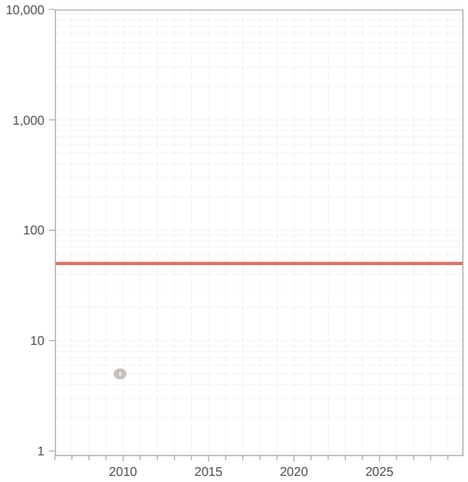
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

Detected result
Non−detect result
Most recent result (August 2025)
NYS GWQS
Site−wide Injection Events
Favorable Conditions
Moderate Conditions
Unfavorable Conditions

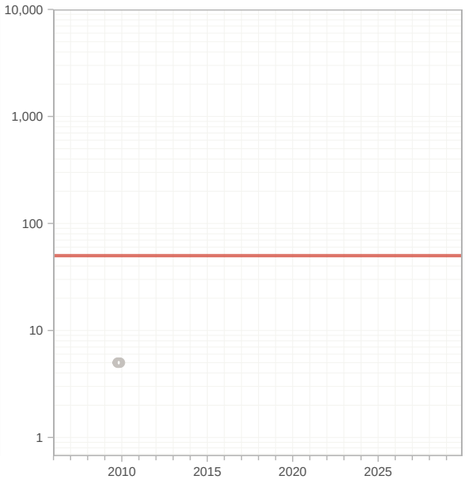
BP−33A (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



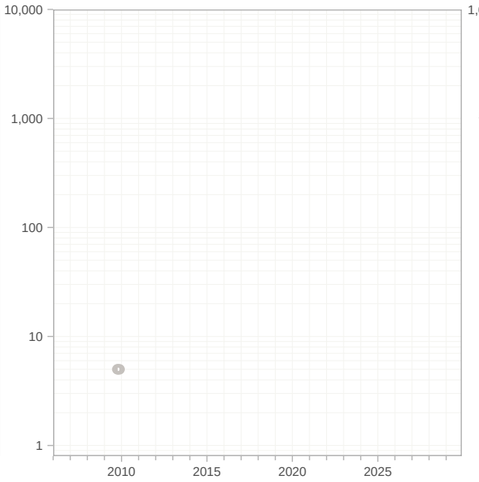
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



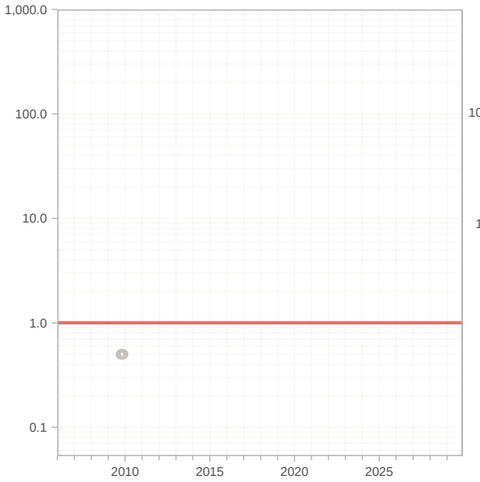
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



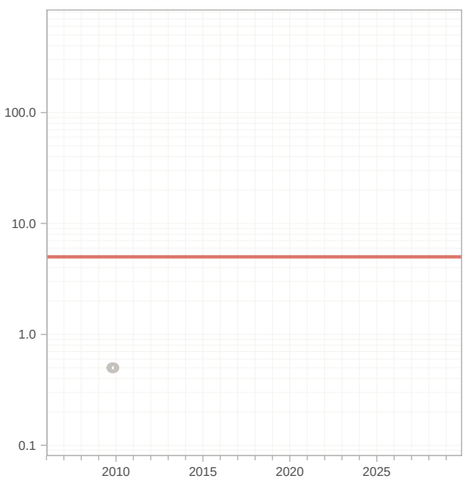
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Benzene (ug/L)



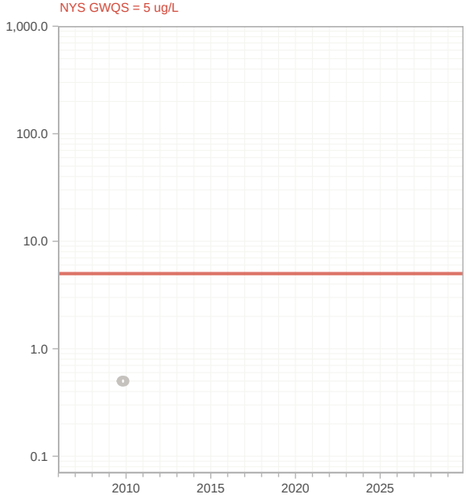
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Toluene (ug/L)



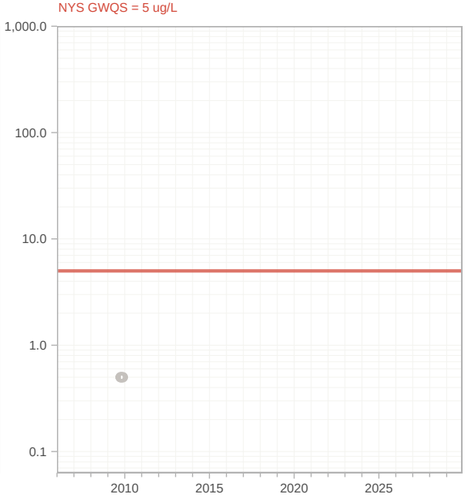
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Ethylbenzene (ug/L)



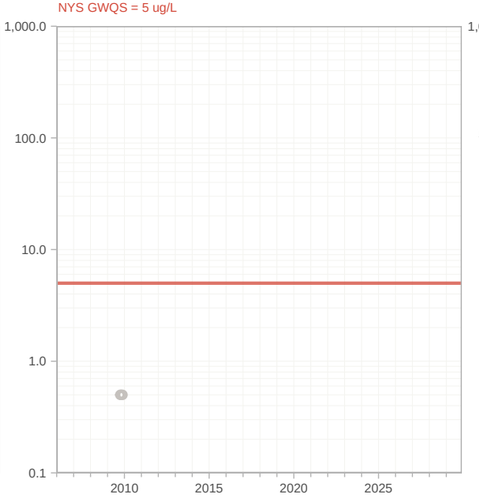
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



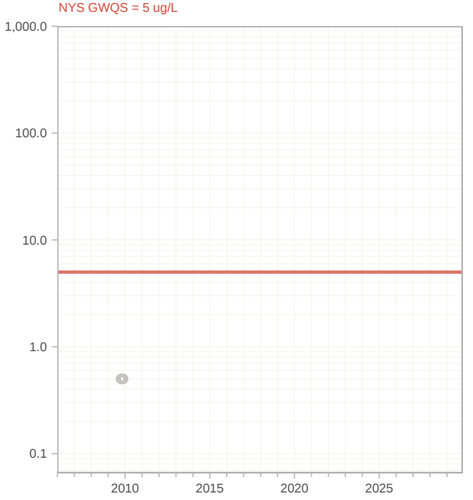
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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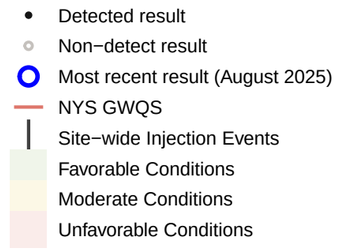
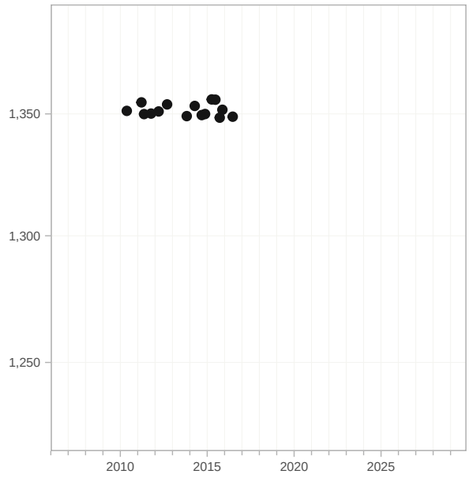
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



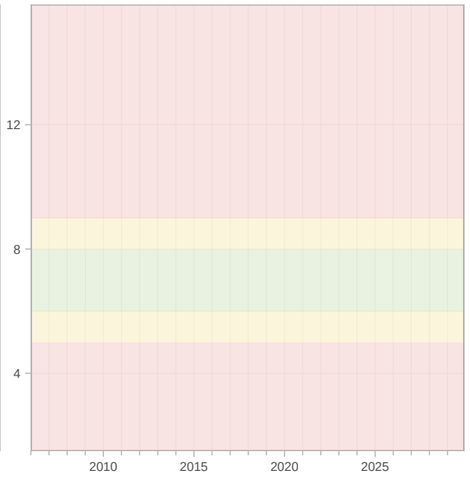
BP−33A (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



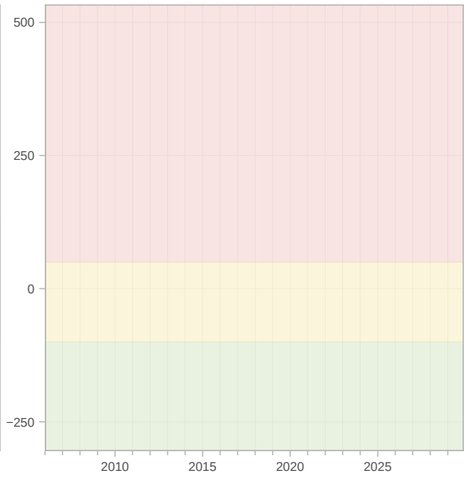
All | N = 15; ND = 0; %ND = 0; M−K = stable

pH



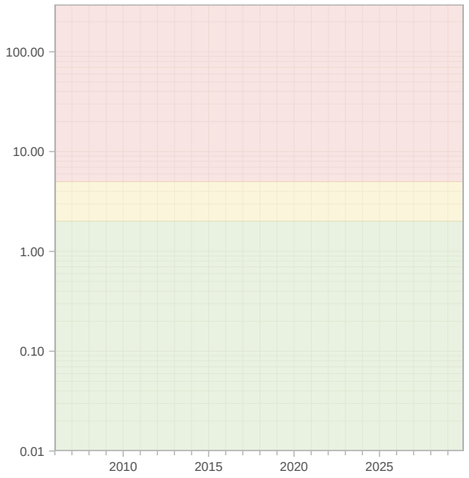
No Data

Oxidation/Reduction Potential



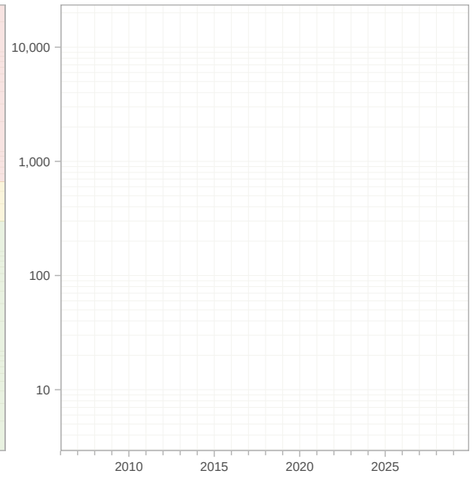
No Data

Dissolved Oxygen



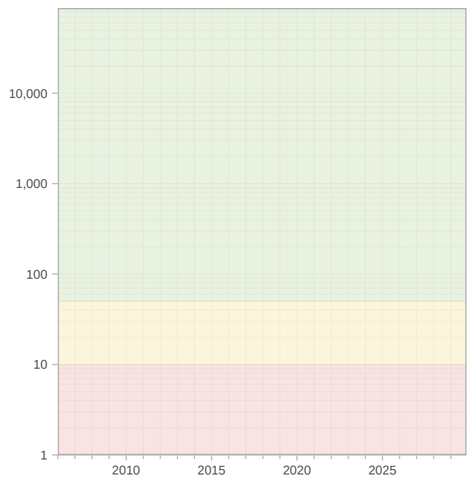
No Data

Specific Conductance



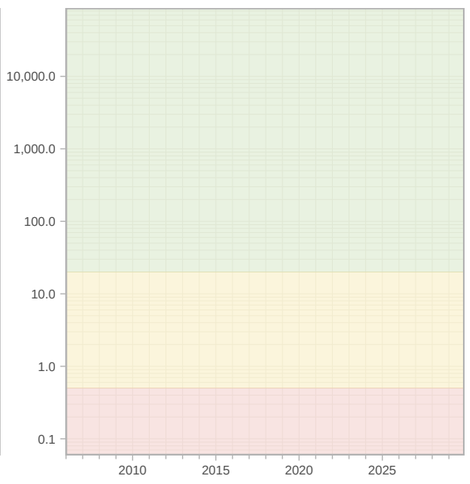
No Data

Sulfide



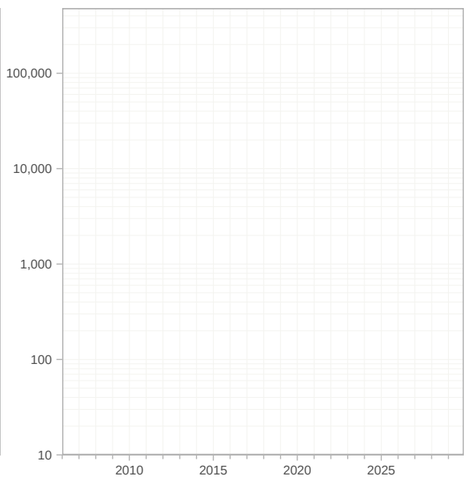
No Data

Methane



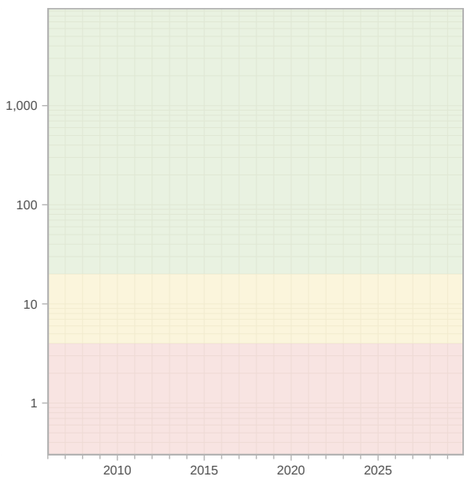
No Data

Iron − Ferrous



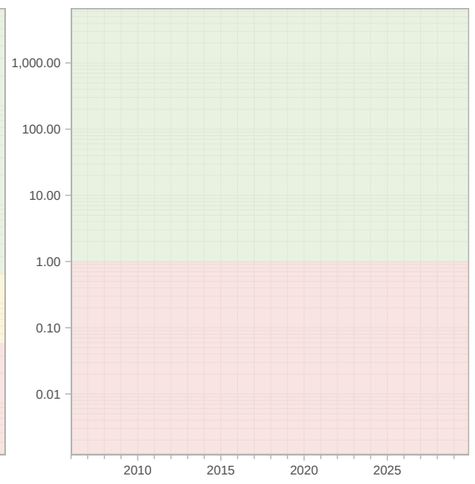
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
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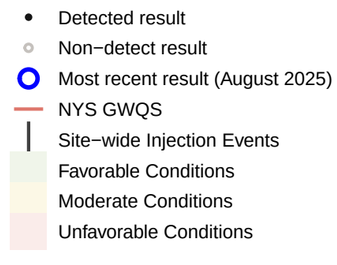
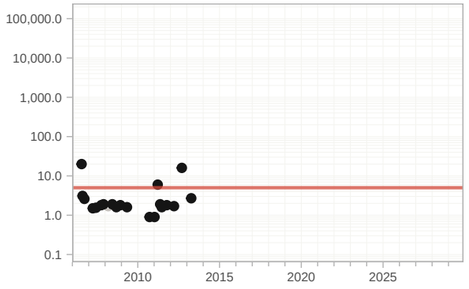


BP−4 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

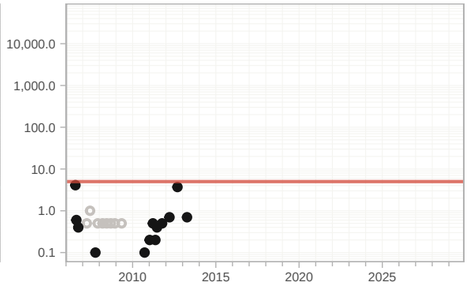
NYS GWQS = 5 ug/L



All | N = 21; ND = 1; %ND = 4.8; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

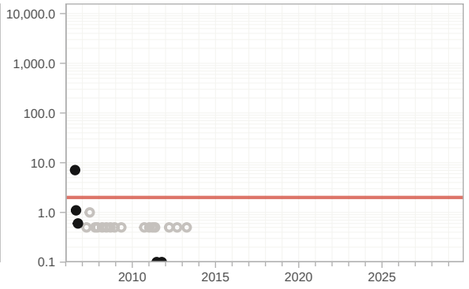
NYS GWQS = 5 ug/L



All | N = 21; ND = 8; %ND = 38.1; M−K = no trend

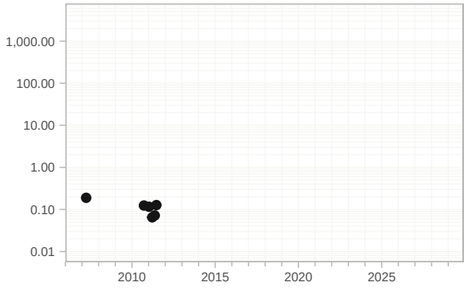
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



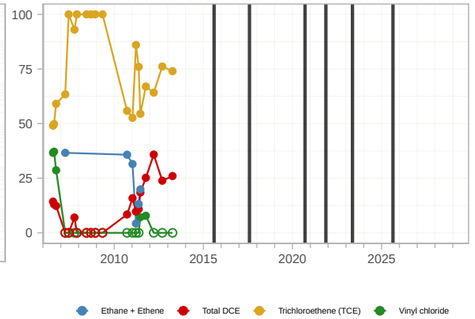
All | N = 21; ND = 16; %ND = 76.2; M−K = decreasing

Ethane + Ethene (ug/L)



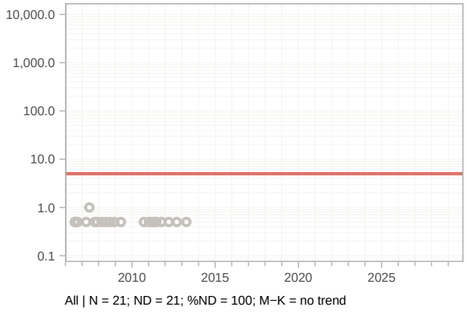
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

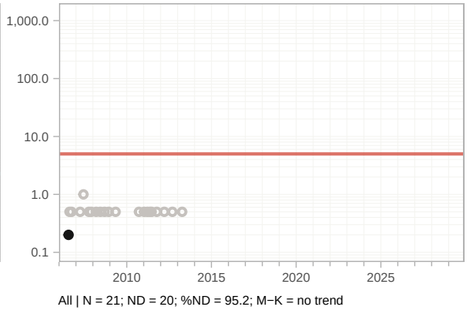
NYS GWQS = 5 ug/L



All | N = 21; ND = 21; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

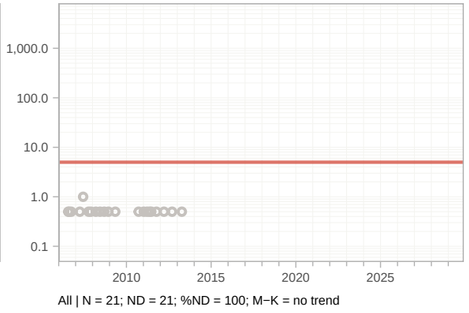
NYS GWQS = 5 ug/L



All | N = 21; ND = 20; %ND = 95.2; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

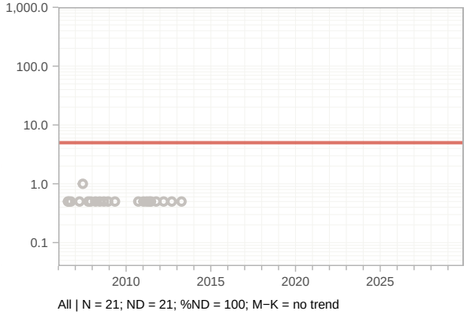
NYS GWQS = 5 ug/L



All | N = 21; ND = 21; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

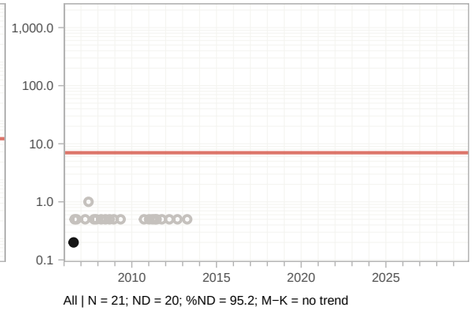
NYS GWQS = 5 ug/L



All | N = 21; ND = 21; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

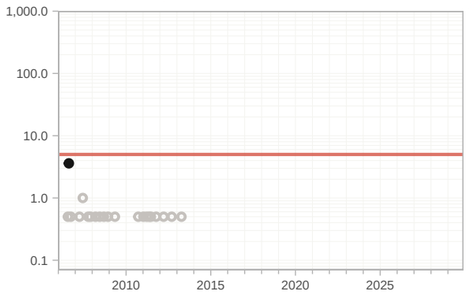
NYS GWQS = 7 ug/L



All | N = 21; ND = 20; %ND = 95.2; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

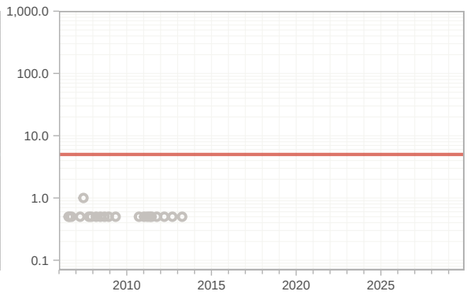
NYS GWQS = 5 ug/L



All | N = 21; ND = 20; %ND = 95.2; M−K = no trend

Chloromethane (ug/L)

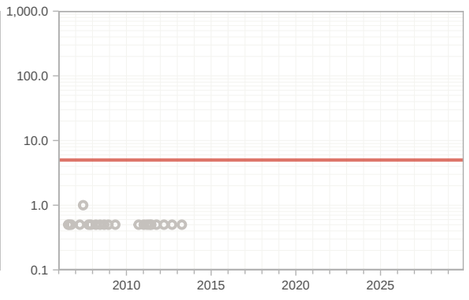
NYS GWQS = 5 ug/L



All | N = 21; ND = 21; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

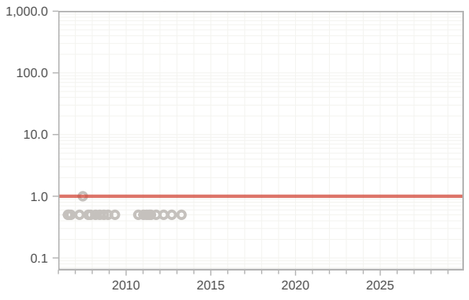
NYS GWQS = 5 ug/L



All | N = 21; ND = 21; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

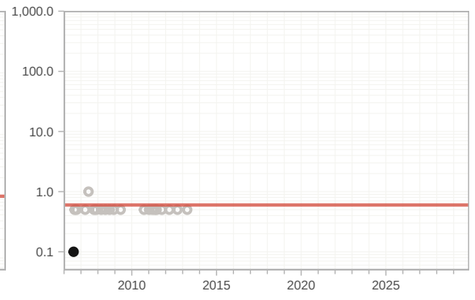
NYS GWQS = 1 ug/L



All | N = 21; ND = 21; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 21; ND = 20; %ND = 95.2; M−K = no trend

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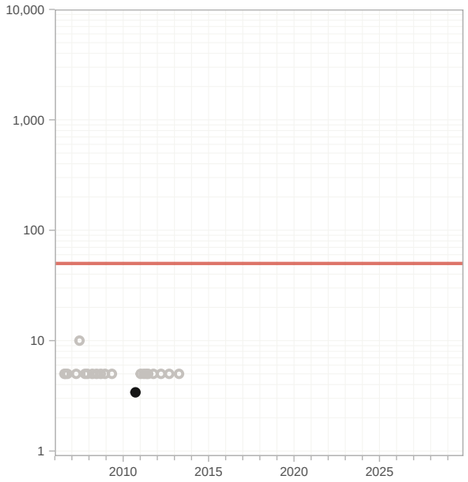
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

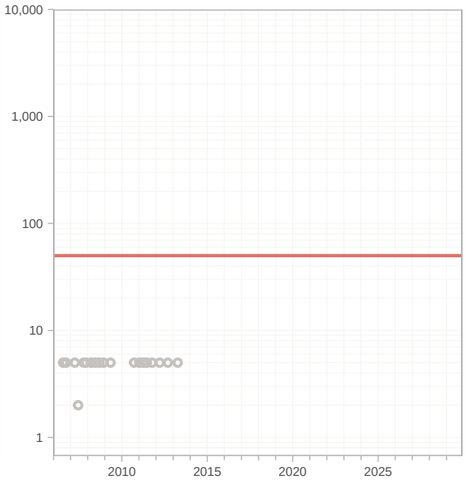
BP−4 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



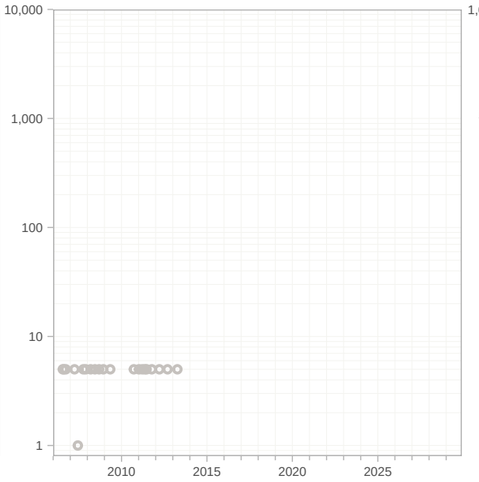
All | N = 21; ND = 20; %ND = 95.2; M−K = no trend

Butanone (2−) (MEK) (ug/L)



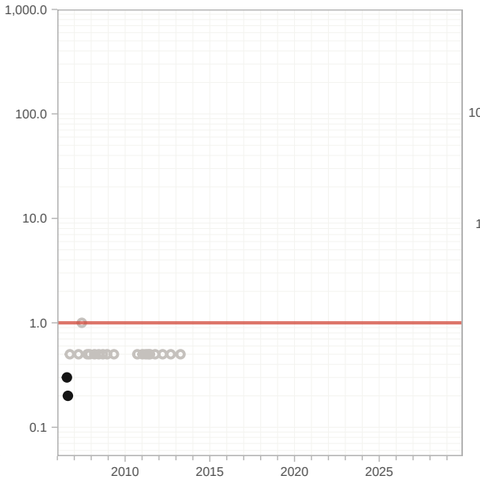
All | N = 21; ND = 21; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



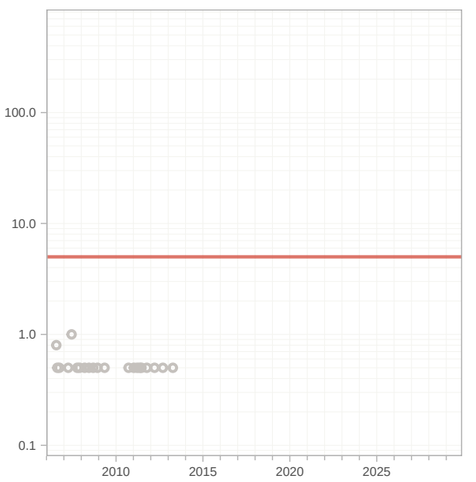
All | N = 21; ND = 21; %ND = 100; M−K = no trend

Benzene (ug/L)



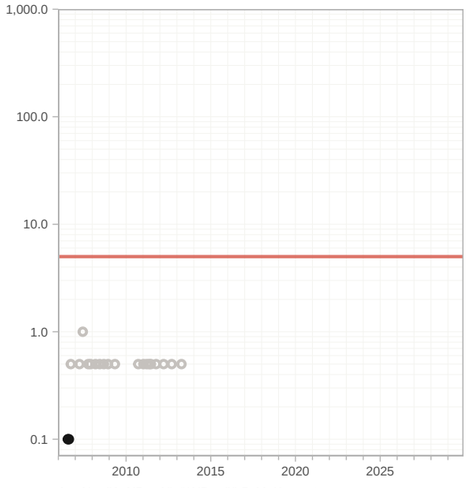
All | N = 21; ND = 19; %ND = 90.5; M−K = no trend

Toluene (ug/L)



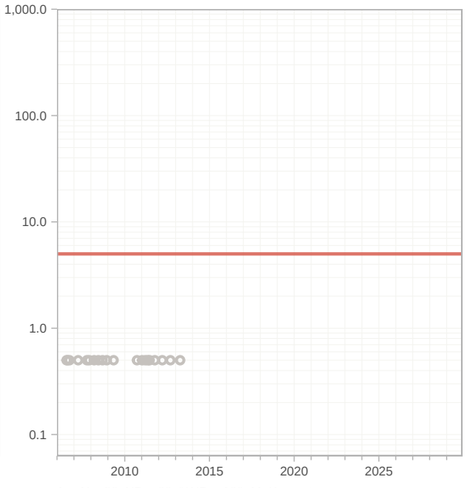
All | N = 21; ND = 21; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



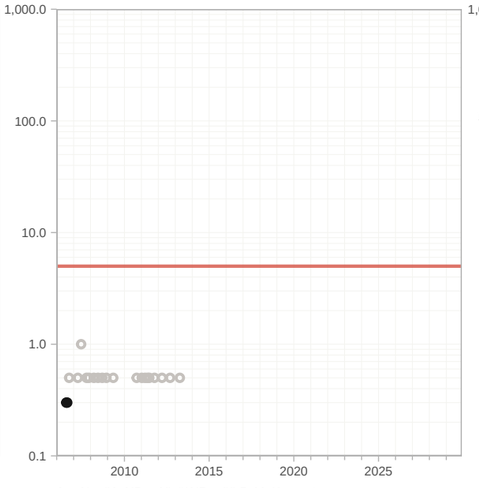
All | N = 21; ND = 19; %ND = 90.5; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



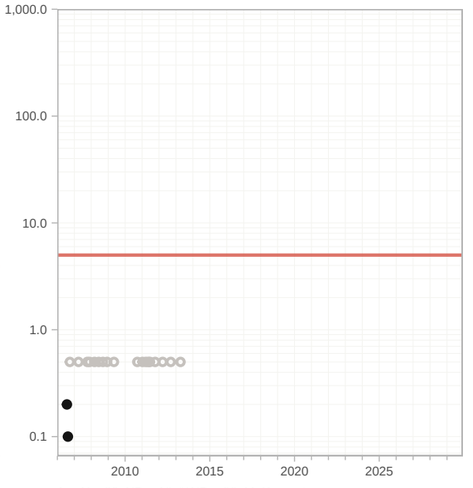
All | N = 20; ND = 20; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



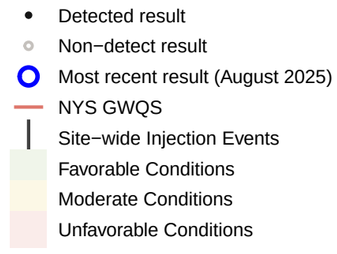
All | N = 21; ND = 19; %ND = 90.5; M−K = no trend

Xylene (o−) (ug/L)



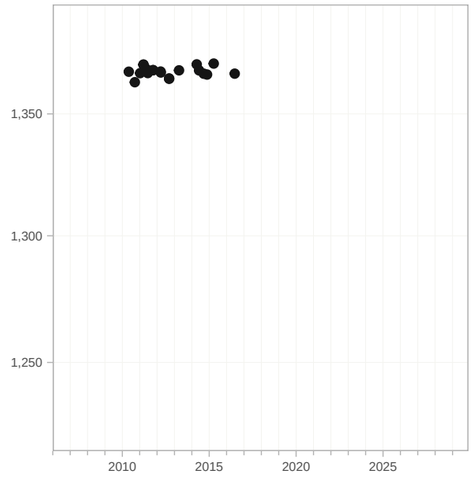
All | N = 20; ND = 18; %ND = 90; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



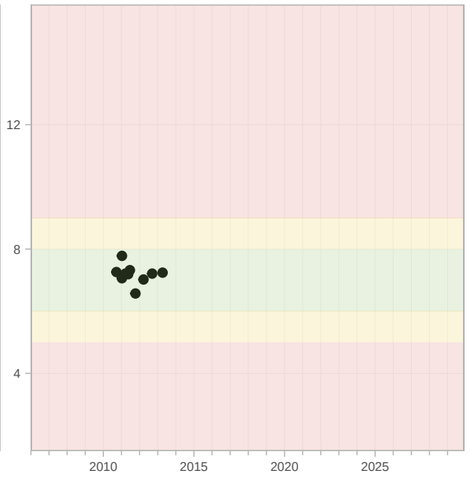
BP−4 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



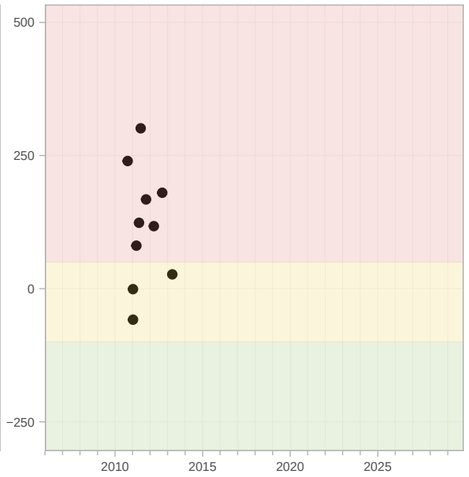
All | N = 21; ND = 0; %ND = 0; M−K = stable

pH (SU)



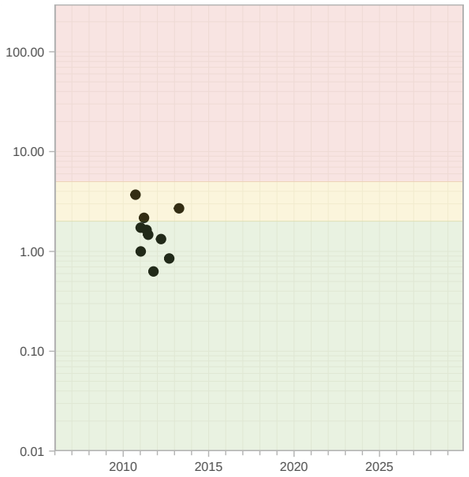
All | N = 10; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



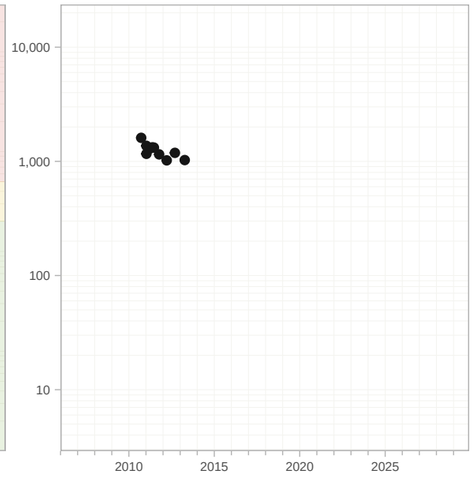
All | N = 10; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



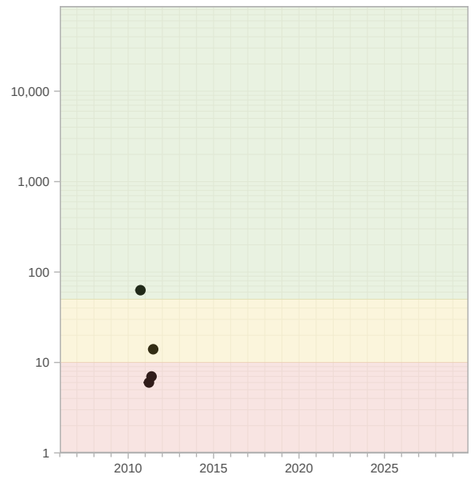
All | N = 10; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



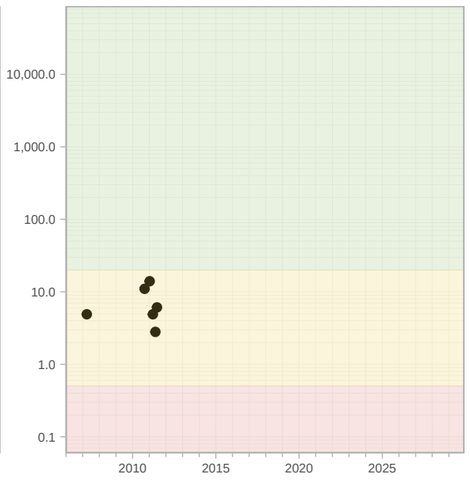
All | N = 10; ND = 0; %ND = 0; M−K = decreasing

Sulfide (ug/L)



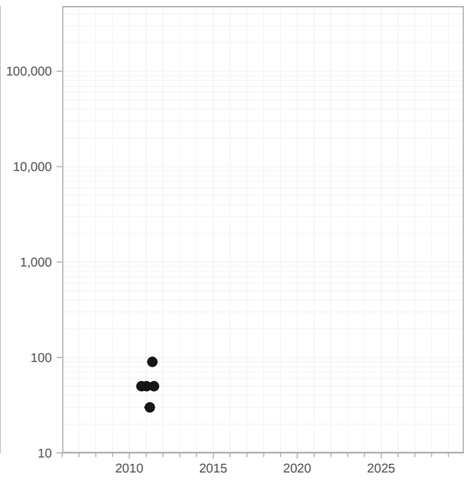
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Methane (ug/L)



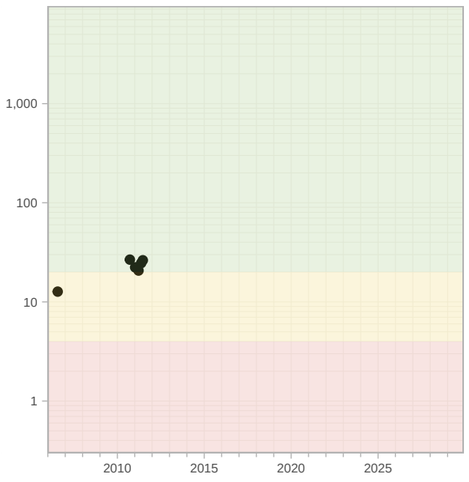
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Iron − Ferrous (ug/L)



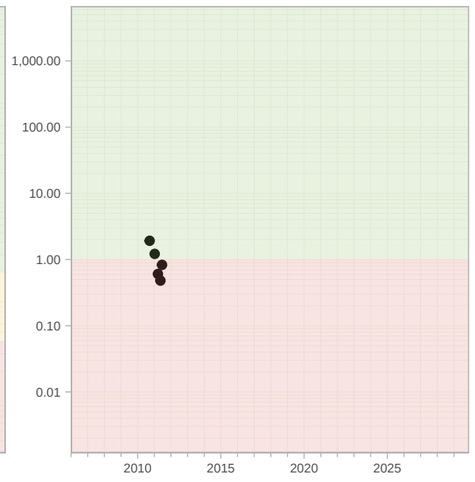
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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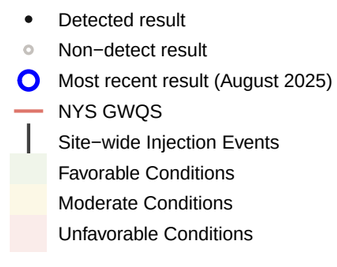
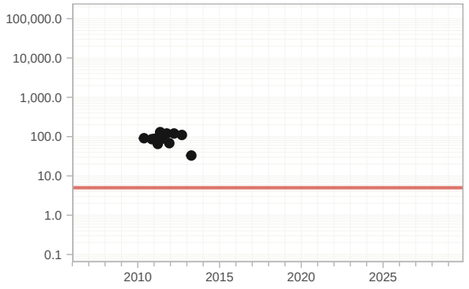
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



BP−40A (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

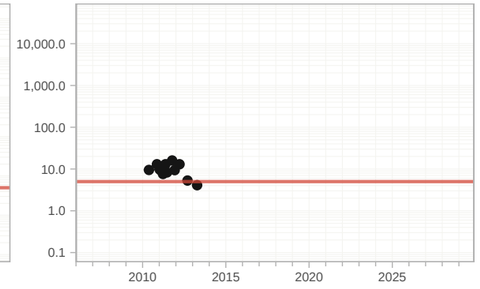
NYS GWQS = 5 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

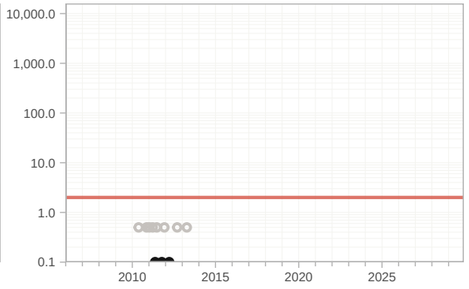
NYS GWQS = 5 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = stable

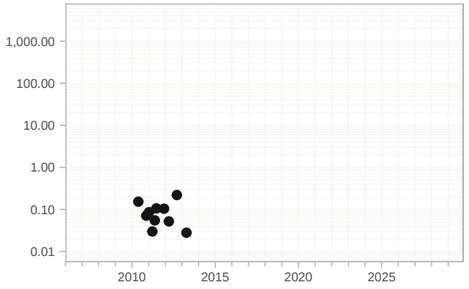
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



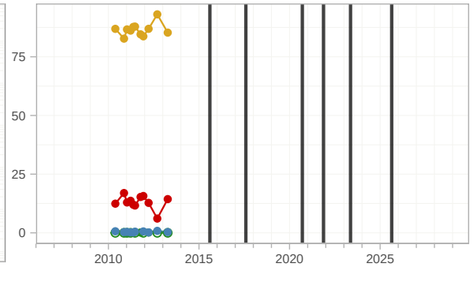
All | N = 11; ND = 8; %ND = 72.7; M−K = no trend

Ethane + Ethene (ug/L)



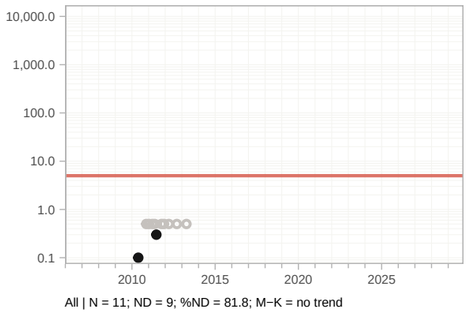
All | N = 10; ND = 0; %ND = 0; M−K = stable

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

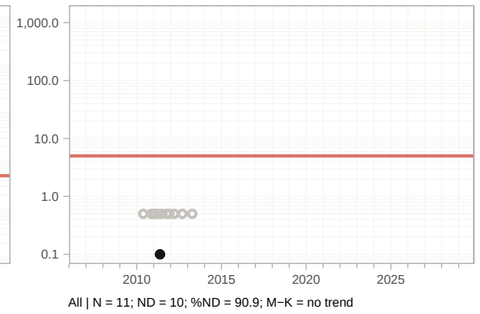
NYS GWQS = 5 ug/L



All | N = 11; ND = 9; %ND = 81.8; M−K = no trend

Dichloroethene (1,1−) (ug/L)

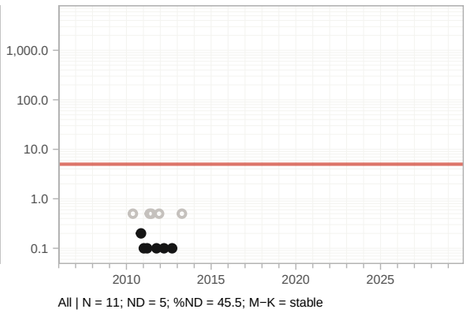
NYS GWQS = 5 ug/L



All | N = 11; ND = 10; %ND = 90.9; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

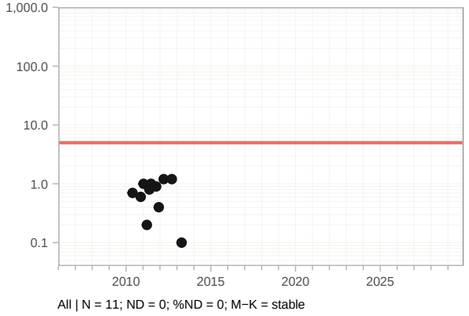
NYS GWQS = 5 ug/L



All | N = 11; ND = 5; %ND = 45.5; M−K = stable

Carbon tetrachloride (ug/L)

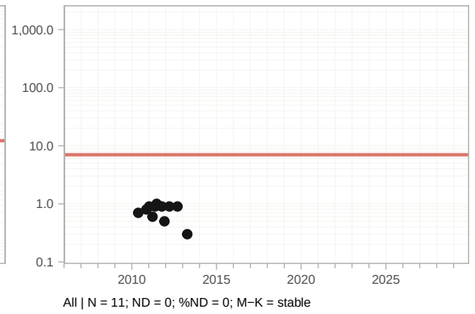
NYS GWQS = 5 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = stable

Chloroform (Trichloromethane) (ug/L)

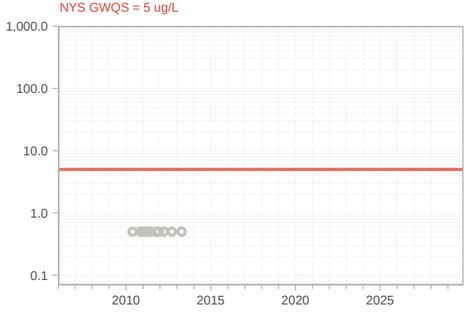
NYS GWQS = 7 ug/L



All | N = 11; ND = 0; %ND = 0; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

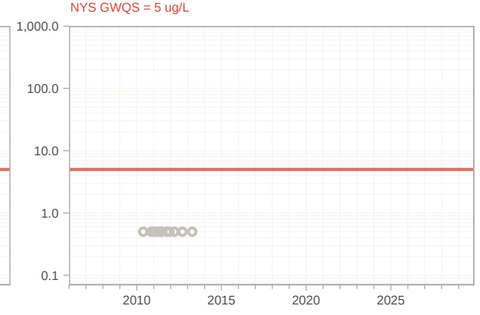
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Chloromethane (ug/L)

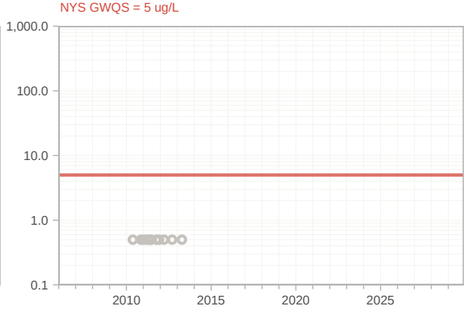
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

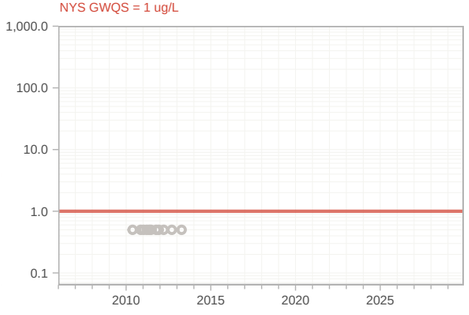
NYS GWQS = 5 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

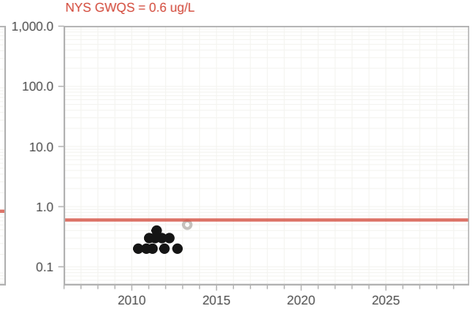
NYS GWQS = 1 ug/L



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 11; ND = 1; %ND = 9.1; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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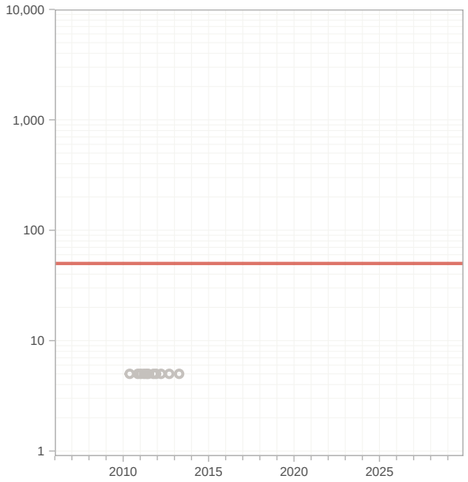
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

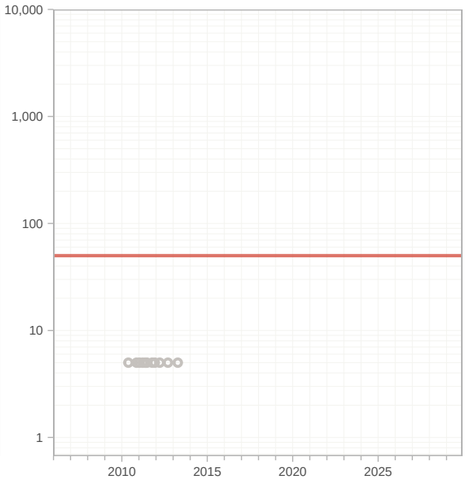
BP−40A (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



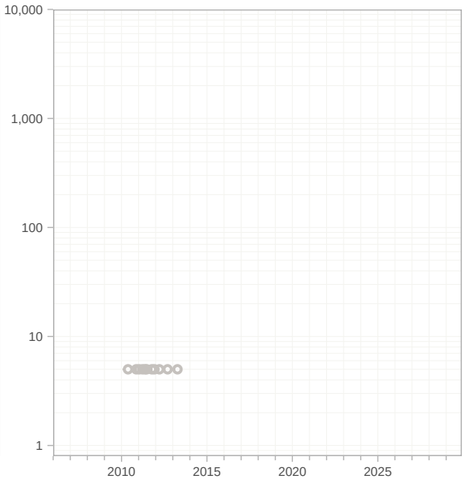
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Butanone (2−) (MEK) (ug/L)



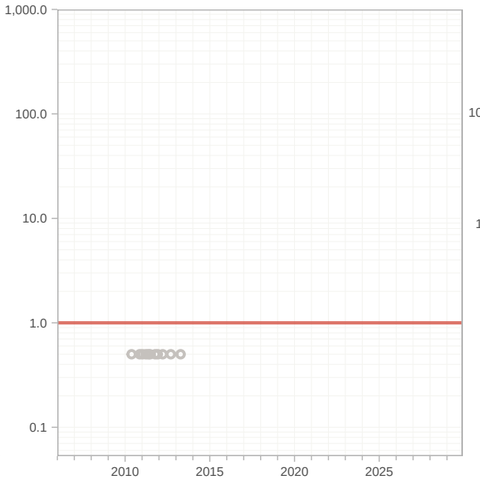
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



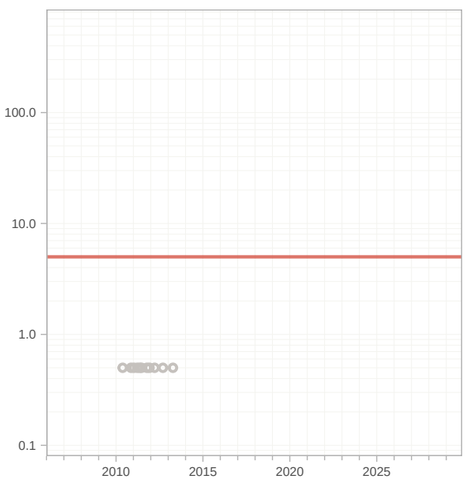
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Benzene (ug/L)



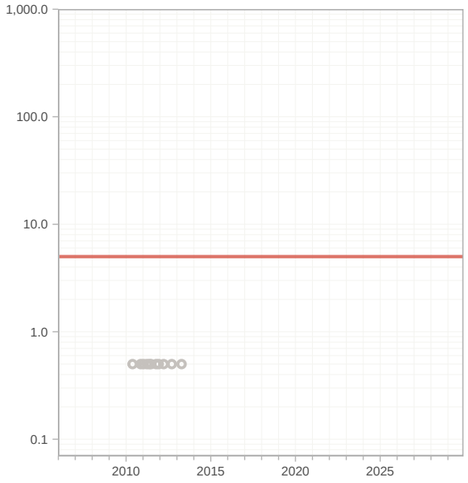
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Toluene (ug/L)



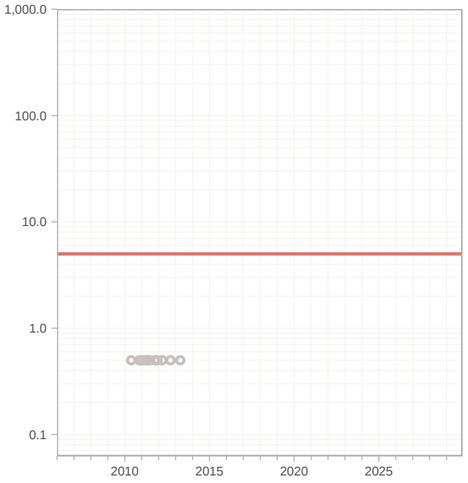
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Ethylbenzene (ug/L)



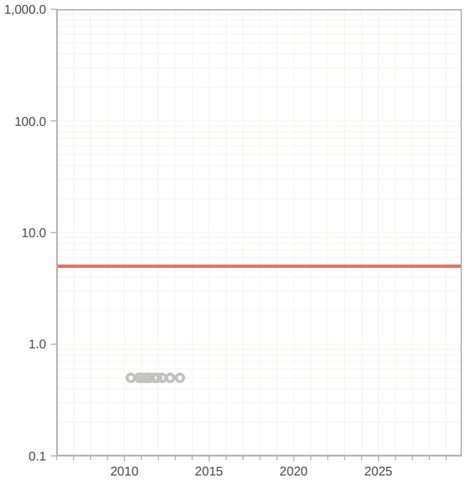
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



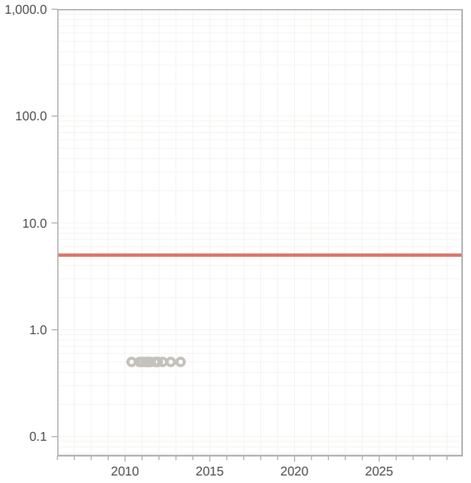
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 11; ND = 11; %ND = 100; M−K = no trend

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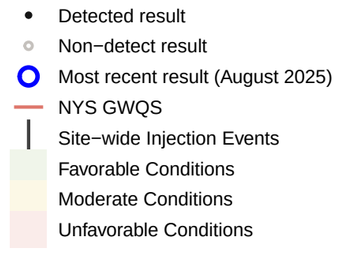
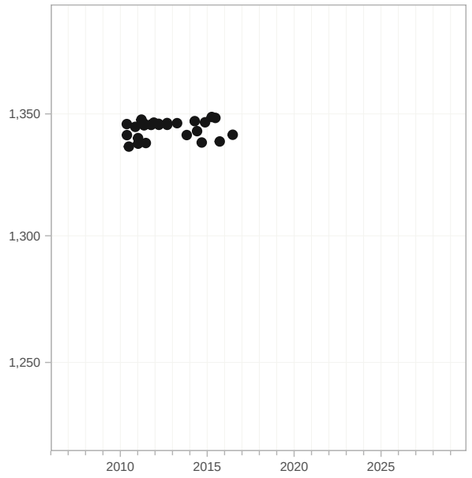
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



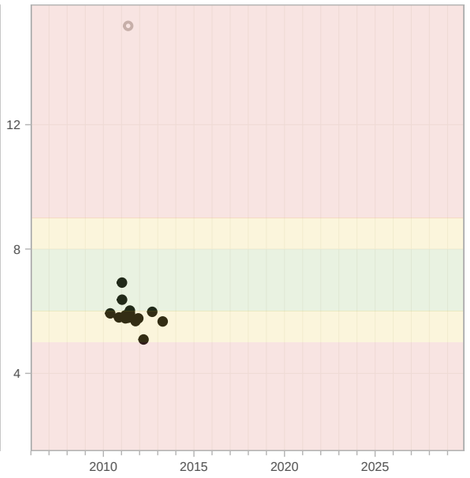
BP−40A (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



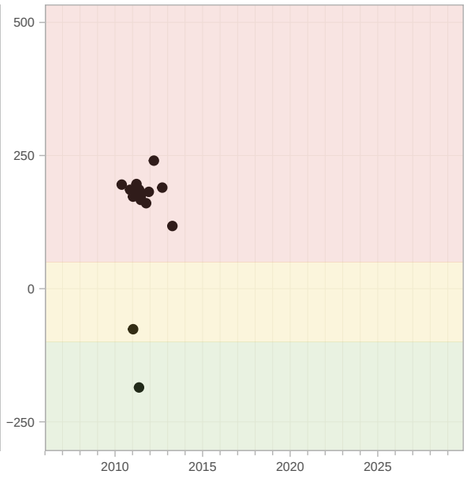
All | N = 28; ND = 0; %ND = 0; M−K = stable

pH (SU)



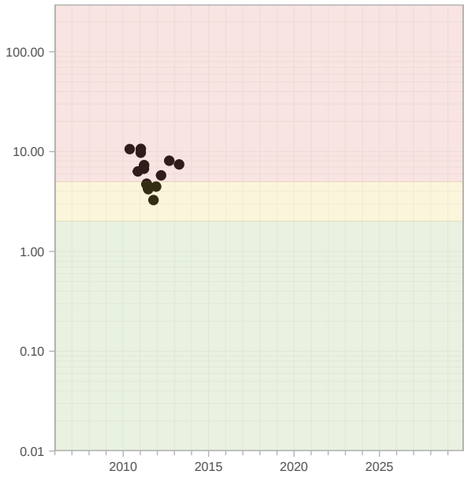
All | N = 15; ND = 1; %ND = 6.7; M−K = probably decreasing

Oxidation/Reduction Potential (mV)



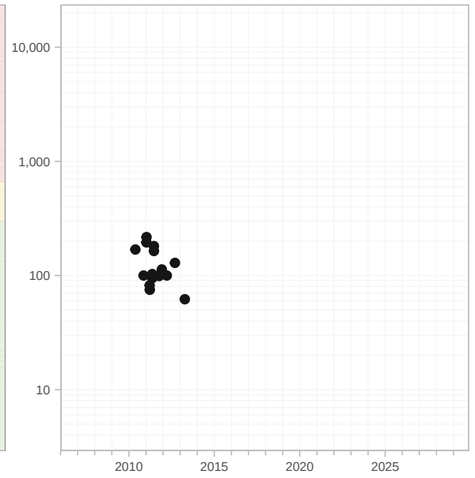
All | N = 15; ND = 0; %ND = 0; M−K = stable

Dissolved Oxygen (mg/L)



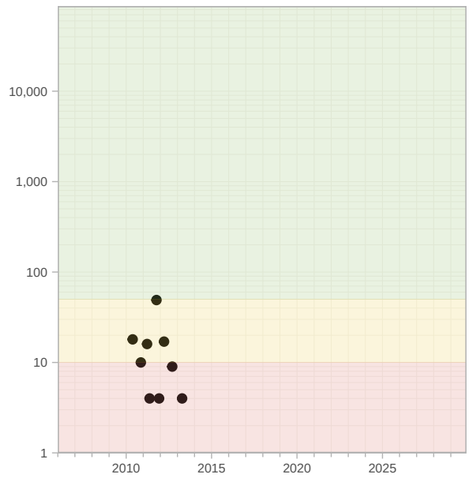
All | N = 15; ND = 0; %ND = 0; M−K = stable

Specific Conductance (uS/cm)



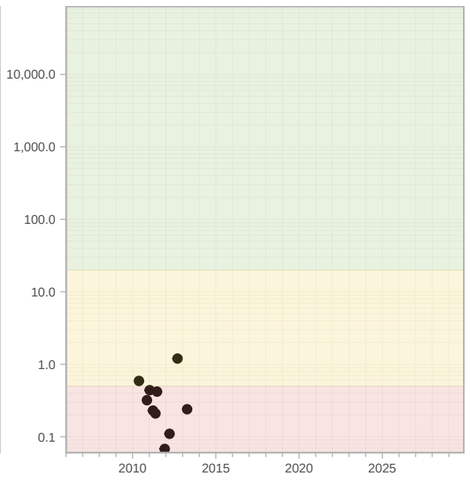
All | N = 15; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



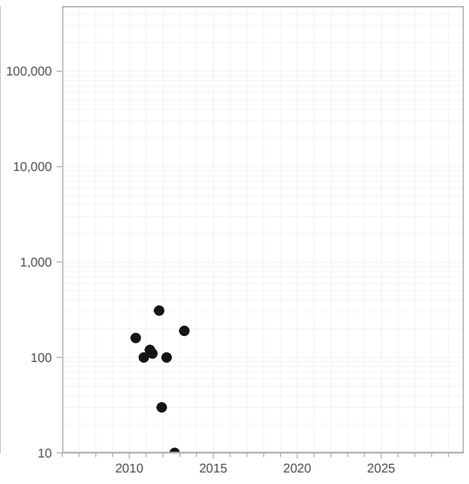
All | N = 9; ND = 0; %ND = 0; M−K = stable

Methane (ug/L)



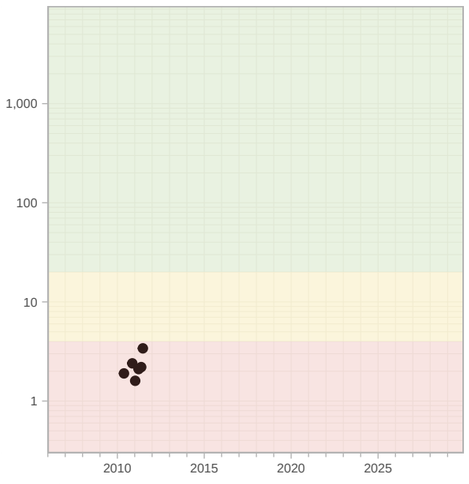
All | N = 10; ND = 0; %ND = 0; M−K = stable

Iron − Ferrous (ug/L)



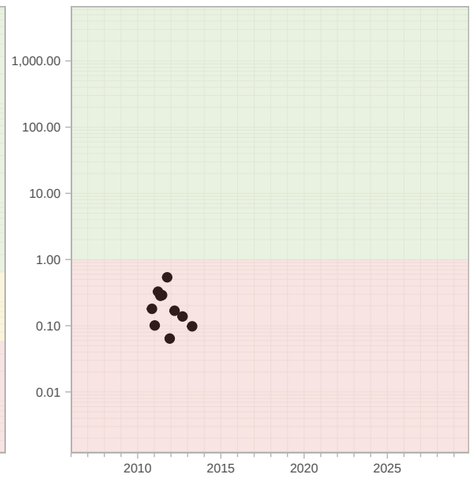
All | N = 9; ND = 0; %ND = 0; M−K = stable

Total Organic Carbon (mg/L)



All | N = 6; ND = 0; %ND = 0; M−K = no trend

Total Volatile Fatty Acids (mg/L)



All | N = 10; ND = 0; %ND = 0; M−K = stable

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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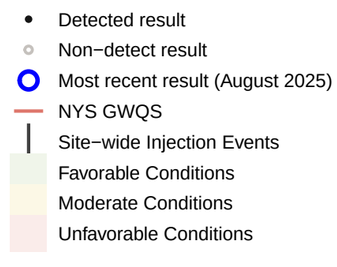
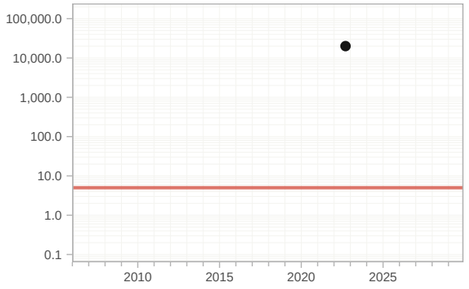


BP−42A (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

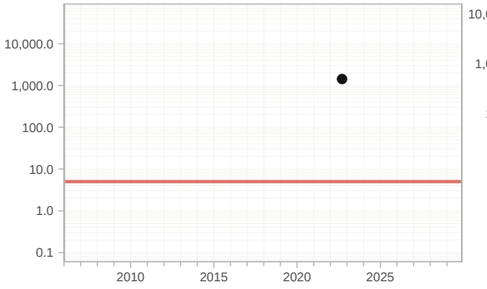
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

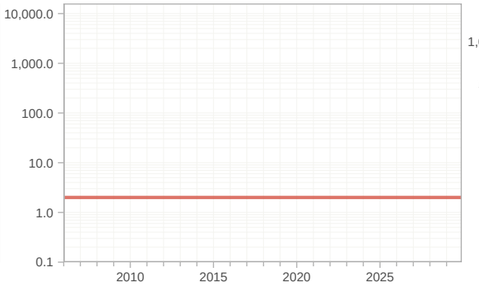
Dichloroethene (cis−1,2−) (ug/L)

NYS GWQS = 5 ug/L



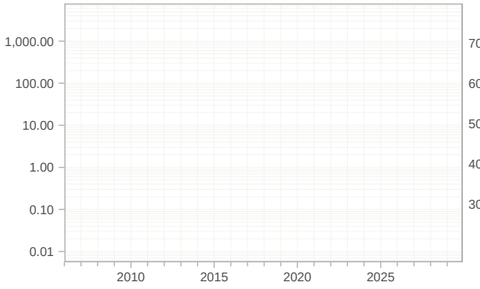
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Vinyl chloride



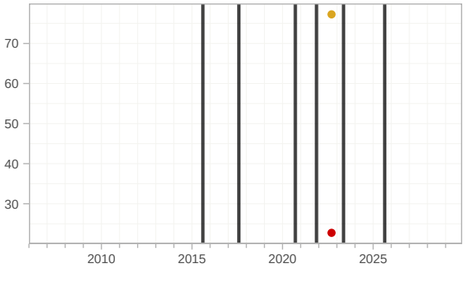
No Data

Ethane + Ethene



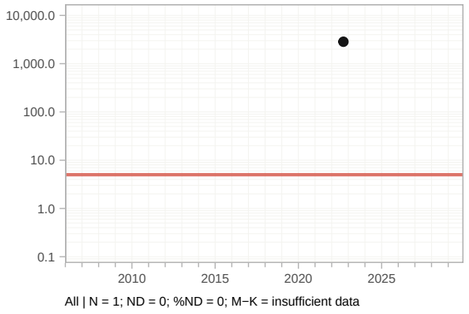
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

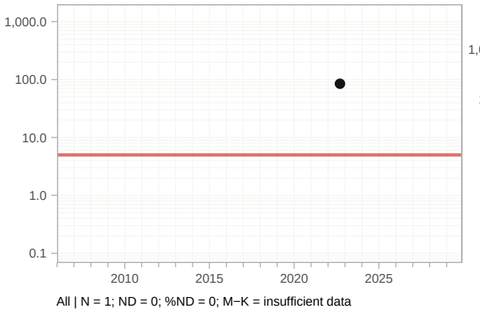
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

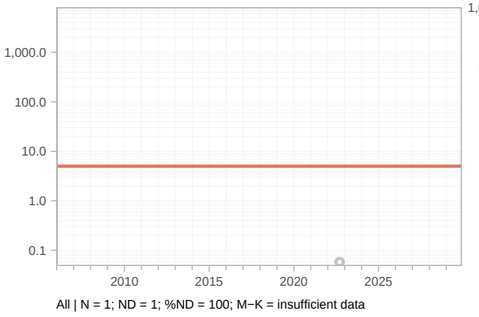
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

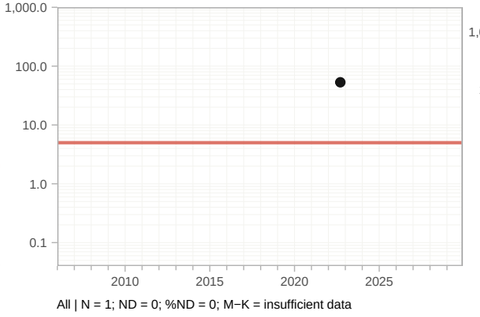
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

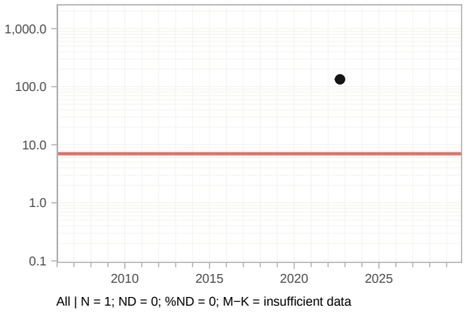
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

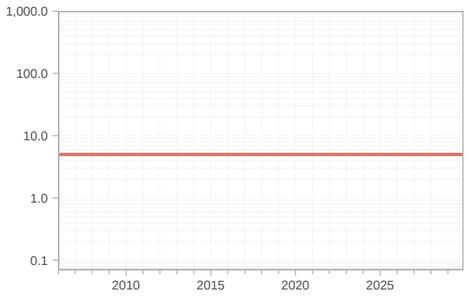
Chloroform (Trichloromethane) (ug/L)

NYS GWQS = 7 ug/L



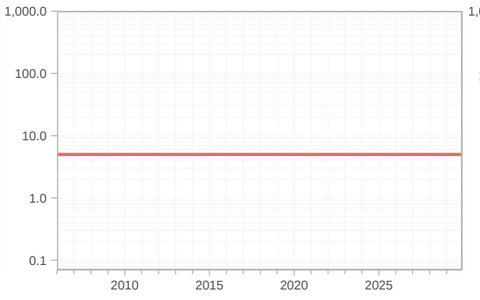
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane)



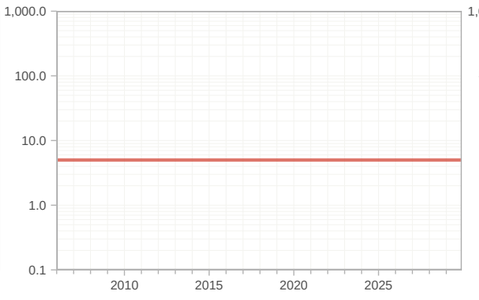
No Data

Chloromethane



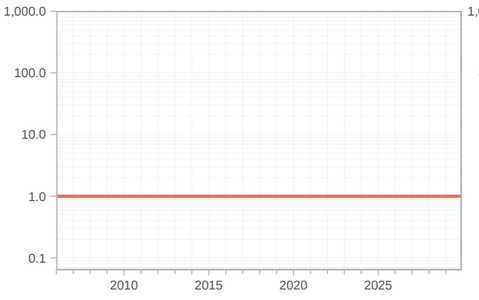
No Data

Trichloroethane (1,1,1−)



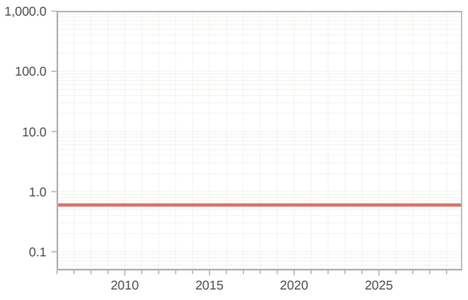
No Data

Trichloroethane (1,1,2−)



No Data

Dichloroethane (1,2−)



No Data

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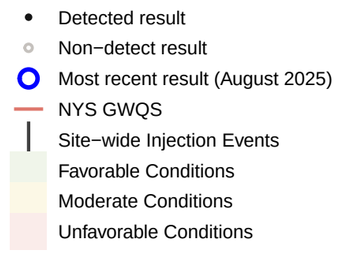
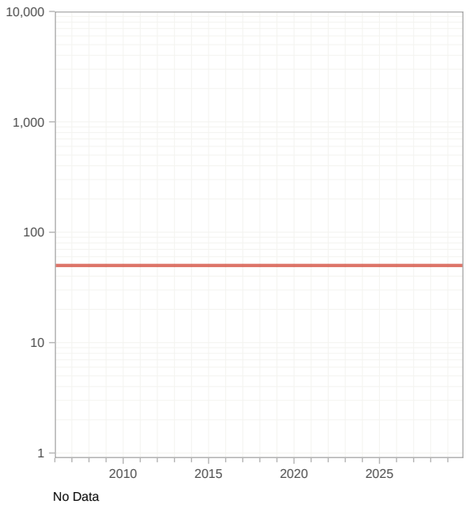


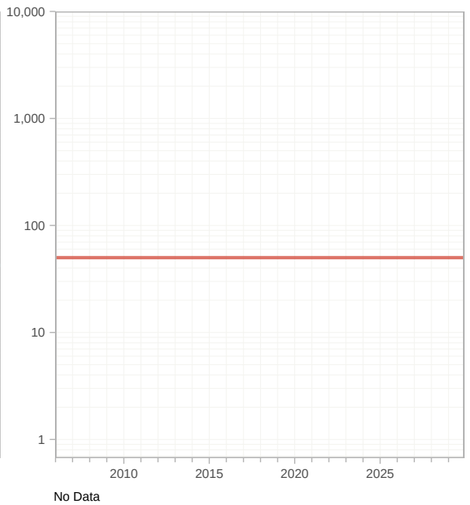
BP−42A (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone



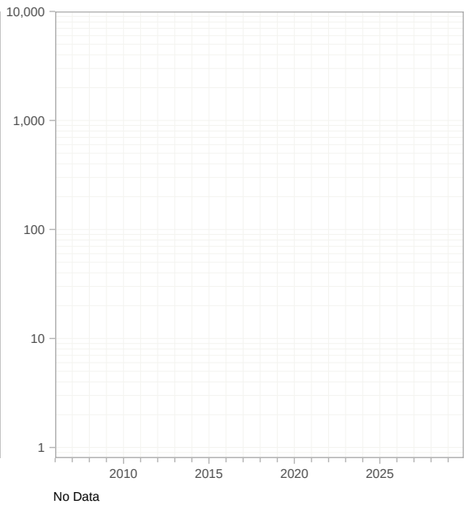
No Data

Butanone (2−) (MEK)



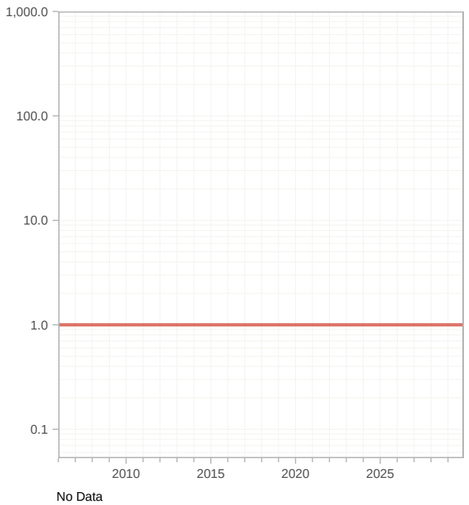
No Data

Methyl−2−pentanone (4−) (MIBK)



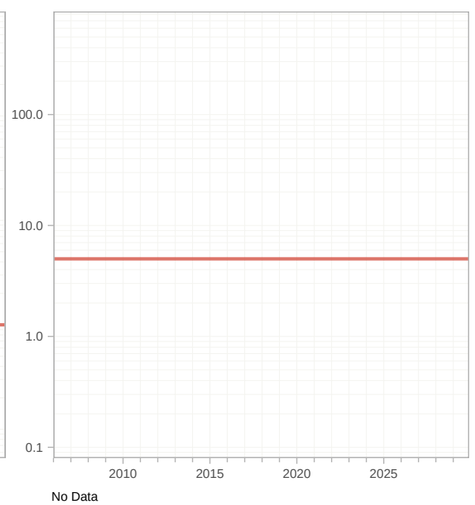
No Data

Benzene



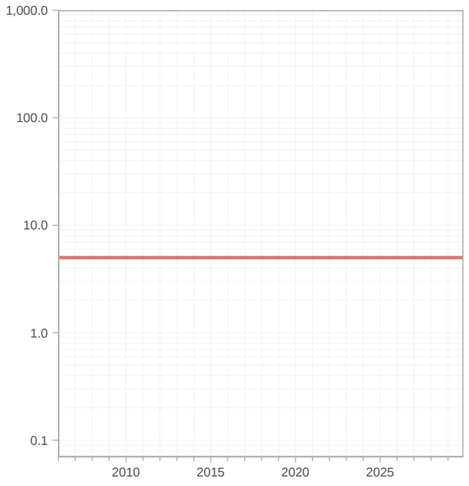
No Data

Toluene



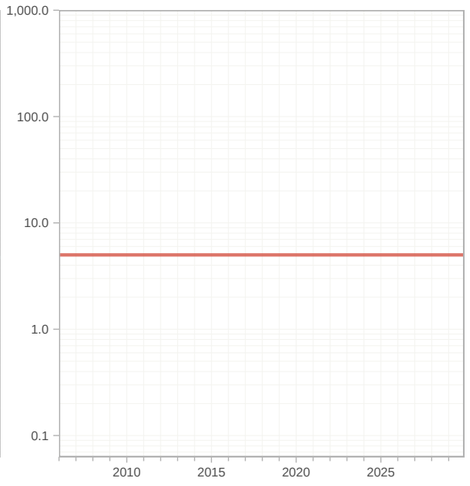
No Data

Ethylbenzene



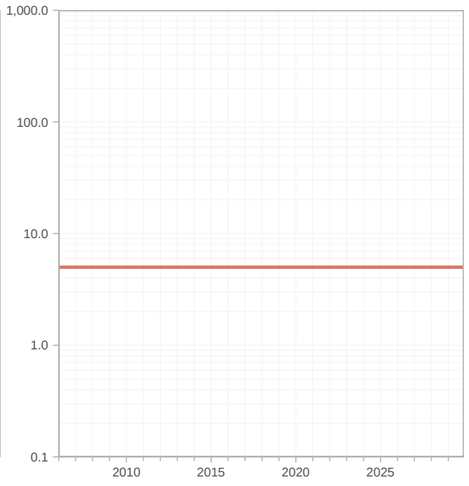
No Data

Isopropylbenzene (Cumene)



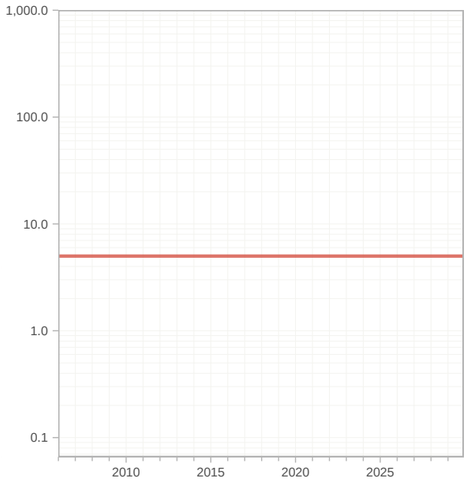
No Data

Xylene (m,p−)



No Data

Xylene (o−)



No Data

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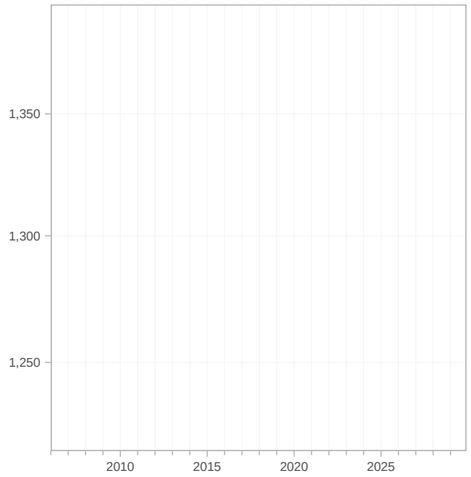
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

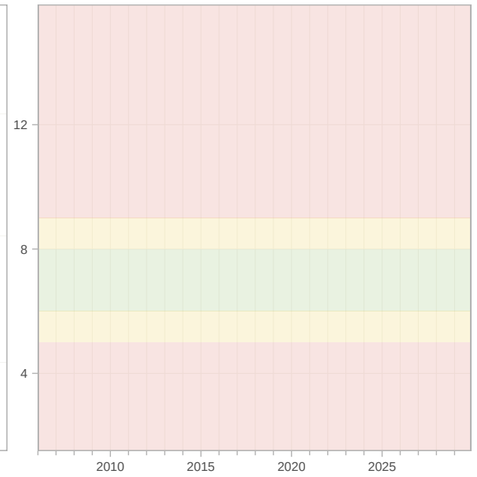
BP−42A (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



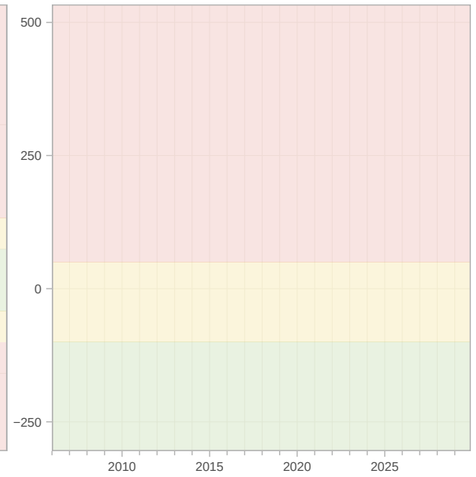
No Data

pH



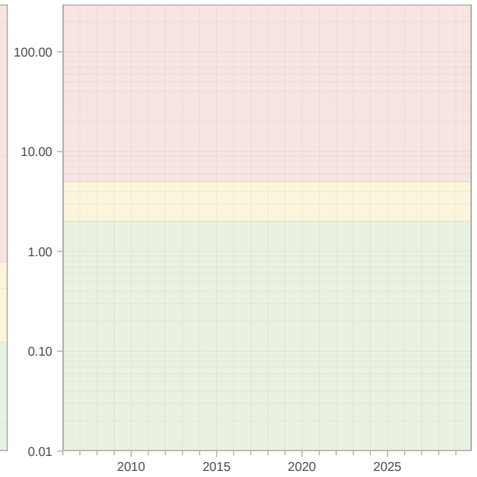
No Data

Oxidation/Reduction Potential



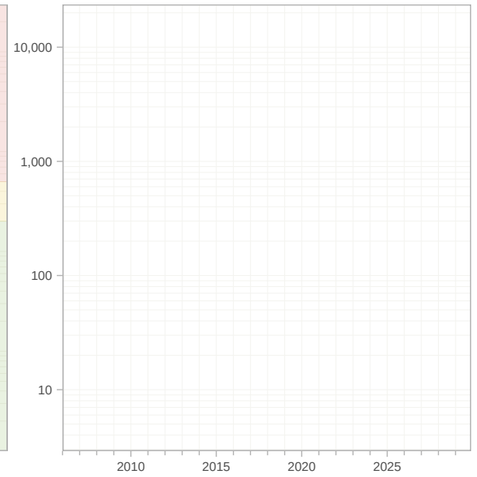
No Data

Dissolved Oxygen



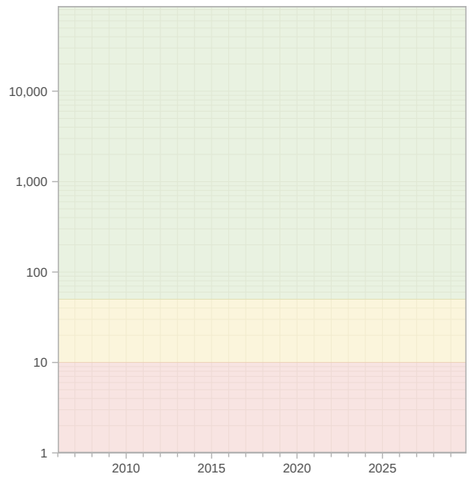
No Data

Specific Conductance



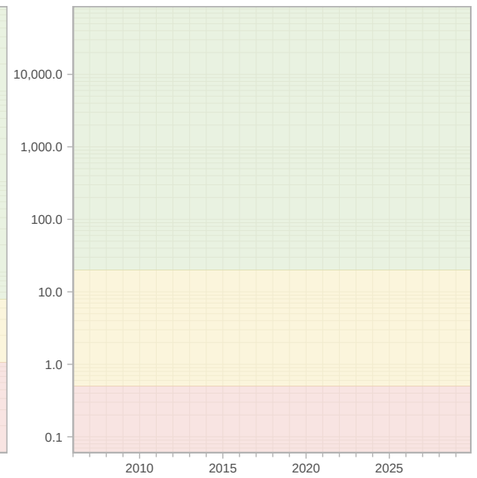
No Data

Sulfide



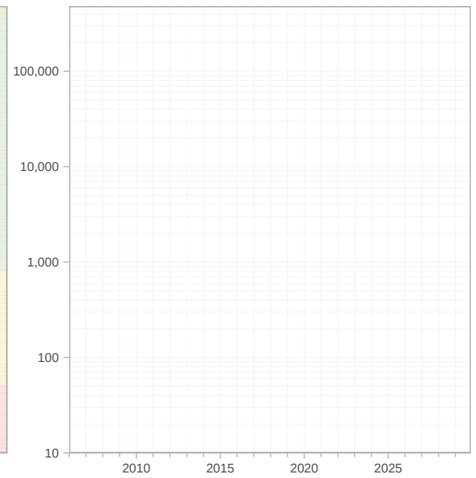
No Data

Methane



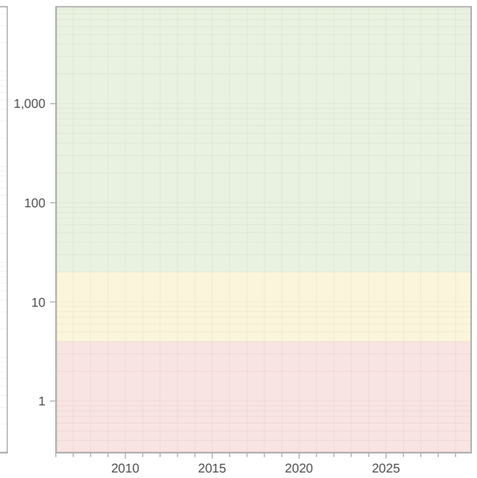
No Data

Iron − Ferrous



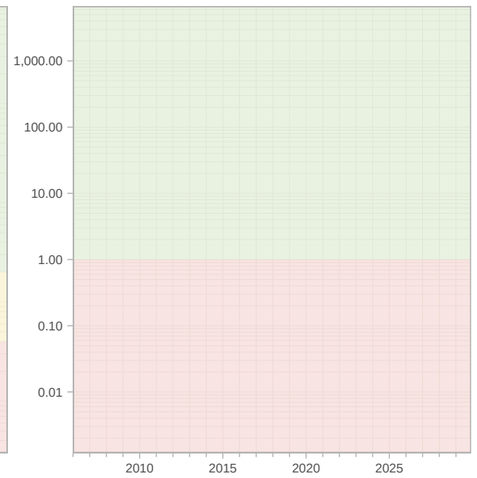
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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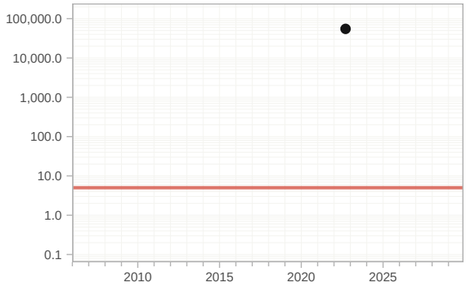
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−43A (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

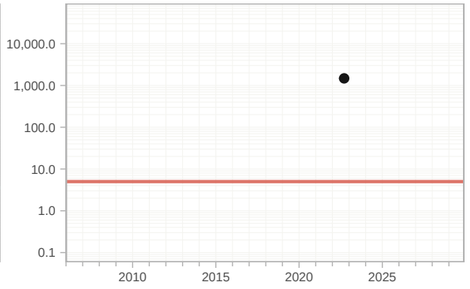
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

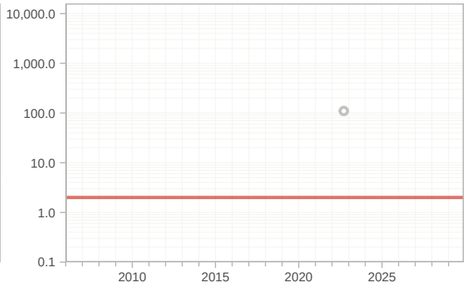
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

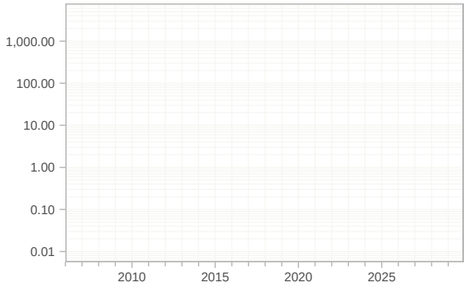
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethane + Ethene



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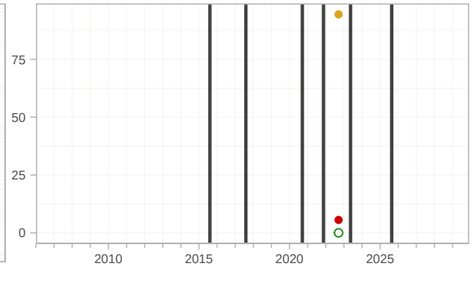
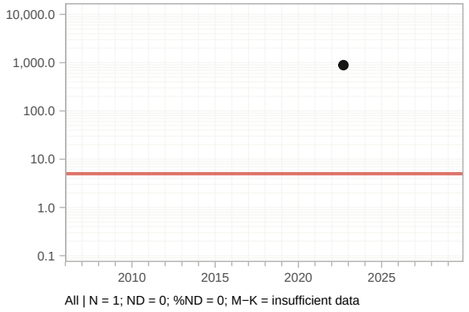
Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

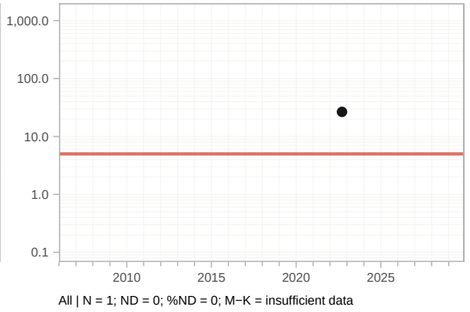
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

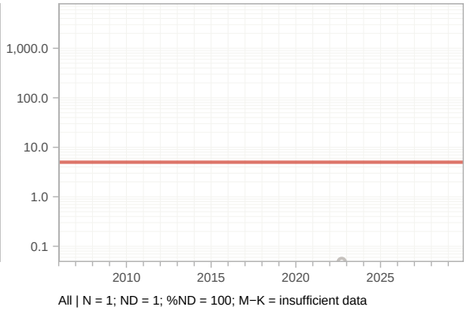
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

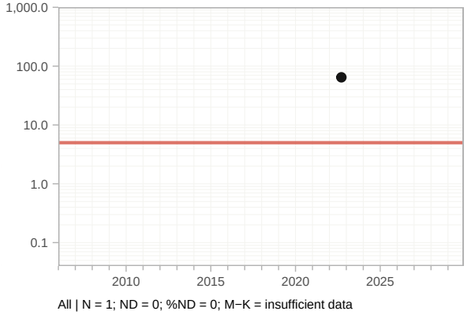
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

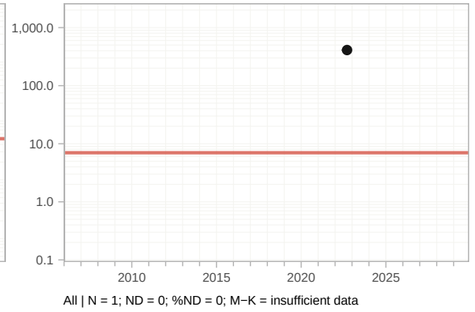
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

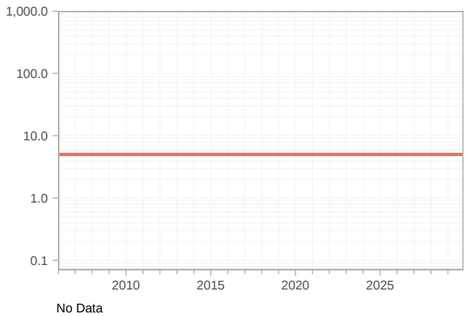
Chloroform (Trichloromethane) (ug/L)

NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane)



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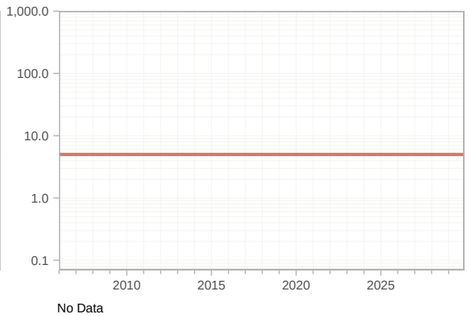
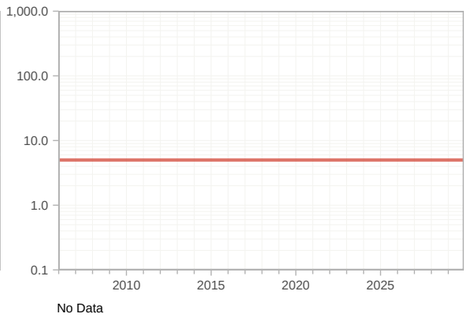
Chloromethane



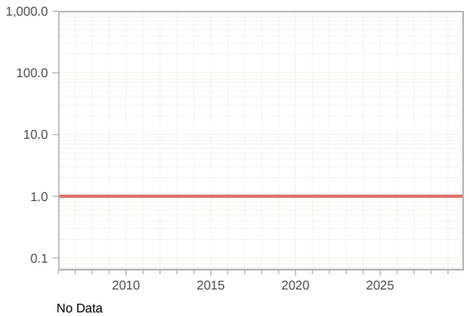
No Data

Trichloroethane (1,1,1−)



No Data

Trichloroethane (1,1,2−)



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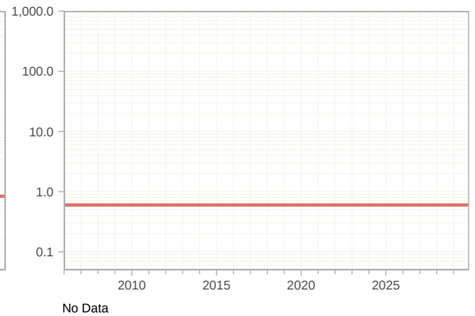
Dichloroethane (1,2−)



No Data

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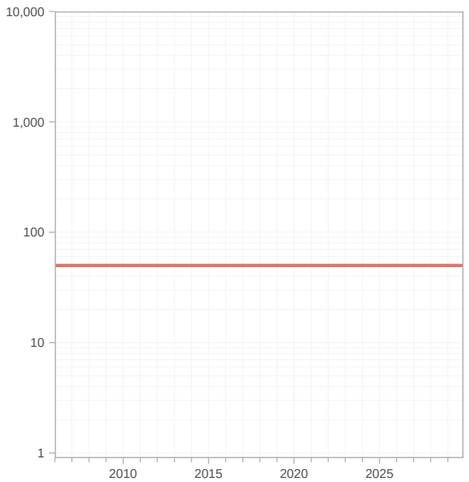
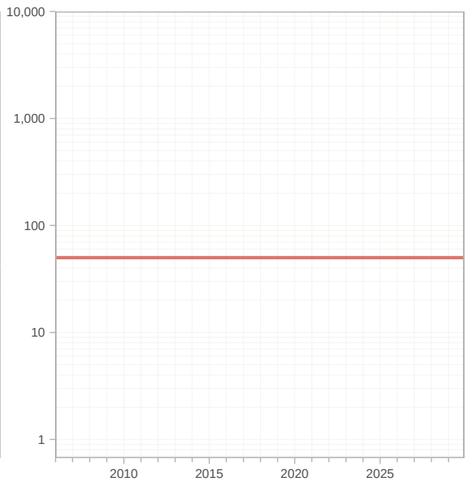
BP−43A (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone



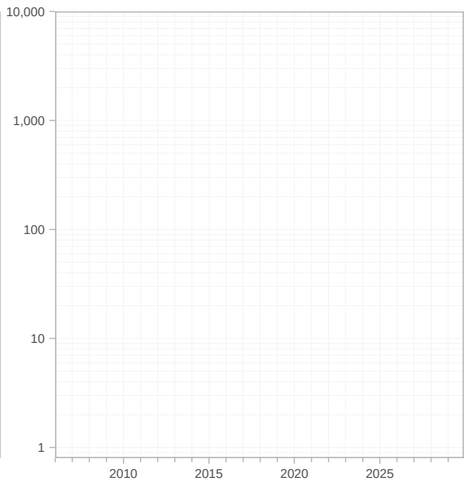
No Data

Butanone (2−) (MEK)



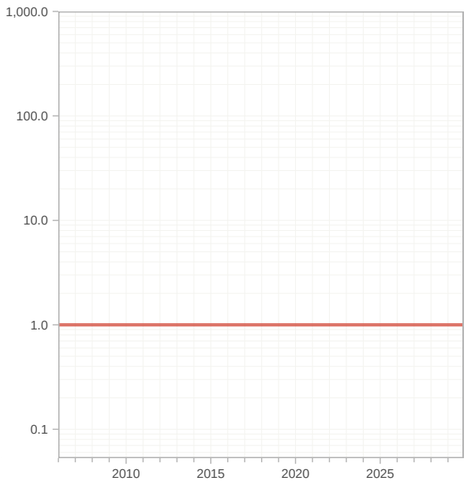
No Data

Methyl−2−pentanone (4−) (MIBK)



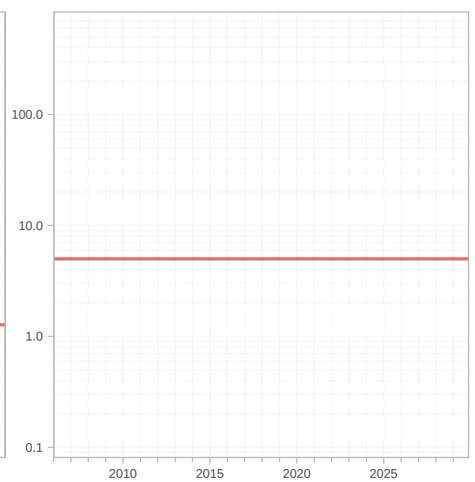
No Data

Benzene



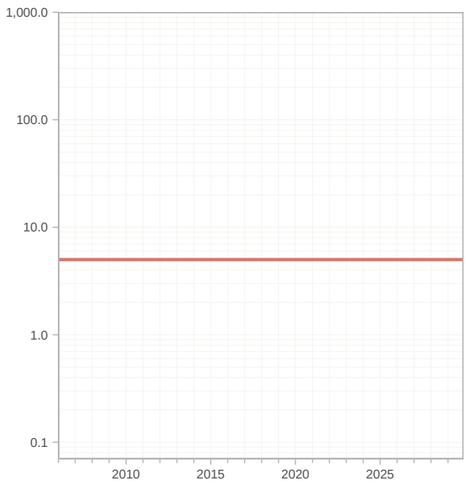
No Data

Toluene



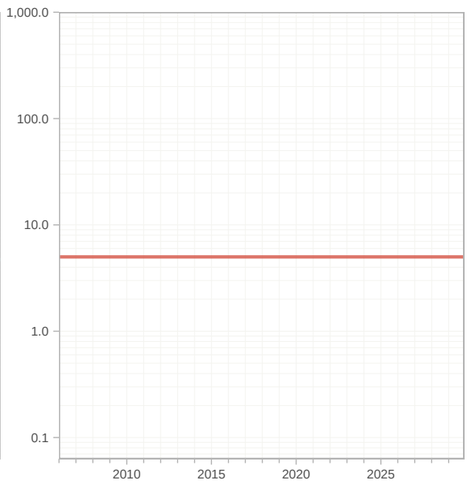
No Data

Ethylbenzene



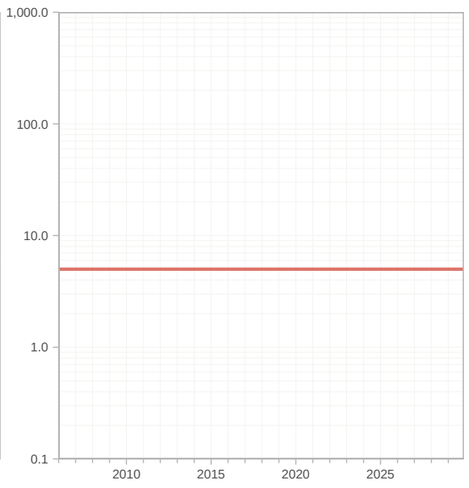
No Data

Isopropylbenzene (Cumene)



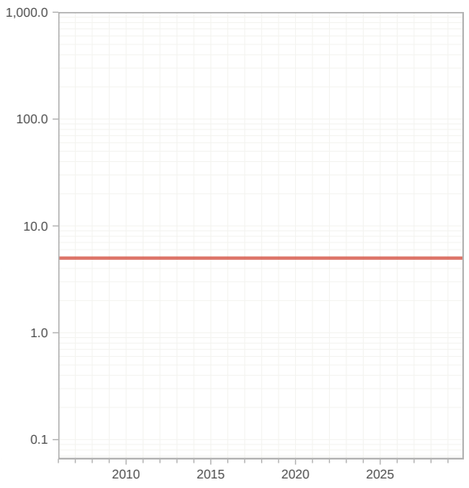
No Data

Xylene (m,p−)



No Data

Xylene (o−)



No Data

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- Site−wide Injection Events
- Favorable Conditions
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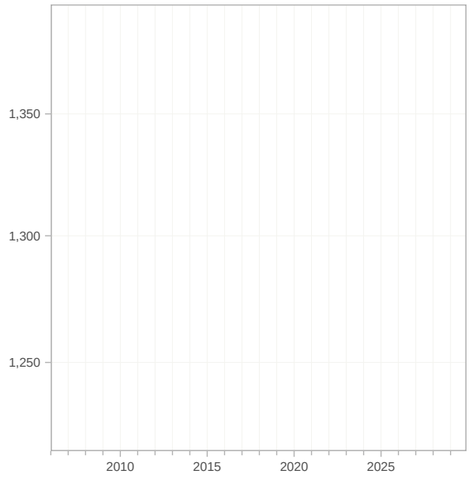
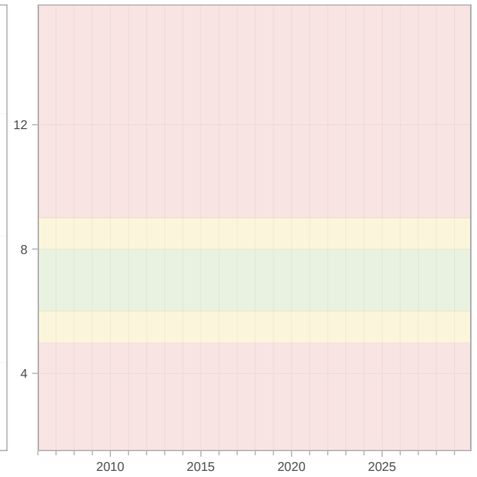
BP−43A (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



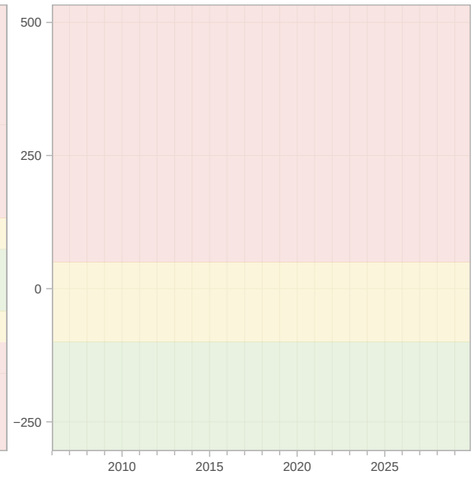
No Data

pH



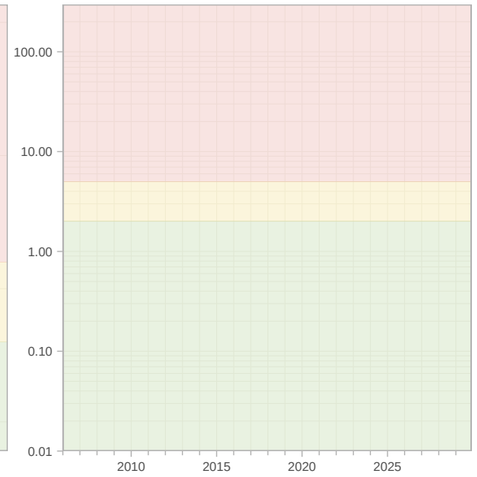
No Data

Oxidation/Reduction Potential



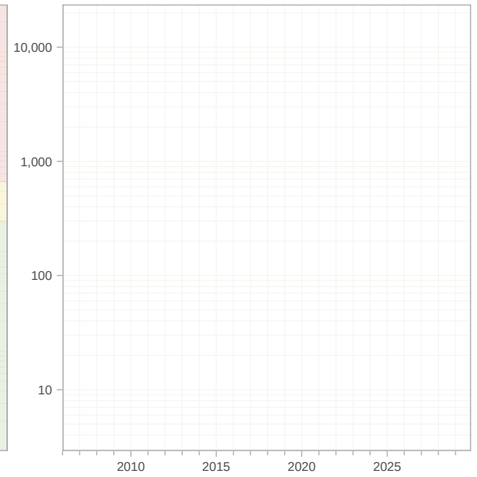
No Data

Dissolved Oxygen



No Data

Specific Conductance



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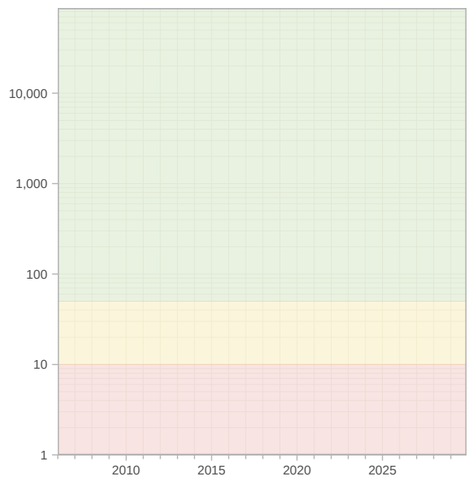
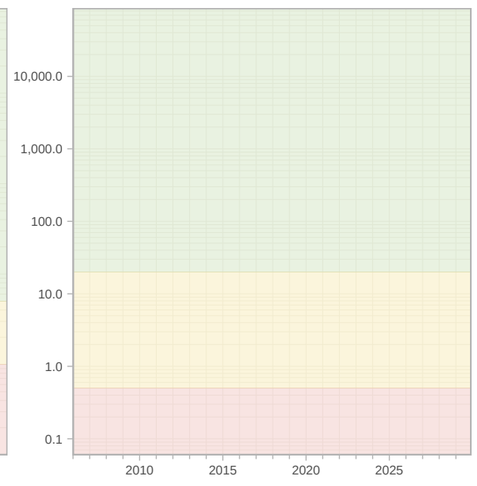
Sulfide



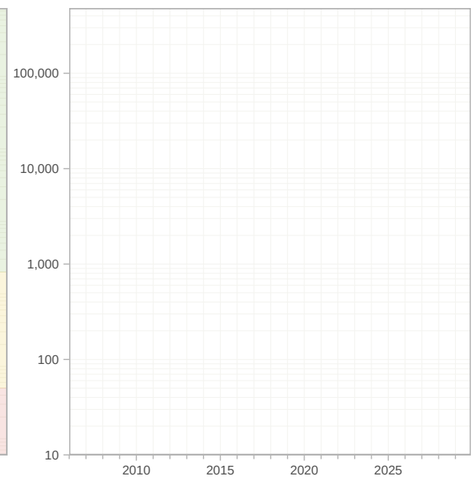
No Data

Methane



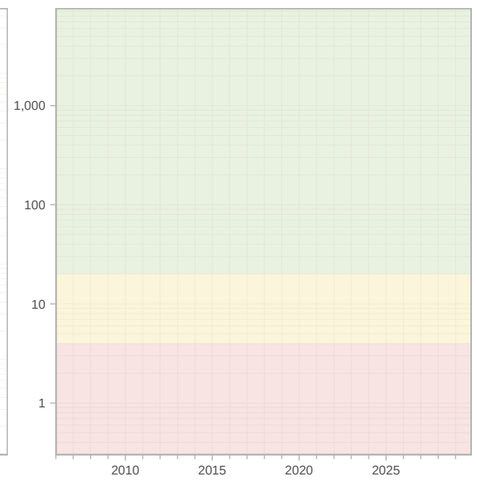
No Data

Iron − Ferrous



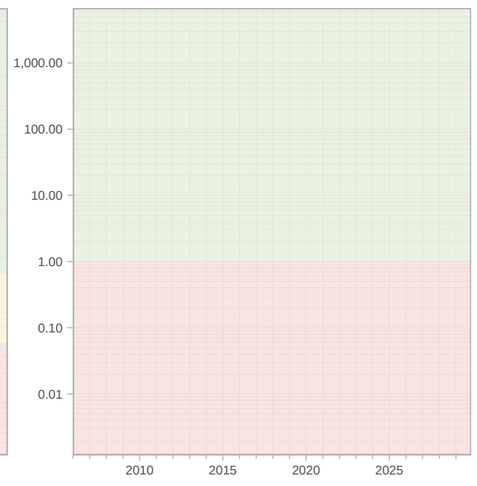
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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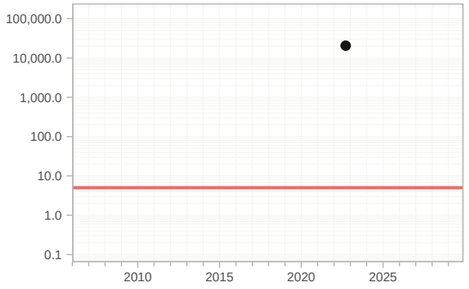
- Unfavorable Conditions

BP−44A (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

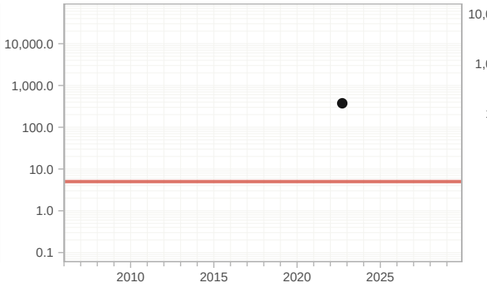
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

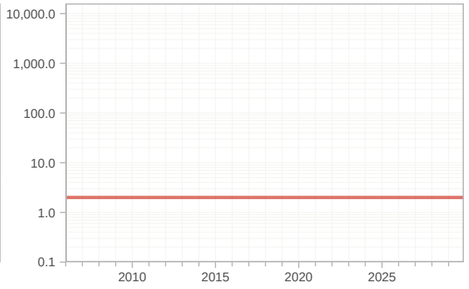
Dichloroethene (cis−1,2−) (ug/L)

NYS GWQS = 5 ug/L



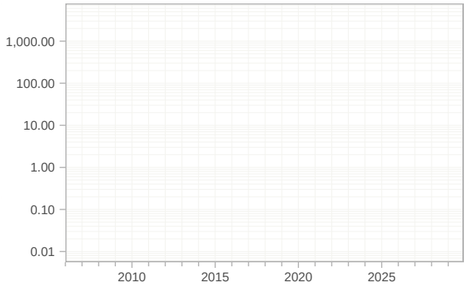
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Vinyl chloride



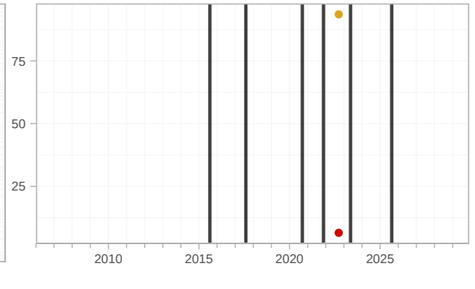
No Data

Ethane + Ethene



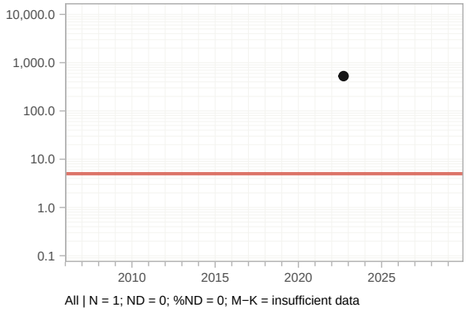
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

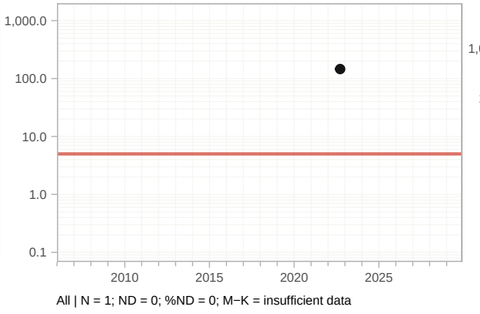
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

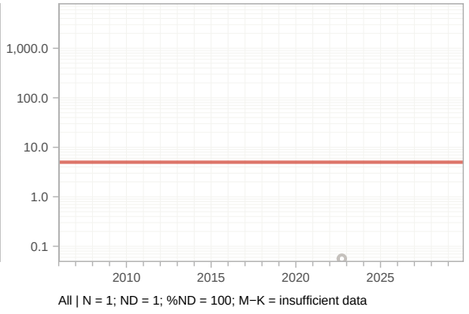
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

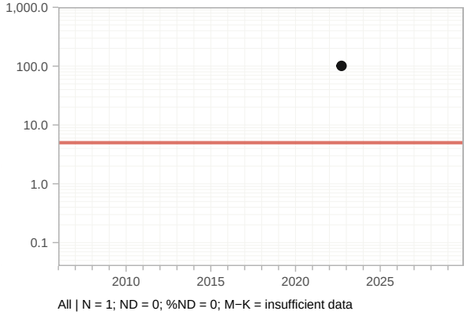
NYS GWQS = 5 ug/L



All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

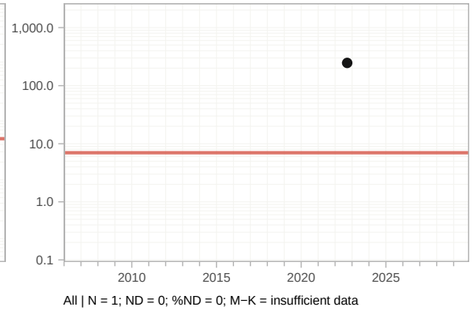
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

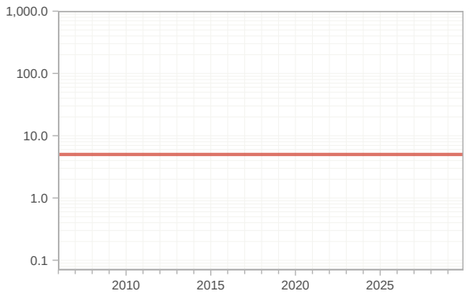
Chloroform (Trichloromethane) (ug/L)

NYS GWQS = 7 ug/L



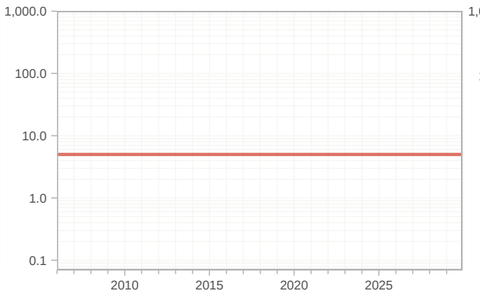
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane)



No Data

Chloromethane



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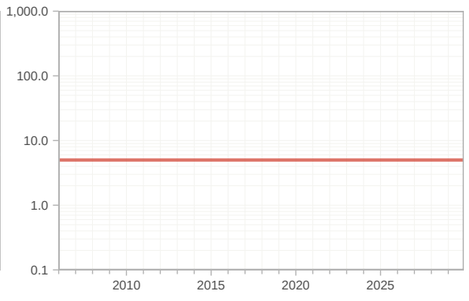
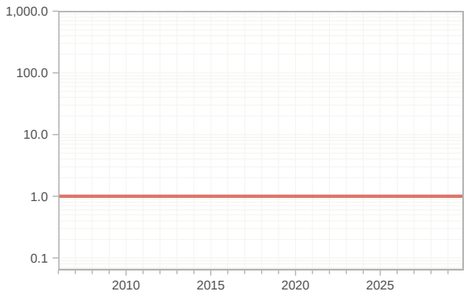
Trichloroethane (1,1,1−)



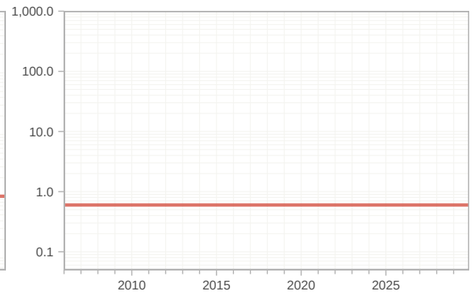
No Data

Trichloroethane (1,1,2−)



No Data

Dichloroethane (1,2−)



No Data

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- Detected result
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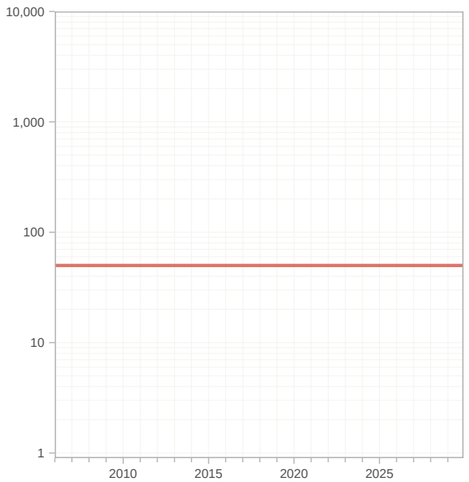
BP−44A (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone



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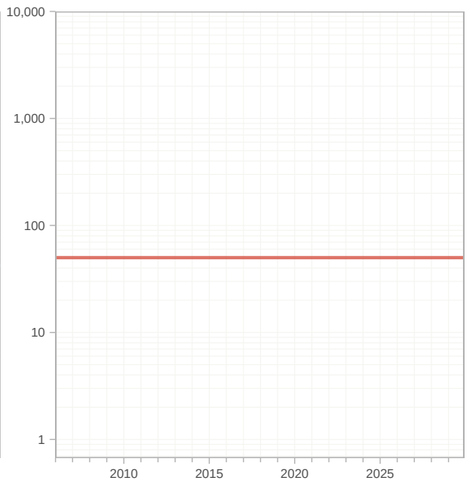
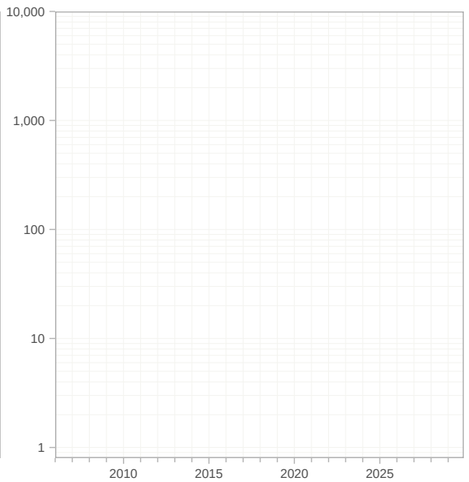
Butanone (2−) (MEK)



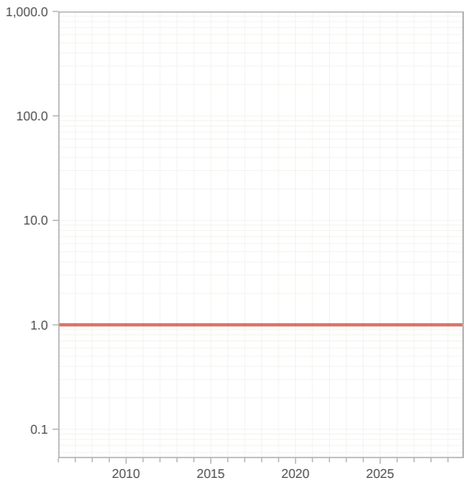
No Data

Methyl−2−pentanone (4−) (MIBK)



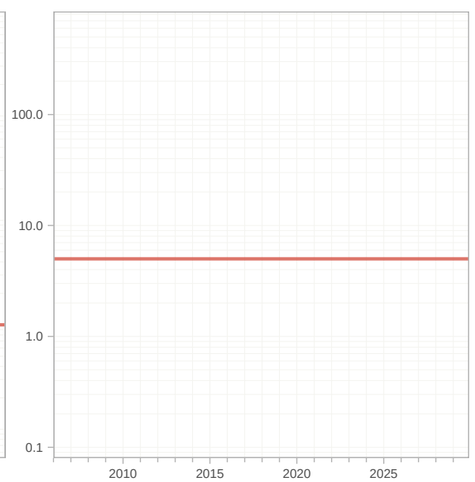
No Data

Benzene



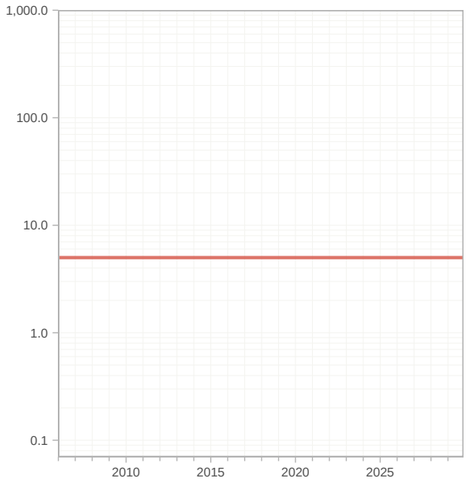
No Data

Toluene



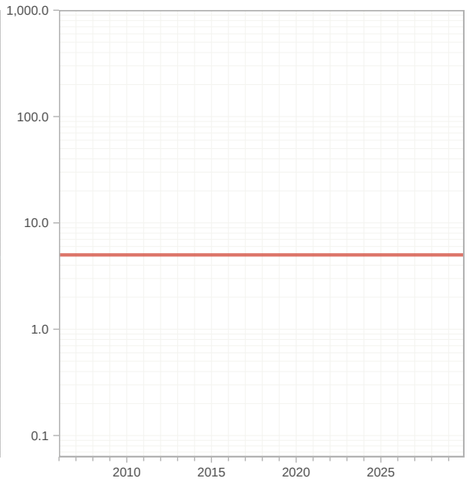
No Data

Ethylbenzene



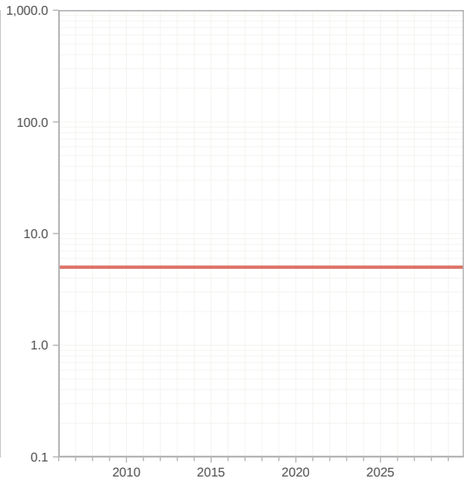
No Data

Isopropylbenzene (Cumene)



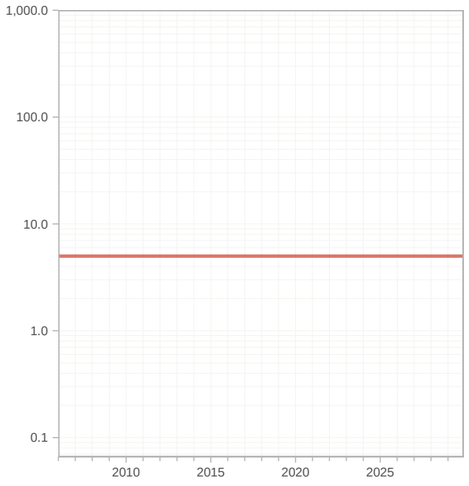
No Data

Xylene (m,p−)



No Data

Xylene (o−)



No Data

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- Site−wide Injection Events
- Favorable Conditions
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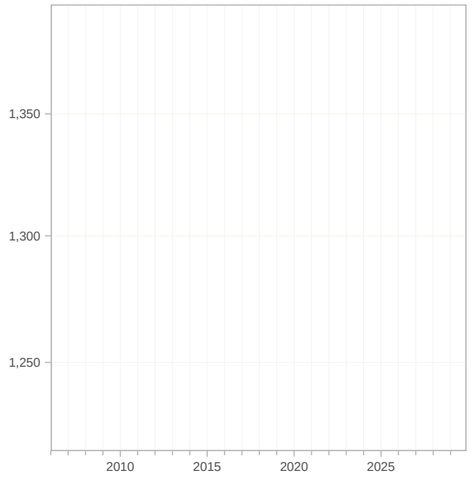
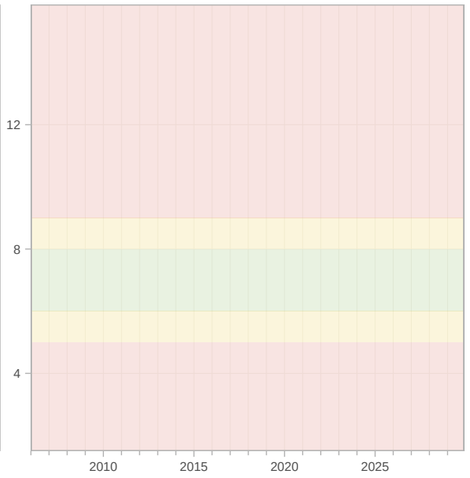
BP−44A (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



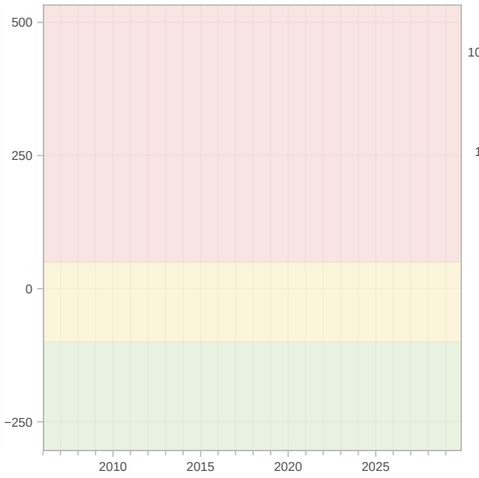
No Data

pH



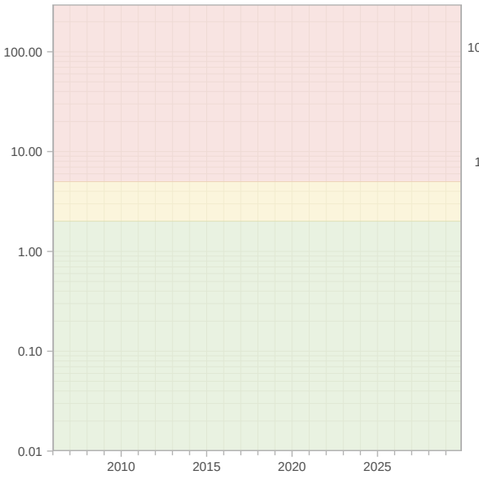
No Data

Oxidation/Reduction Potential



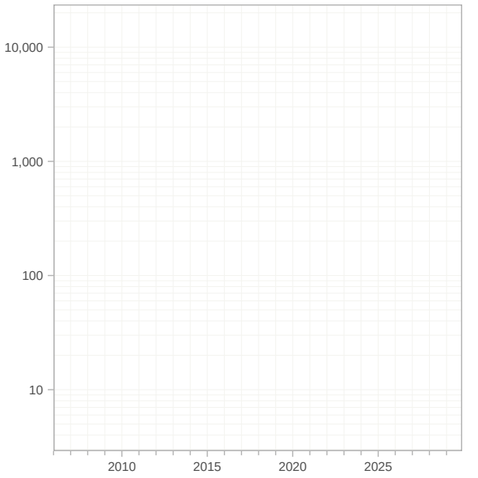
No Data

Dissolved Oxygen



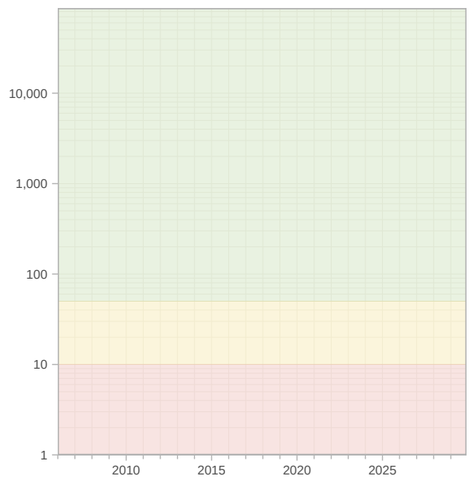
No Data

Specific Conductance



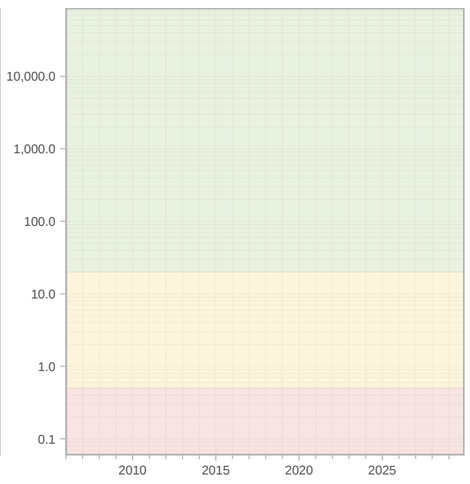
No Data

Sulfide



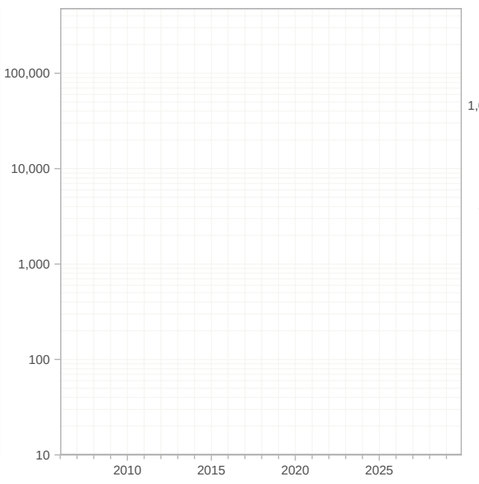
No Data

Methane



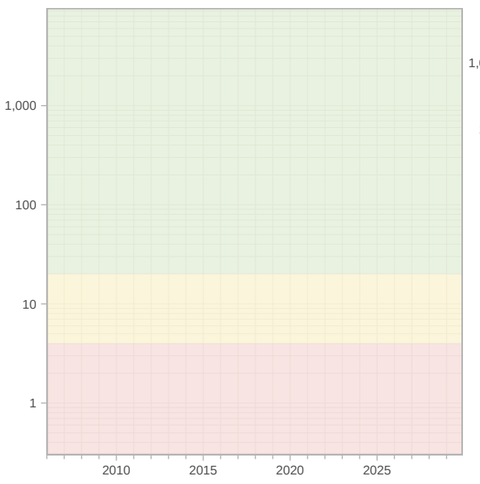
No Data

Iron − Ferrous



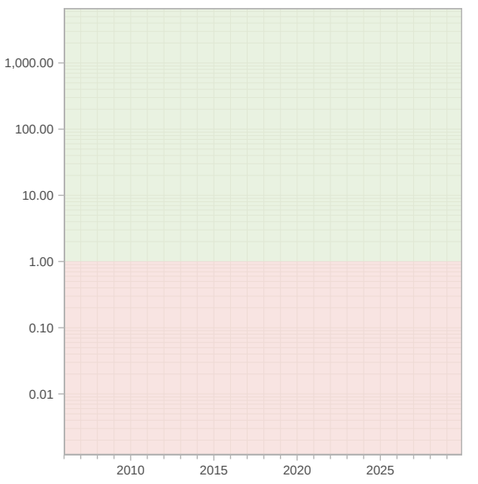
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
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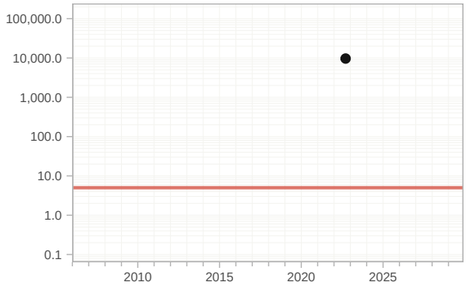
- Unfavorable Conditions

BP−45A (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

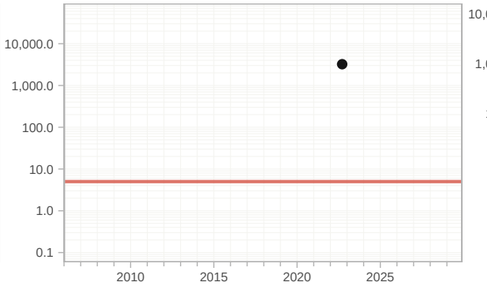
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

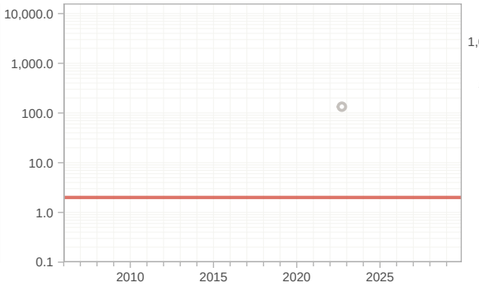
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

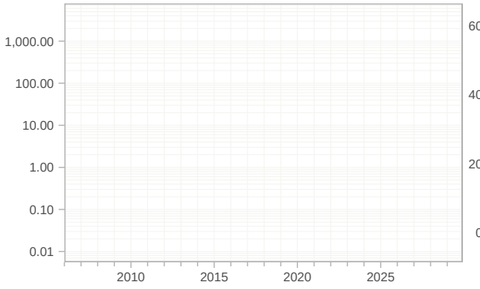
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



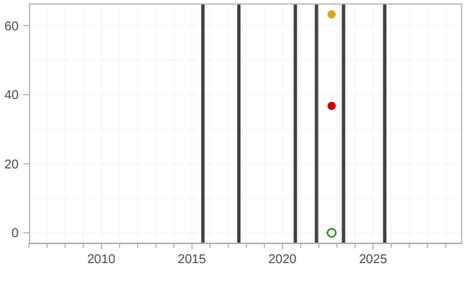
All | N = 1; ND = 1; %ND = 100; M−K = insufficient data

Ethane + Ethene



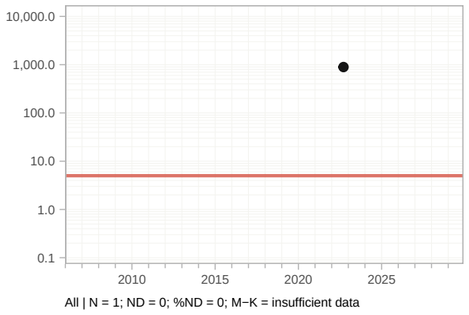
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

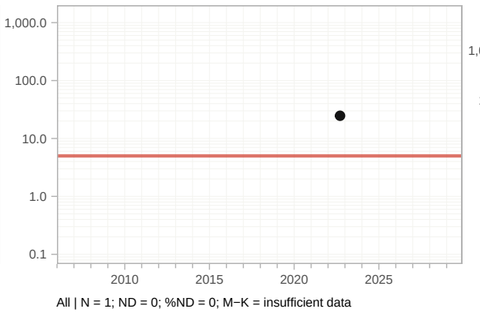
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

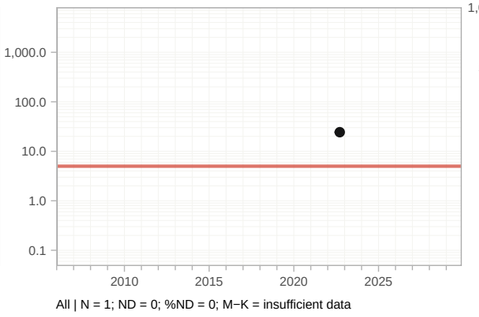
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

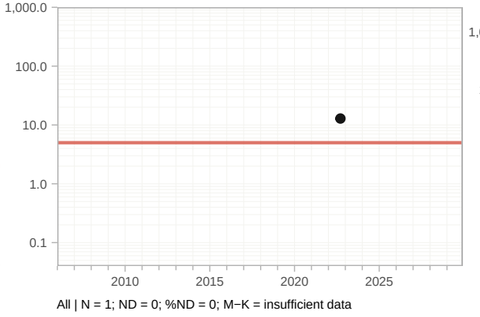
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Carbon tetrachloride (ug/L)

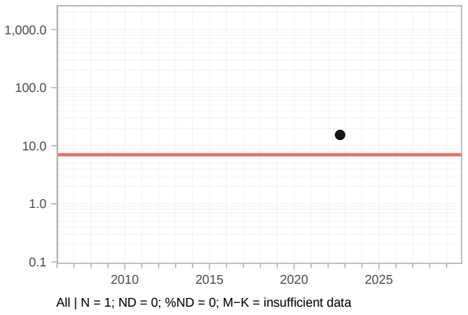
NYS GWQS = 5 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

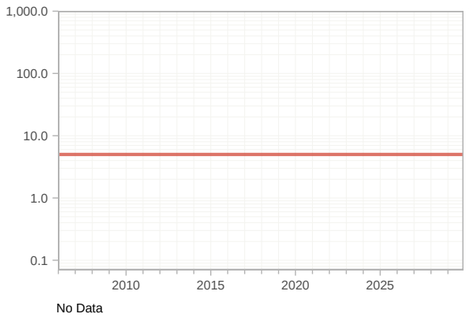
Chloroform (Trichloromethane) (ug/L)

NYS GWQS = 7 ug/L



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methylene Chloride (Dichloromethane)



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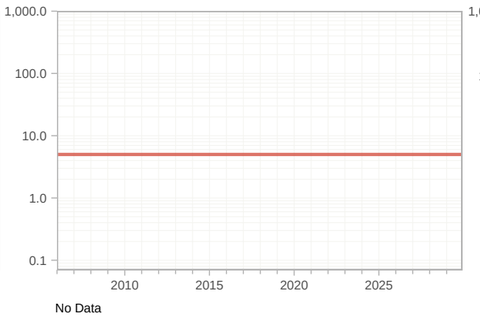
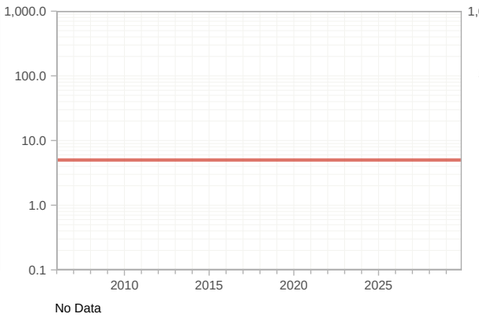
Chloromethane



No Data

Trichloroethane (1,1,1−)



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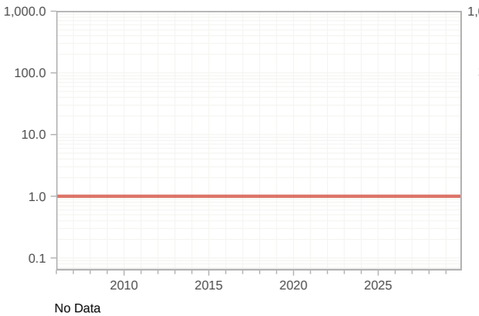
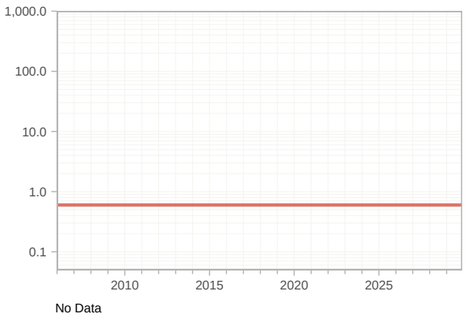
Trichloroethane (1,1,2−)



No Data

Dichloroethane (1,2−)



No Data

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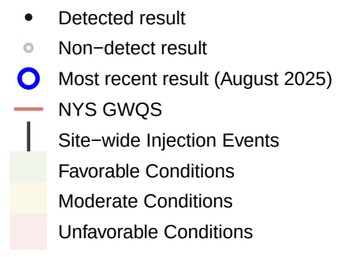
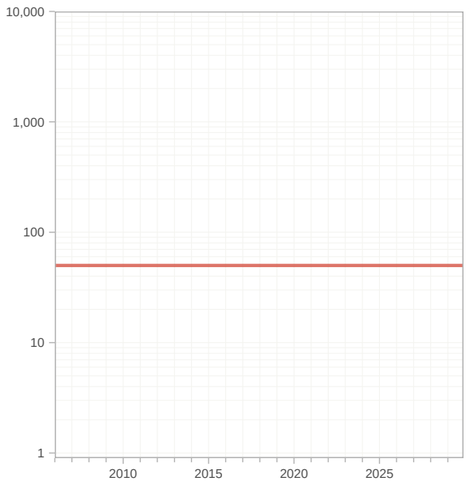


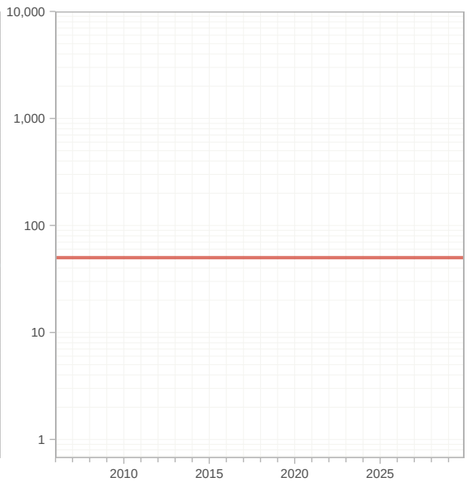
BP−45A (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone



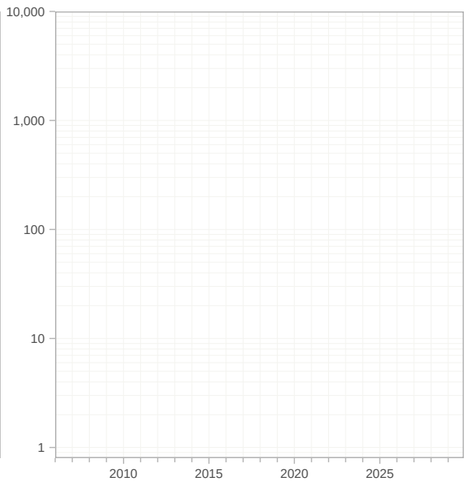
No Data

Butanone (2−) (MEK)



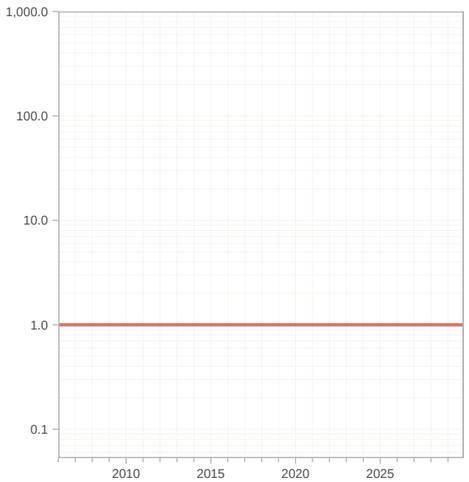
No Data

Methyl−2−pentanone (4−) (MIBK)



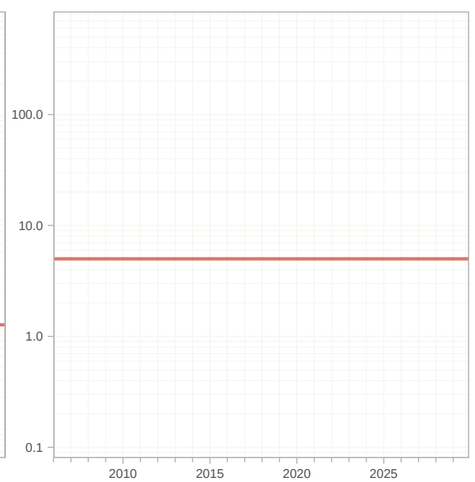
No Data

Benzene



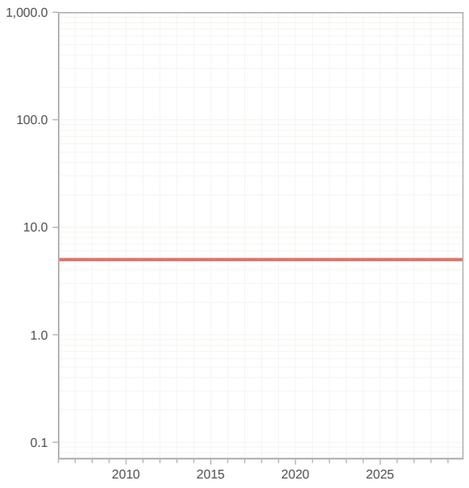
No Data

Toluene



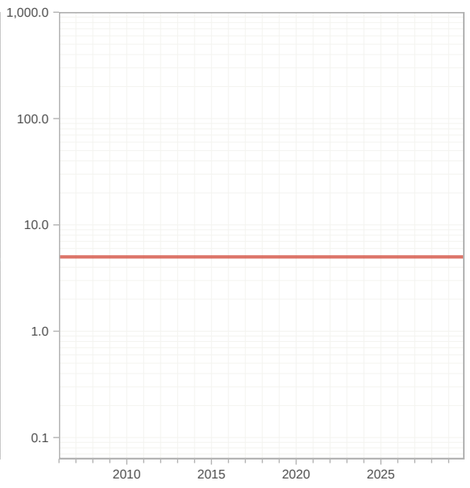
No Data

Ethylbenzene



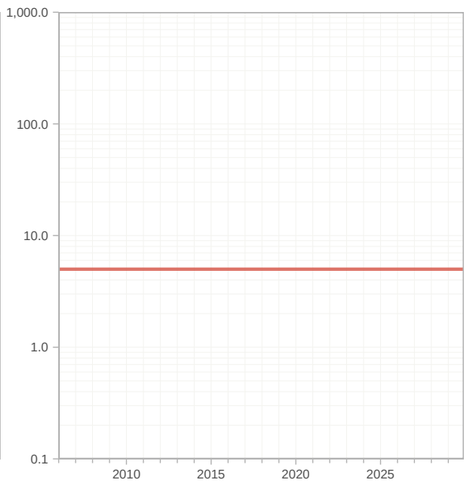
No Data

Isopropylbenzene (Cumene)



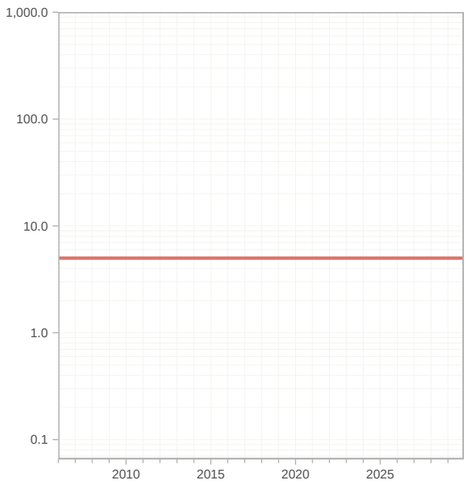
No Data

Xylene (m,p−)



No Data

Xylene (o−)



No Data

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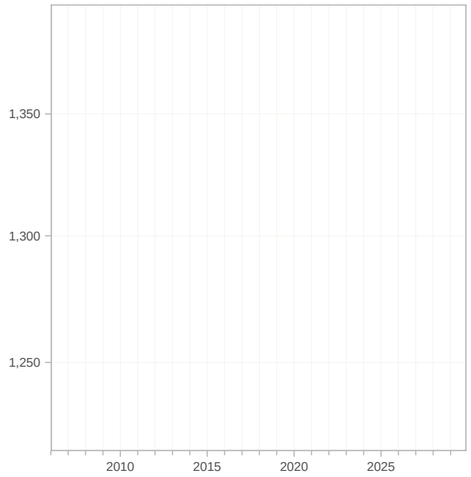
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

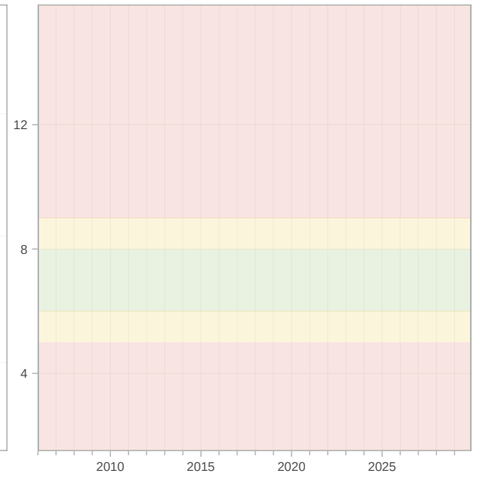
BP−45A (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



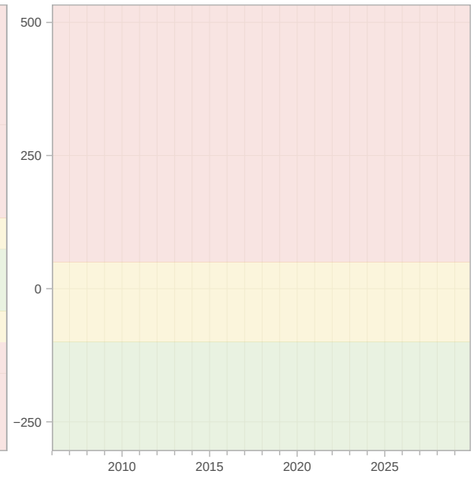
No Data

pH



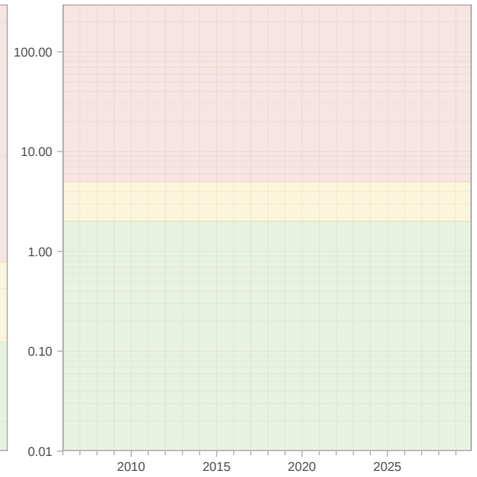
No Data

Oxidation/Reduction Potential



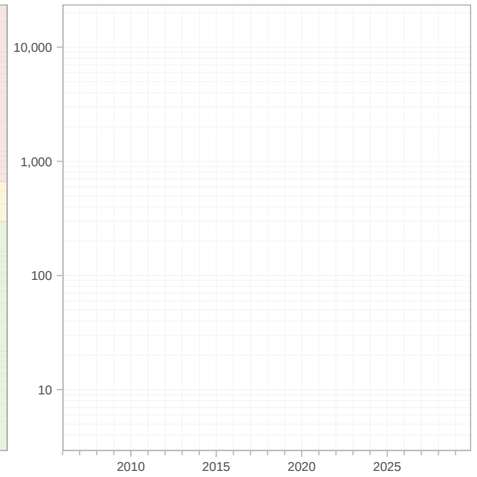
No Data

Dissolved Oxygen



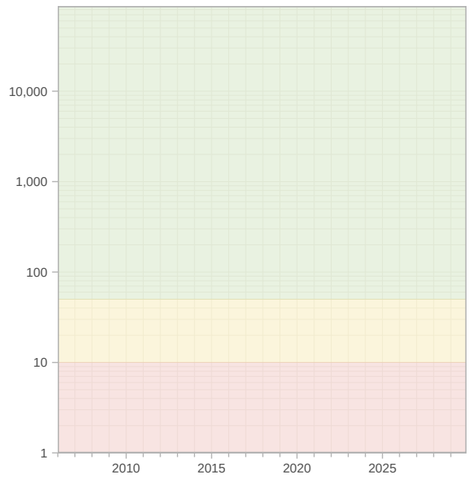
No Data

Specific Conductance



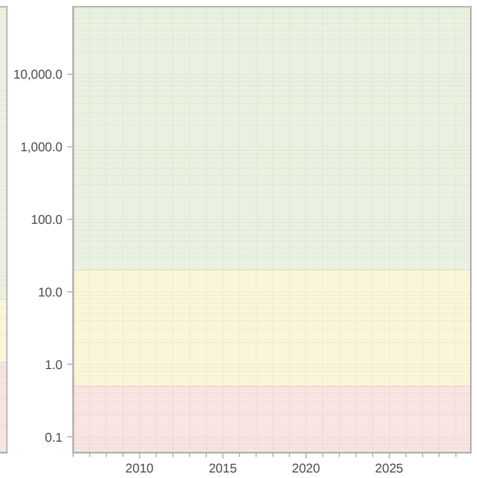
No Data

Sulfide



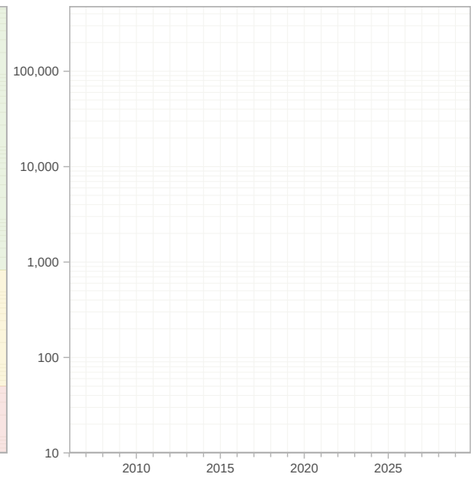
No Data

Methane



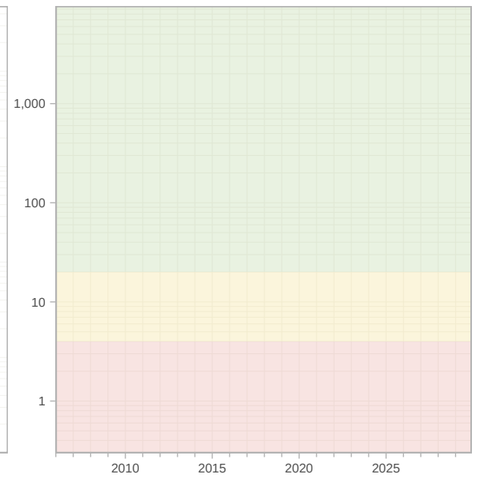
No Data

Iron − Ferrous



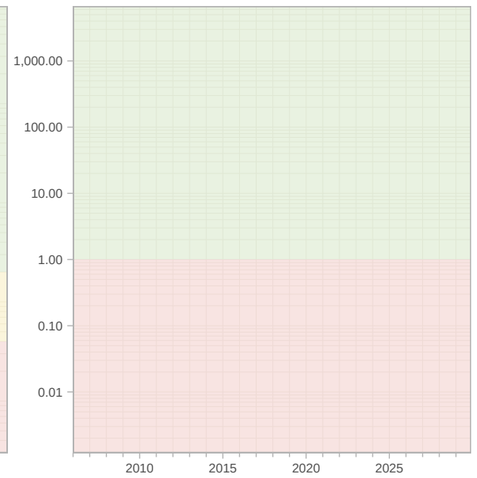
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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- Detected result
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- NYS GWQS
- Site−wide Injection Events
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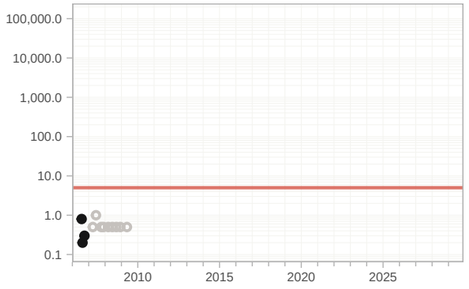
BP−5 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

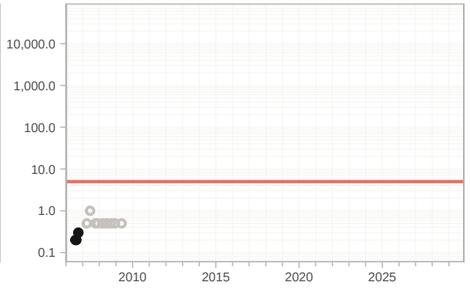
NYS GWQS = 5 ug/L



All | N = 12; ND = 9; %ND = 75; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

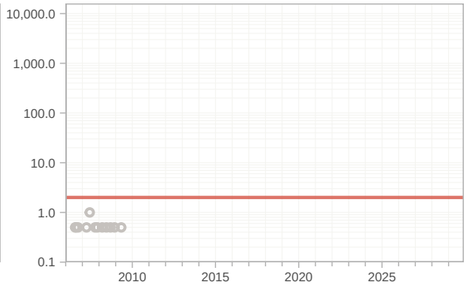
NYS GWQS = 5 ug/L



All | N = 12; ND = 9; %ND = 75; M−K = no trend

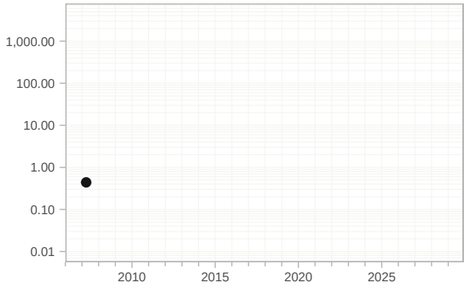
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



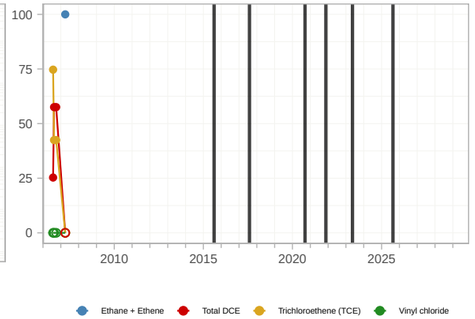
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Ethane + Ethene (ug/L)



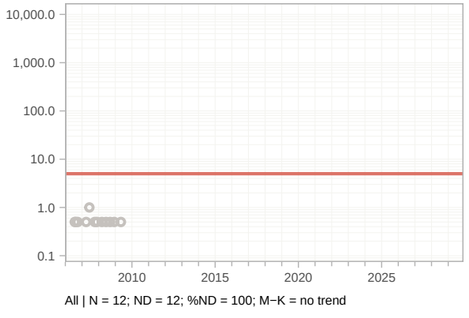
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

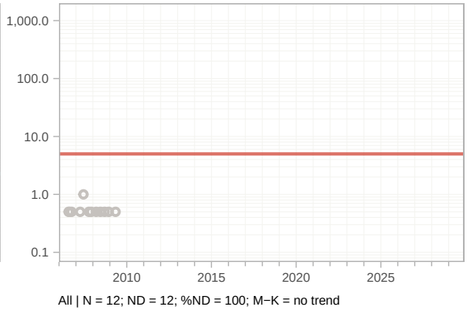
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

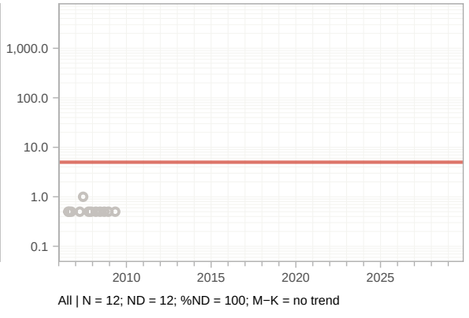
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

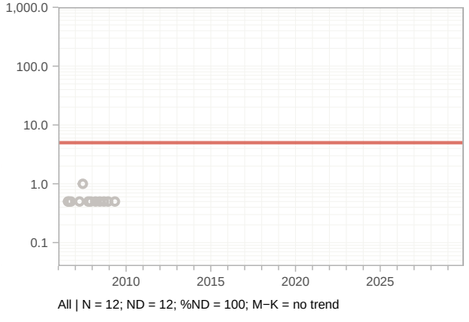
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

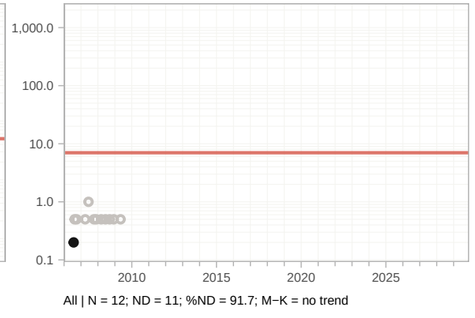
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

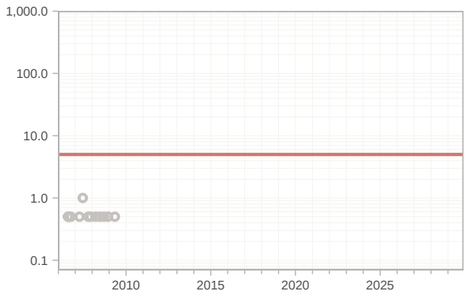
NYS GWQS = 7 ug/L



All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

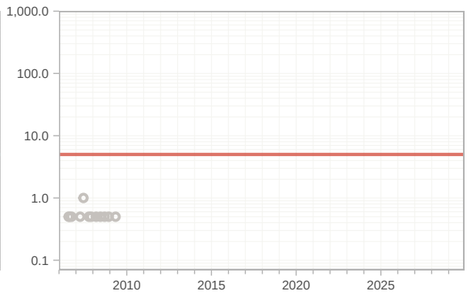
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Chloromethane (ug/L)

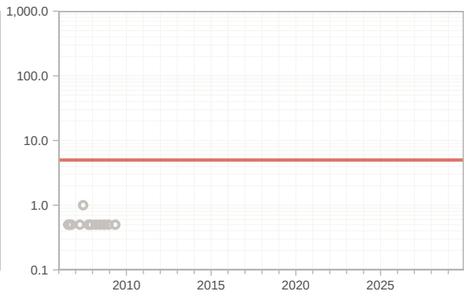
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

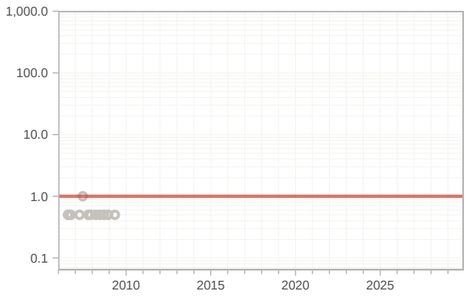
NYS GWQS = 5 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

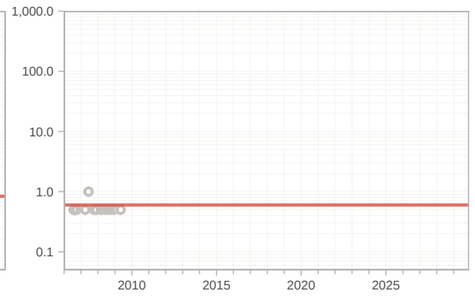
NYS GWQS = 1 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 12; ND = 12; %ND = 100; M−K = no trend

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- Favorable Conditions
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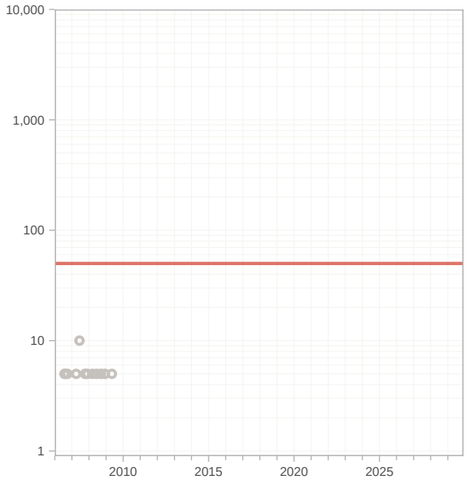
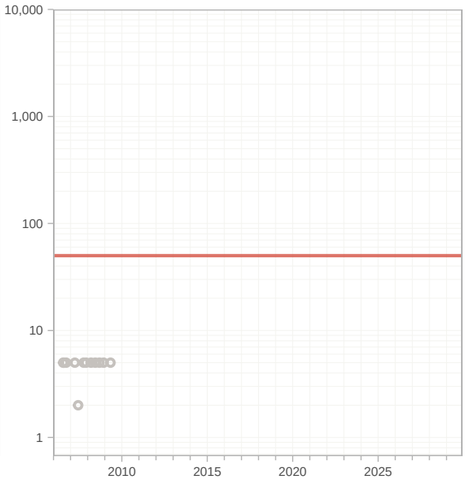
BP−5 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



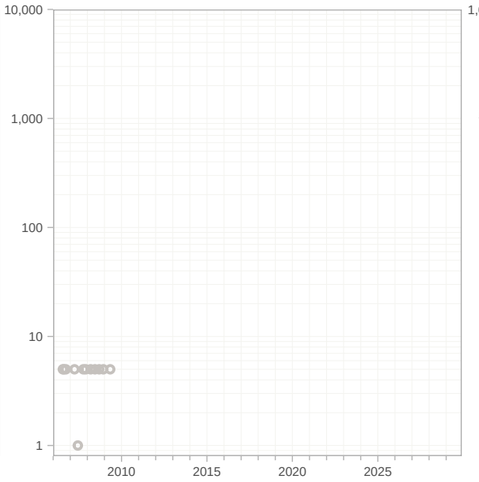
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Butanone (2−) (MEK) (ug/L)



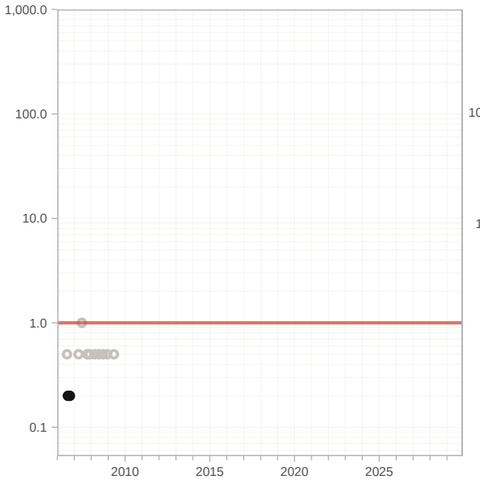
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



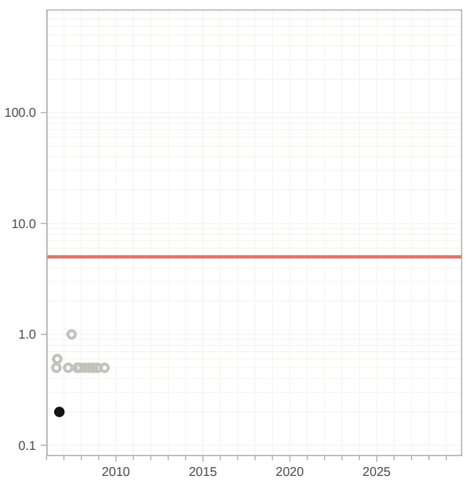
All | N = 12; ND = 12; %ND = 100; M−K = no trend

Benzene (ug/L)



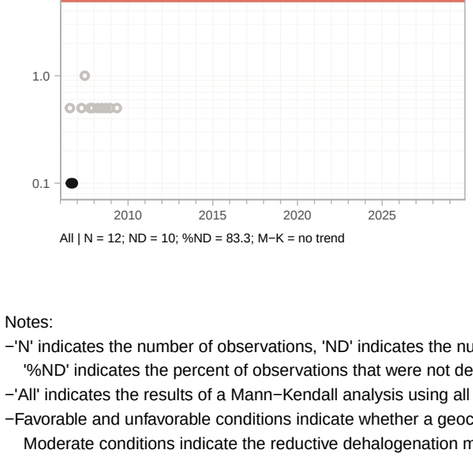
All | N = 12; ND = 10; %ND = 83.3; M−K = no trend

Toluene (ug/L)



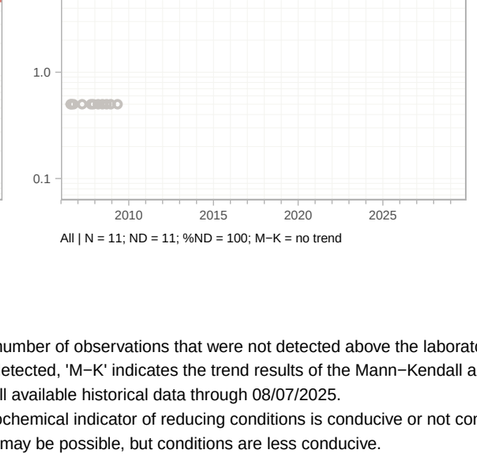
All | N = 12; ND = 11; %ND = 91.7; M−K = no trend

Ethylbenzene (ug/L)



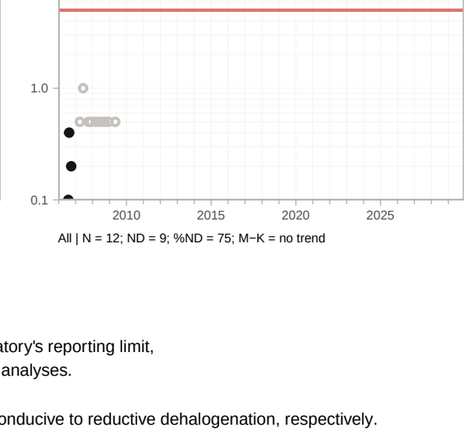
All | N = 12; ND = 10; %ND = 83.3; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



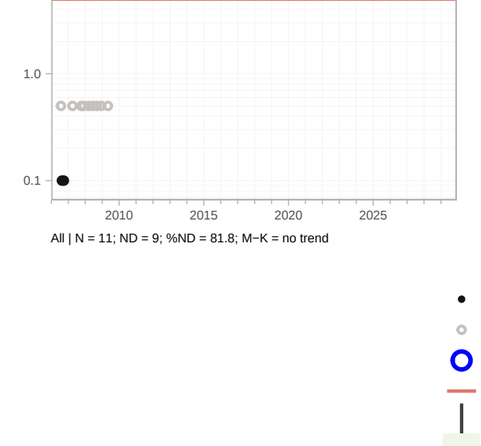
All | N = 11; ND = 11; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 12; ND = 9; %ND = 75; M−K = no trend

Xylene (o−) (ug/L)



All | N = 11; ND = 9; %ND = 81.8; M−K = no trend

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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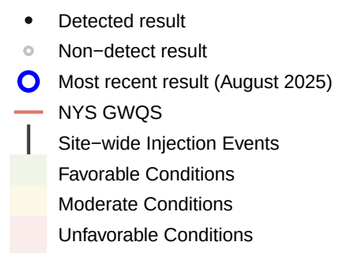
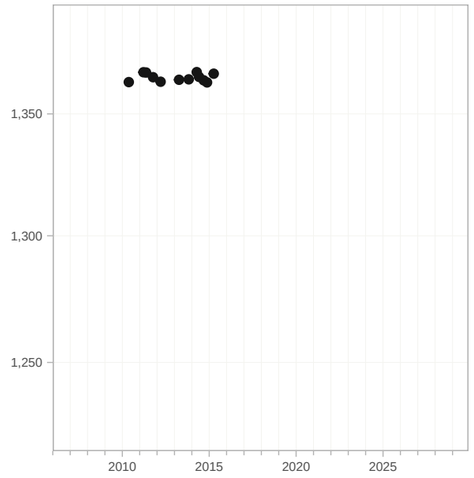
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



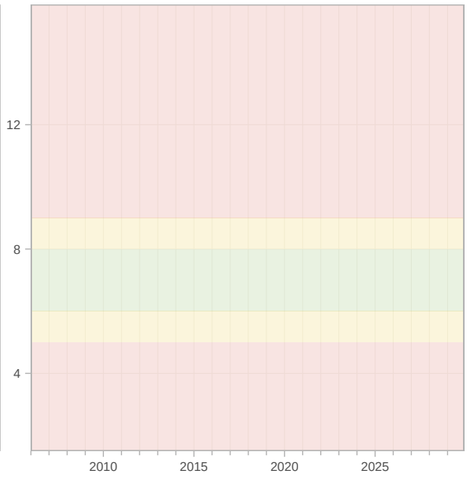
BP−5 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



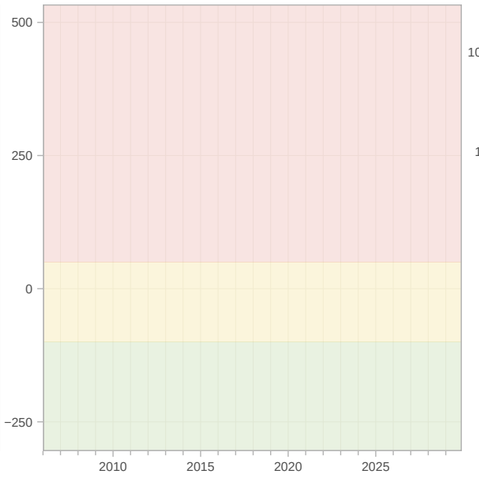
All | N = 12; ND = 0; %ND = 0; M−K = stable

pH



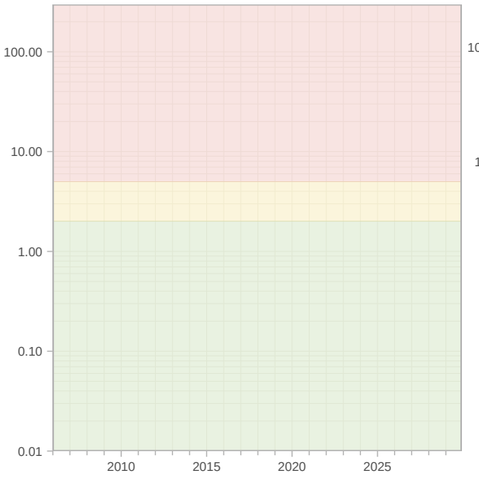
No Data

Oxidation/Reduction Potential



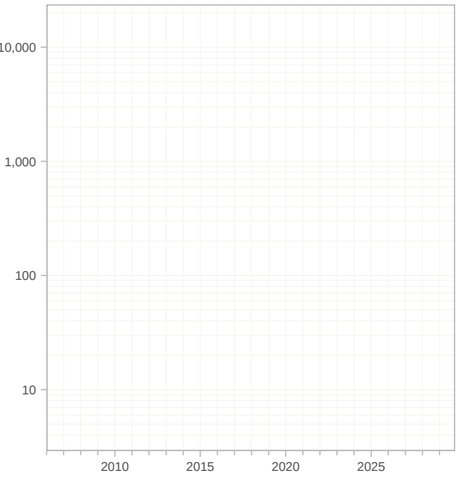
No Data

Dissolved Oxygen



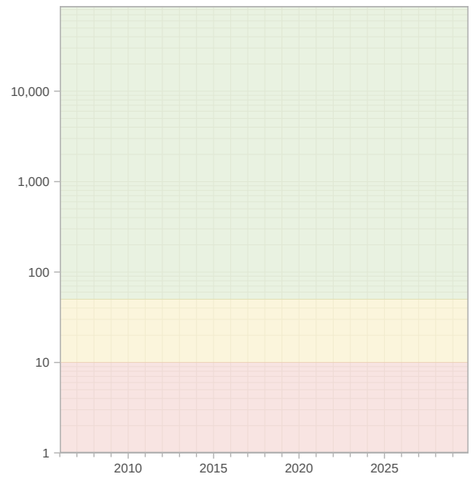
No Data

Specific Conductance



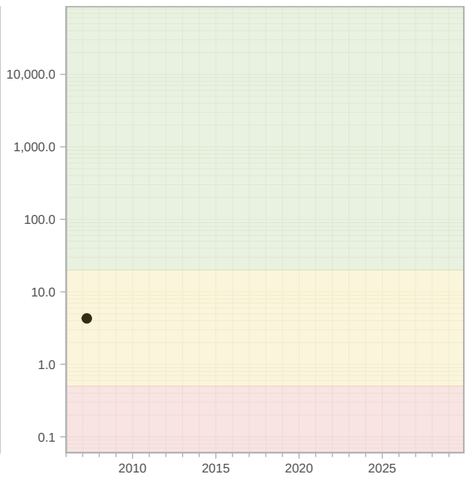
No Data

Sulfide



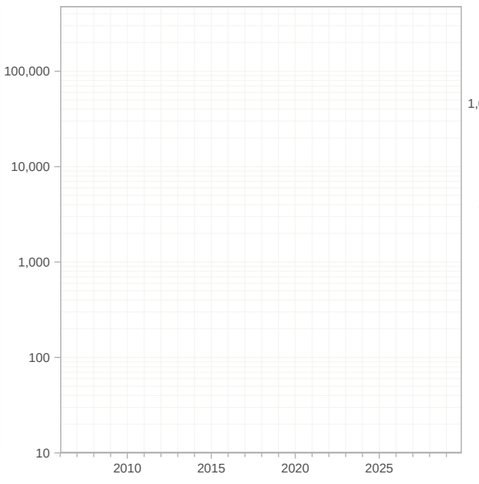
No Data

Methane (ug/L)



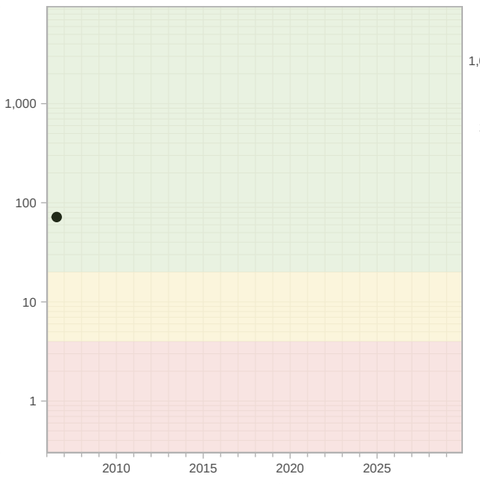
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Iron − Ferrous



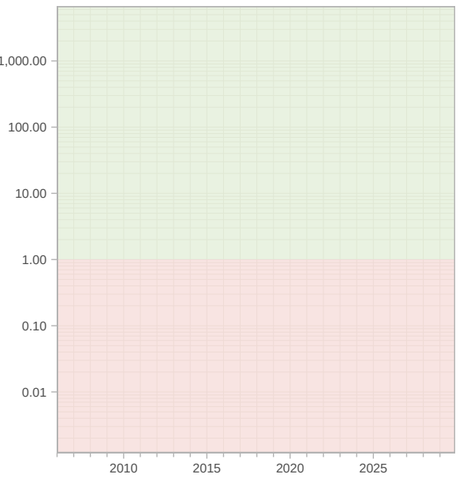
No Data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
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'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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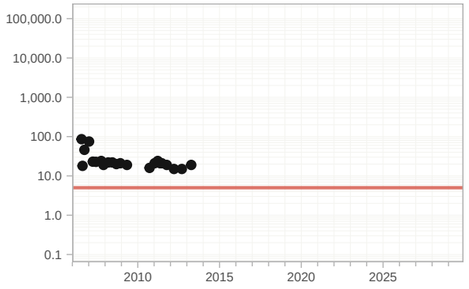
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

BP−6 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

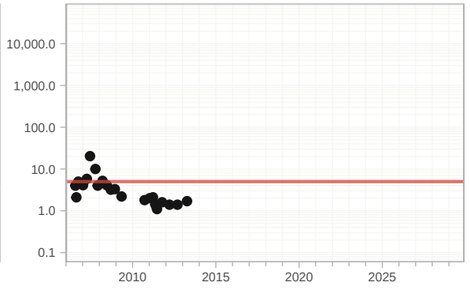
NYS GWQS = 5 ug/L



All | N = 22; ND = 0; %ND = 0; M−K = strong decreasing

Dichloroethene (cis−1,2−) (ug/L)

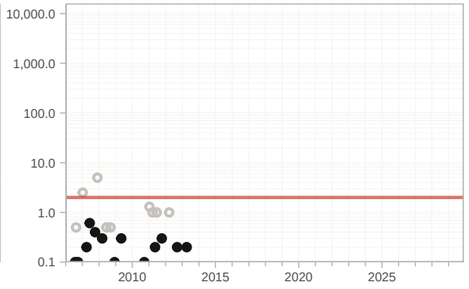
NYS GWQS = 5 ug/L



All | N = 22; ND = 0; %ND = 0; M−K = strong decreasing

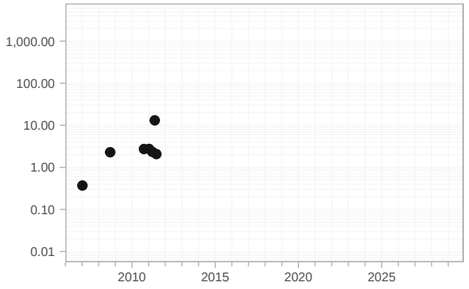
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



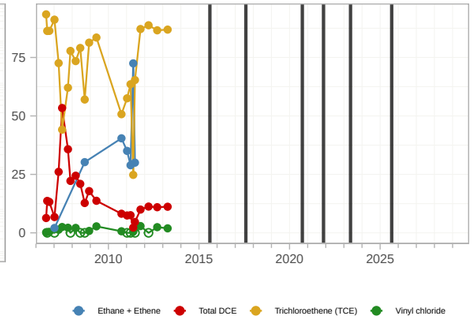
All | N = 22; ND = 9; %ND = 40.9; M−K = stable

Ethane + Ethene (ug/L)



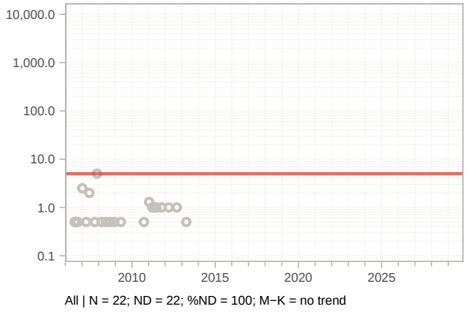
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

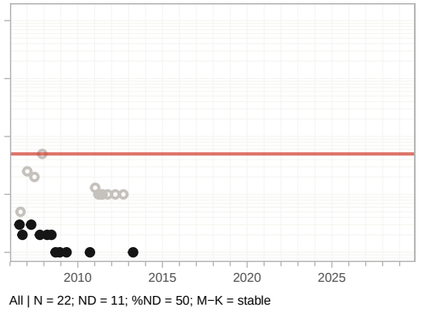
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

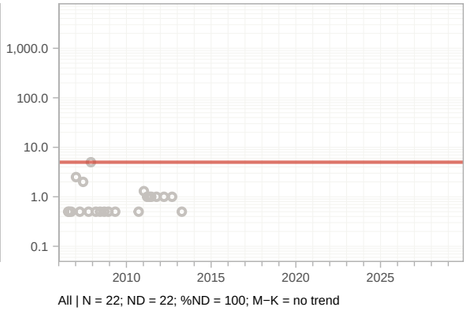
NYS GWQS = 5 ug/L



All | N = 22; ND = 11; %ND = 50; M−K = stable

Tetrachloroethene (PCE) (ug/L)

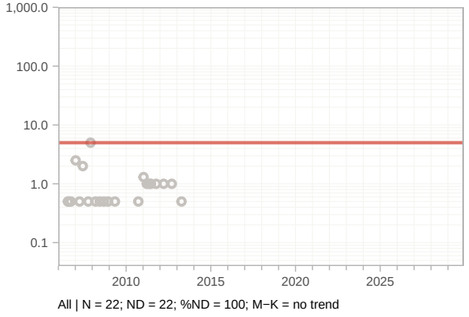
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

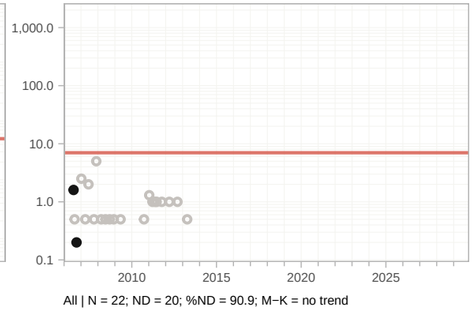
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

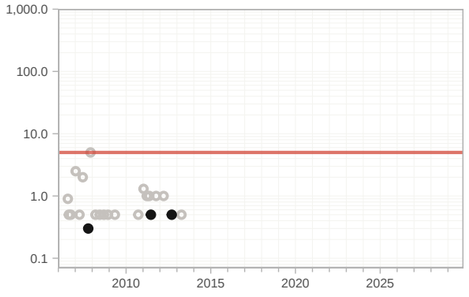
NYS GWQS = 7 ug/L



All | N = 22; ND = 20; %ND = 90.9; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

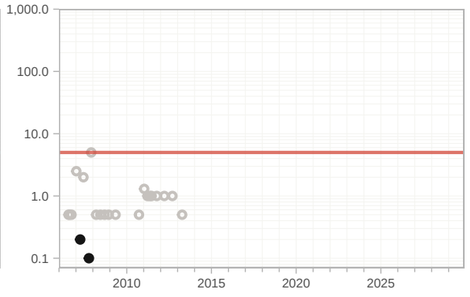
NYS GWQS = 5 ug/L



All | N = 22; ND = 19; %ND = 86.4; M−K = no trend

Chloromethane (ug/L)

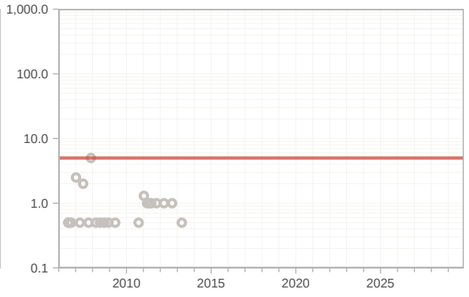
NYS GWQS = 5 ug/L



All | N = 22; ND = 20; %ND = 90.9; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

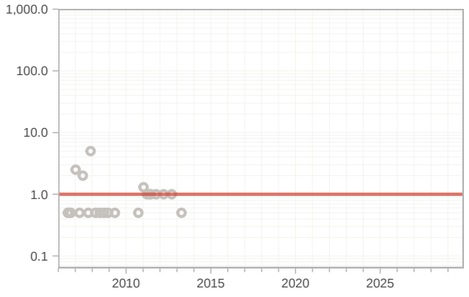
NYS GWQS = 5 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

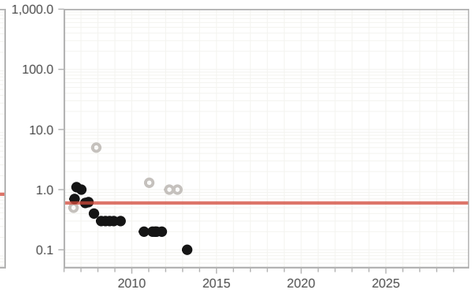
NYS GWQS = 1 ug/L



All | N = 22; ND = 22; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 22; ND = 5; %ND = 22.7; M−K = strong decreasing

Notes:
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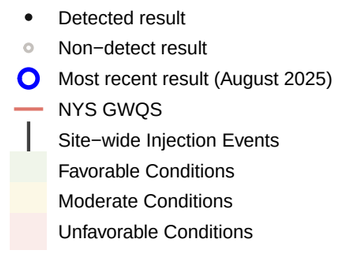
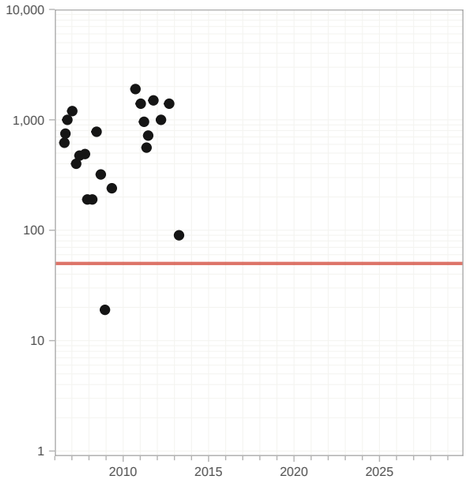


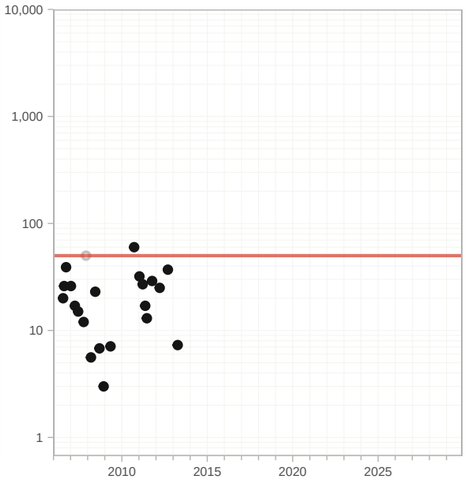
BP−6 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



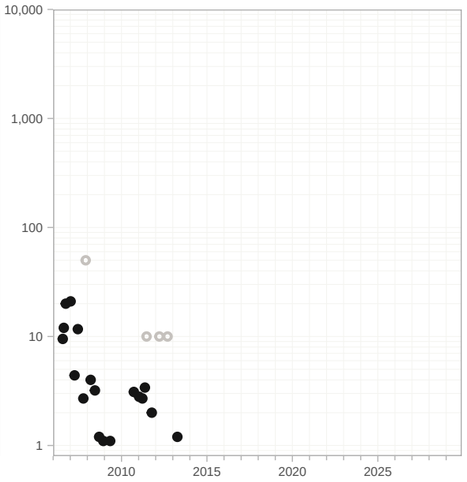
All | N = 22; ND = 0; %ND = 0; M−K = stable

Butanone (2−) (MEK) (ug/L)



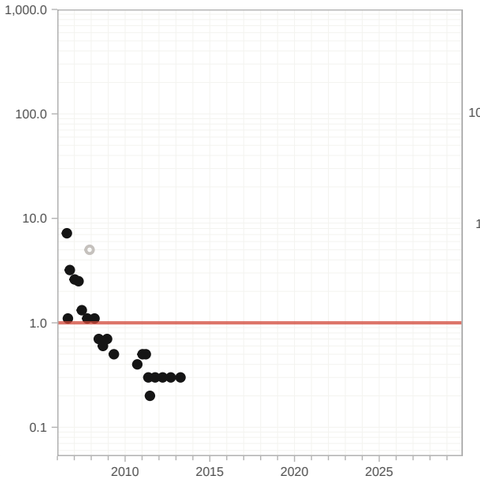
All | N = 22; ND = 1; %ND = 4.6; M−K = stable

Methyl−2−pentanone (4−) (MIBK) (ug/L)



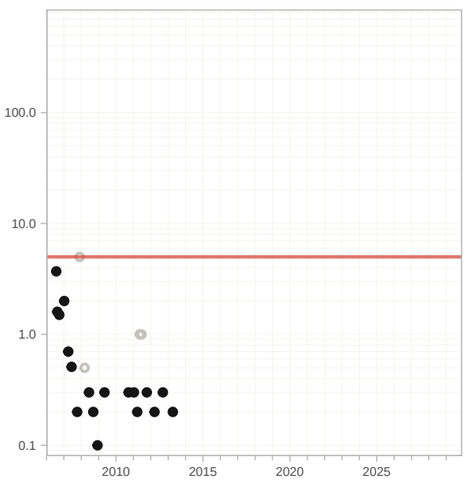
All | N = 22; ND = 4; %ND = 18.2; M−K = strong decreasing

Benzene (ug/L)



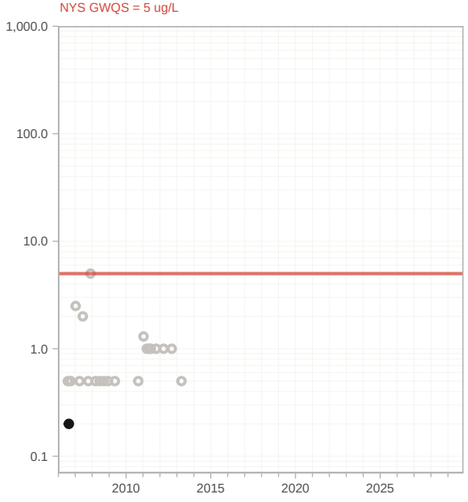
All | N = 22; ND = 1; %ND = 4.6; M−K = strong decreasing

Toluene (ug/L)



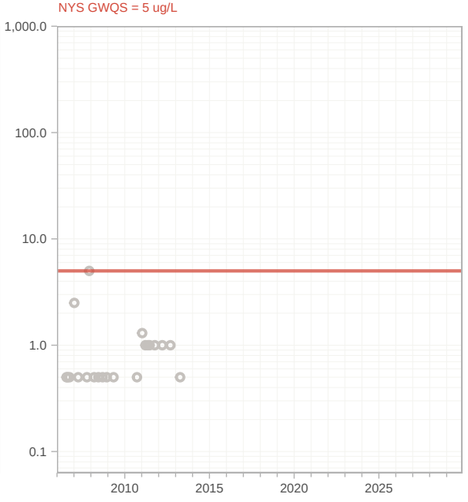
All | N = 22; ND = 4; %ND = 18.2; M−K = strong decreasing

Ethylbenzene (ug/L)



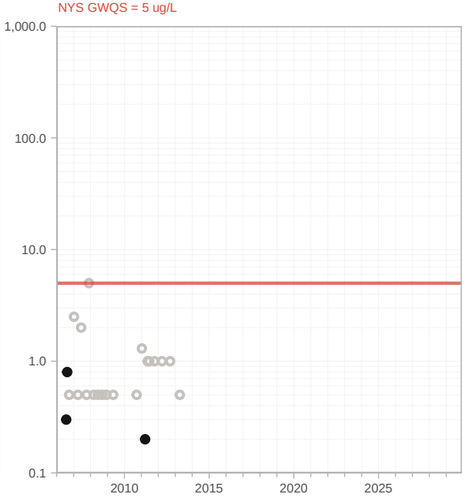
All | N = 22; ND = 21; %ND = 95.5; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



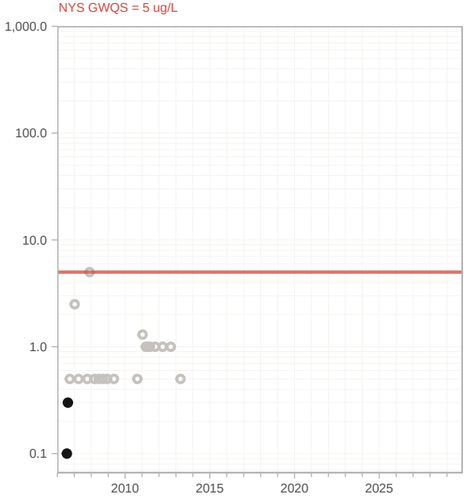
All | N = 21; ND = 21; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 22; ND = 19; %ND = 86.4; M−K = no trend

Xylene (o−) (ug/L)



All | N = 21; ND = 19; %ND = 90.5; M−K = no trend

Notes:
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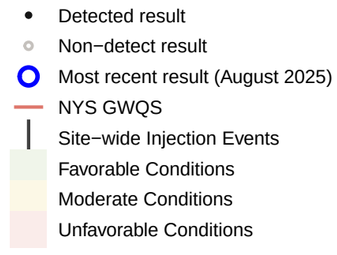
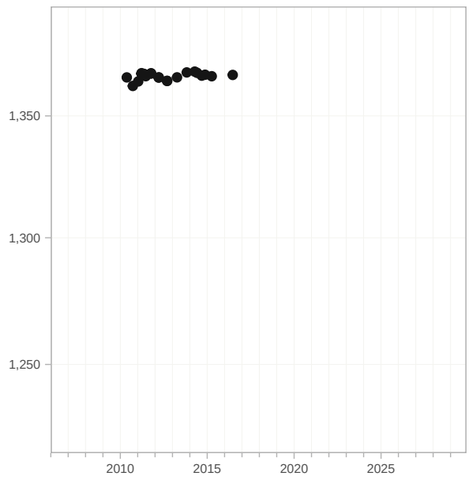


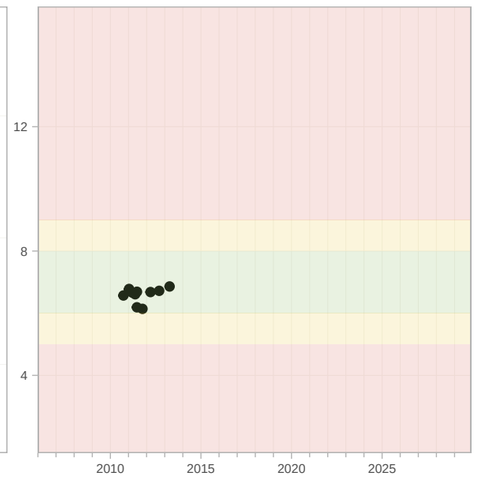
BP−6 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation (ft amsl)



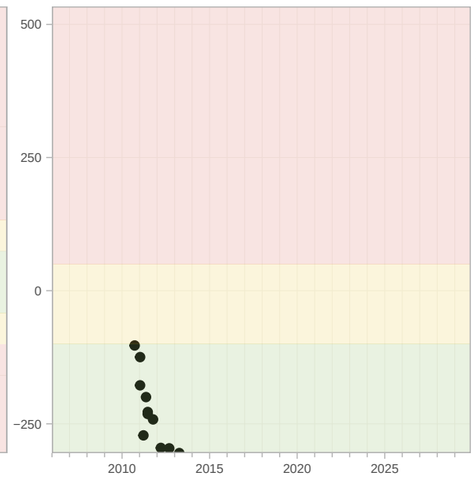
All | N = 22; ND = 0; %ND = 0; M−K = stable

pH (SU)



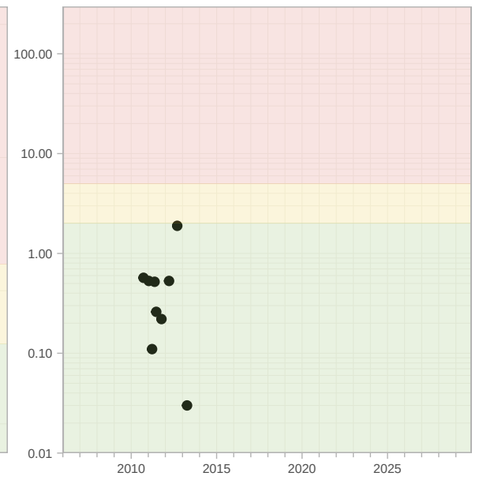
All | N = 11; ND = 0; %ND = 0; M−K = stable

Oxidation/Reduction Potential (mV)



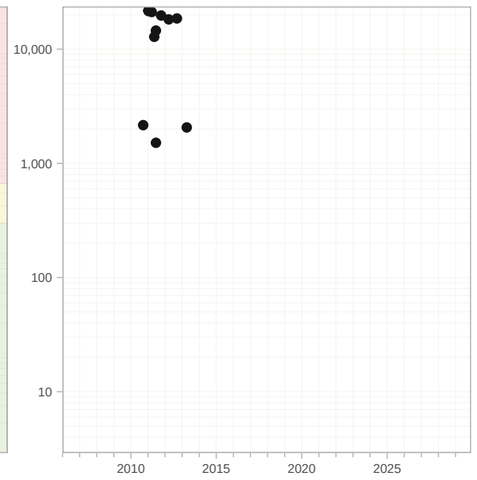
All | N = 11; ND = 0; %ND = 0; M−K = strong decreasing

Dissolved Oxygen (mg/L)



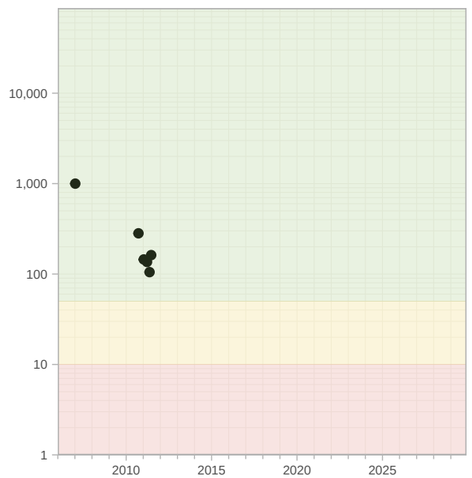
All | N = 9; ND = 0; %ND = 0; M−K = no trend

Specific Conductance (uS/cm)



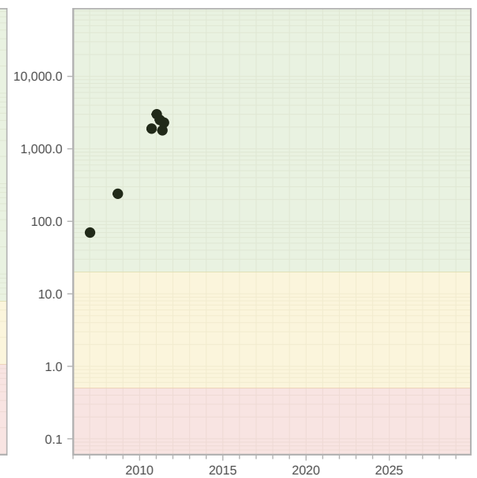
All | N = 11; ND = 0; %ND = 0; M−K = stable

Sulfide (ug/L)



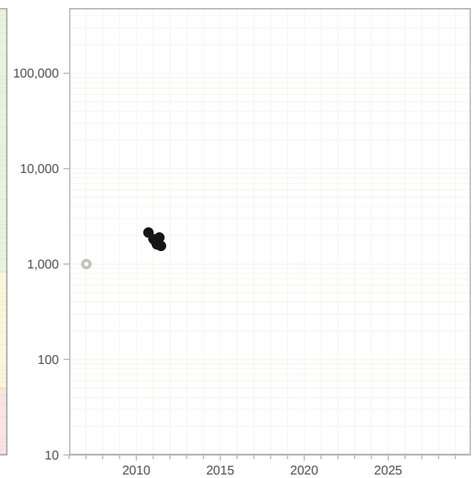
All | N = 6; ND = 0; %ND = 0; M−K = no trend

Methane (ug/L)



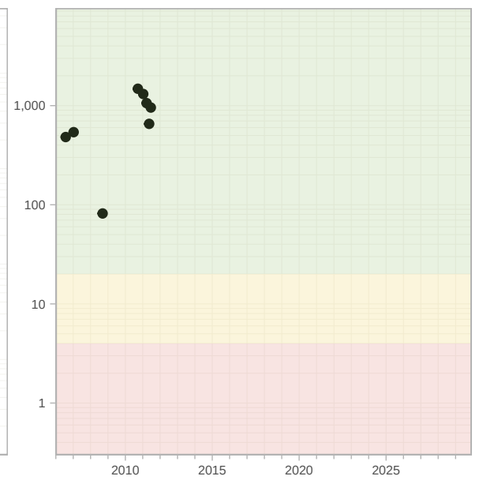
All | N = 7; ND = 0; %ND = 0; M−K = no trend

Iron − Ferrous (ug/L)



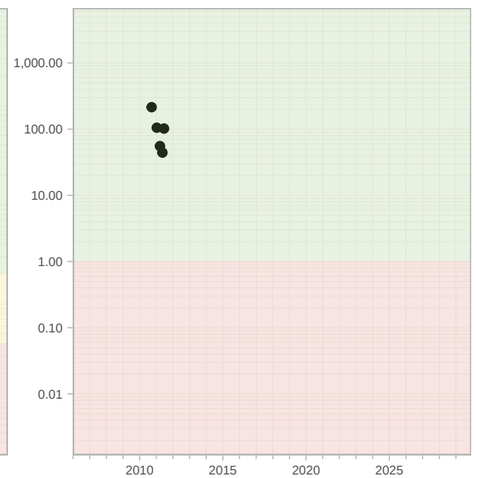
All | N = 6; ND = 1; %ND = 16.7; M−K = no trend

Total Organic Carbon (mg/L)



All | N = 8; ND = 0; %ND = 0; M−K = stable

Total Volatile Fatty Acids (mg/L)



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Notes:
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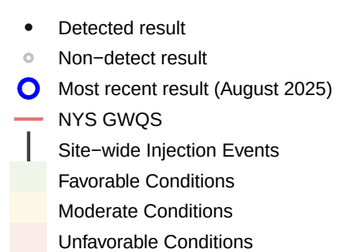
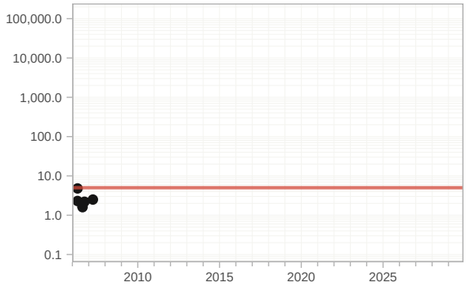
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



GC−2 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

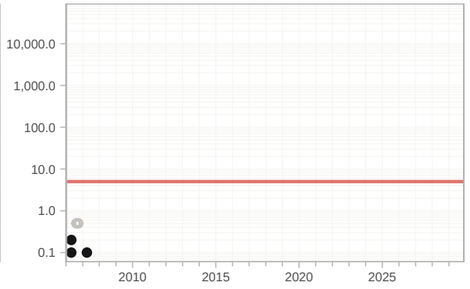
NYS GWQS = 5 ug/L



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

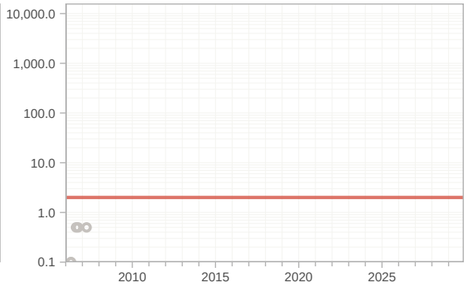
NYS GWQS = 5 ug/L



All | N = 5; ND = 2; %ND = 40; M−K = insufficient data

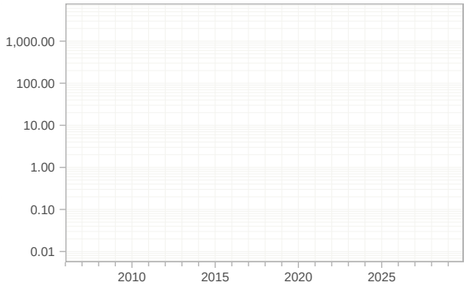
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



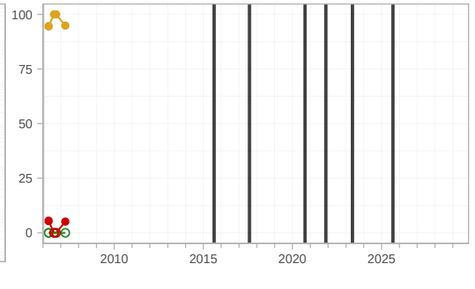
All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Ethane + Ethene



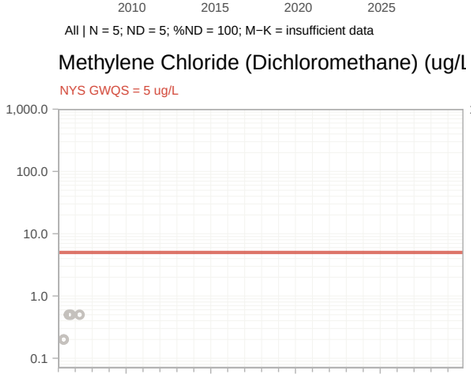
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

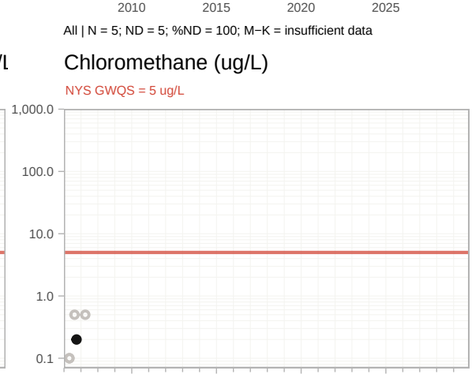
NYS GWQS = 5 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

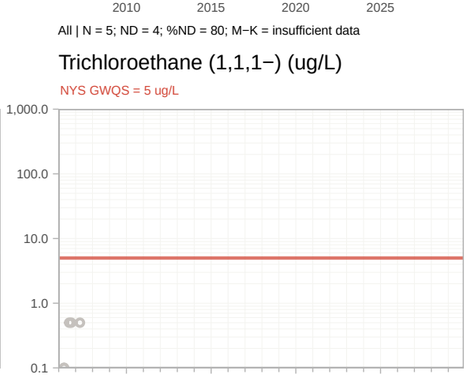
NYS GWQS = 5 ug/L



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

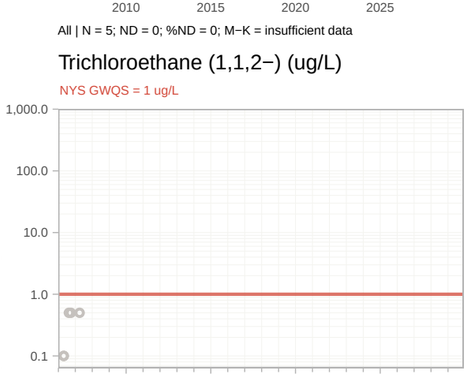
NYS GWQS = 5 ug/L



All | N = 5; ND = 4; %ND = 80; M−K = insufficient data

Carbon tetrachloride (ug/L)

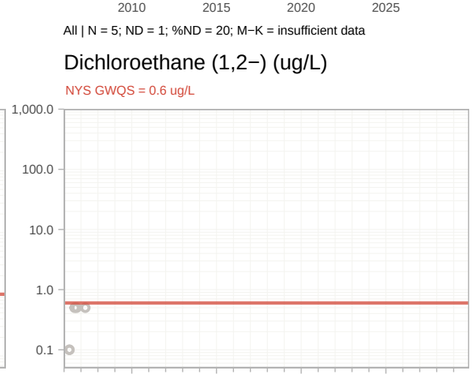
NYS GWQS = 5 ug/L



All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

NYS GWQS = 7 ug/L



All | N = 5; ND = 1; %ND = 20; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

NYS GWQS = 5 ug/L

All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

NYS GWQS = 5 ug/L

All | N = 5; ND = 4; %ND = 80; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

NYS GWQS = 5 ug/L

All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

NYS GWQS = 1 ug/L

All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L

All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

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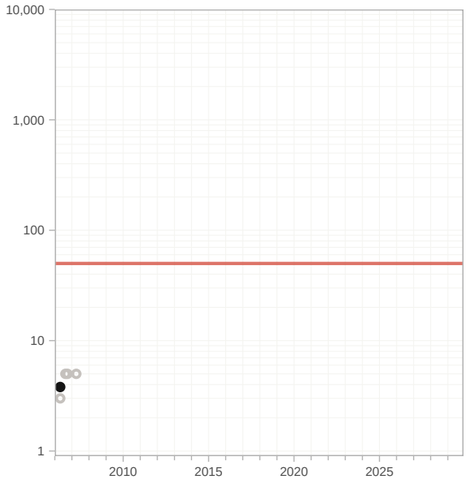
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

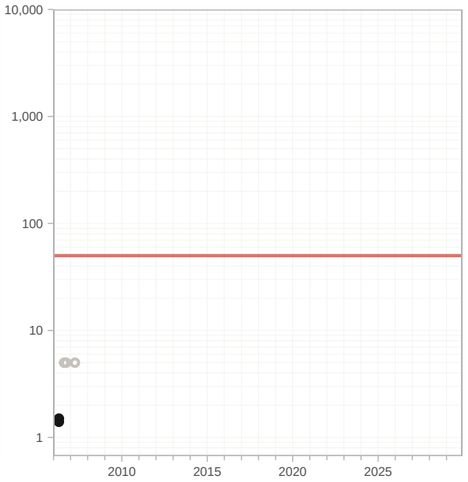
GC−2 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



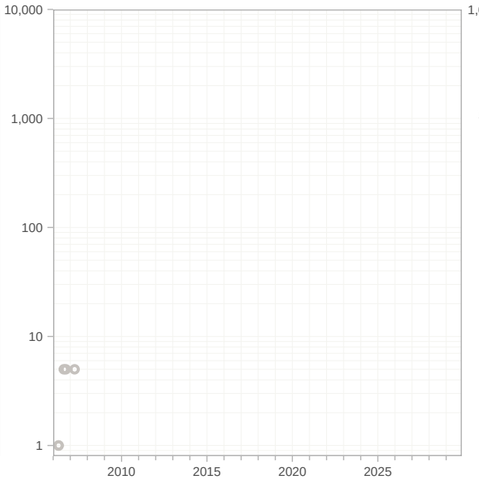
All | N = 5; ND = 4; %ND = 80; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



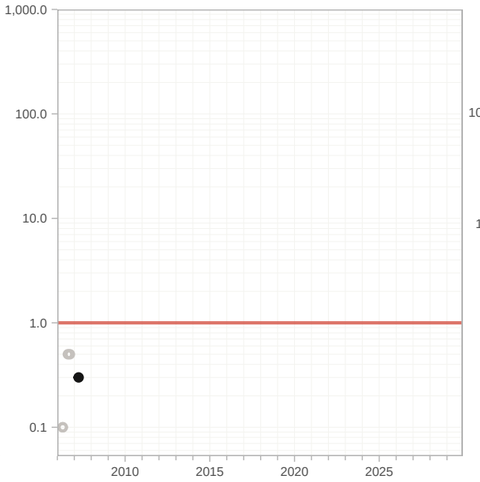
All | N = 5; ND = 3; %ND = 60; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



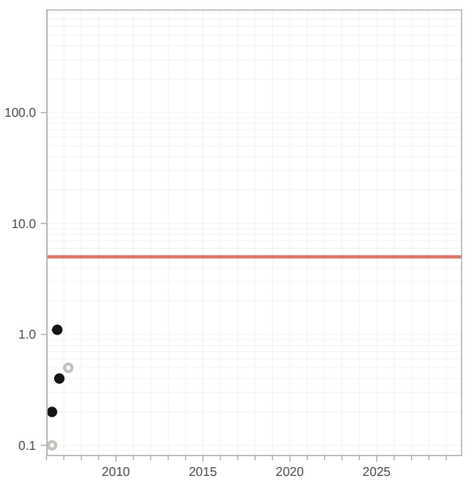
All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Benzene (ug/L)



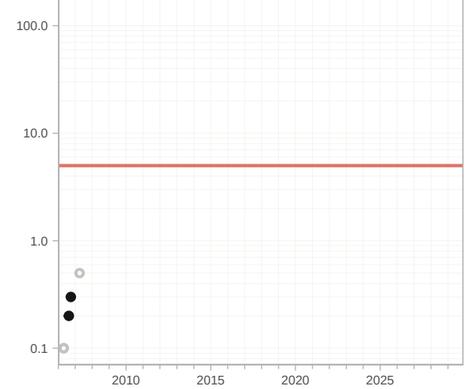
All | N = 5; ND = 4; %ND = 80; M−K = insufficient data

Toluene (ug/L)



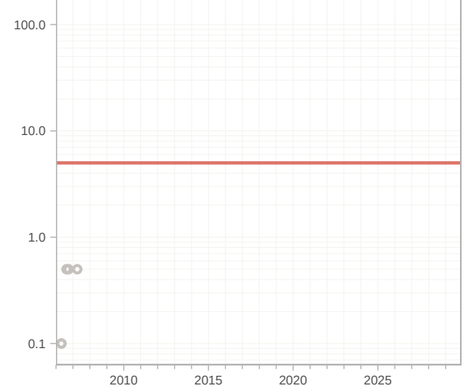
All | N = 5; ND = 2; %ND = 40; M−K = insufficient data

Ethylbenzene (ug/L)



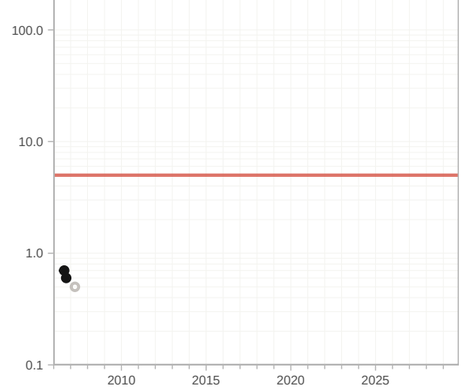
All | N = 5; ND = 3; %ND = 60; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



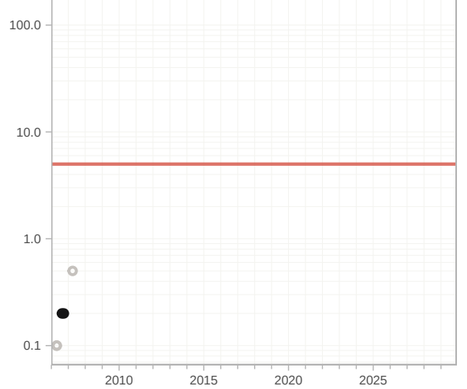
All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 3; ND = 1; %ND = 33.3; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 5; ND = 3; %ND = 60; M−K = insufficient data

Notes:
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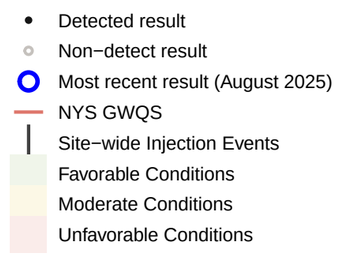
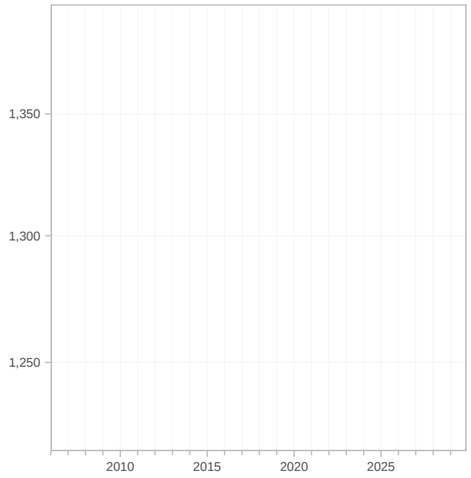


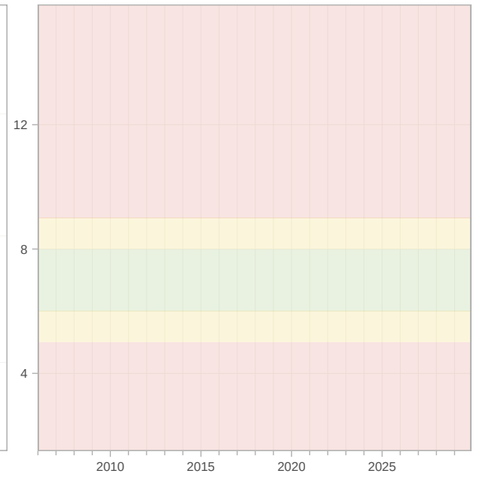
GC−2 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



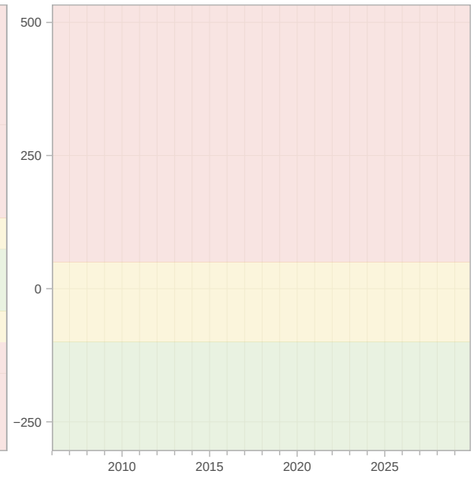
No Data

pH



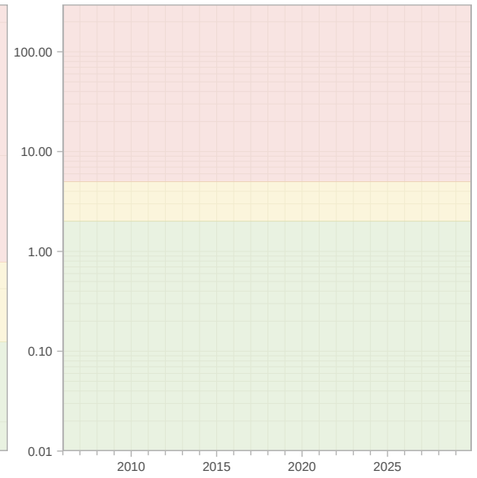
No Data

Oxidation/Reduction Potential



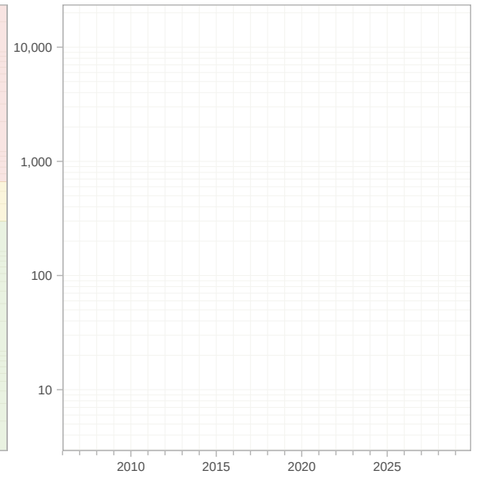
No Data

Dissolved Oxygen



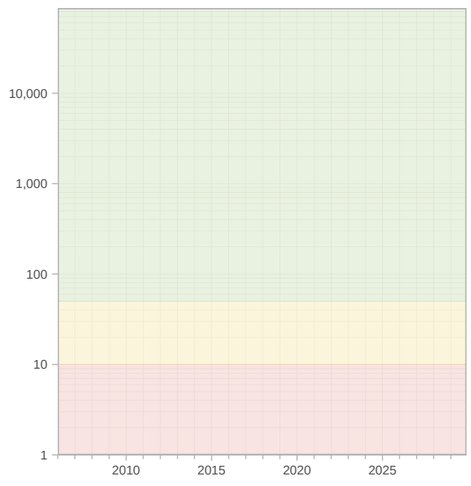
No Data

Specific Conductance



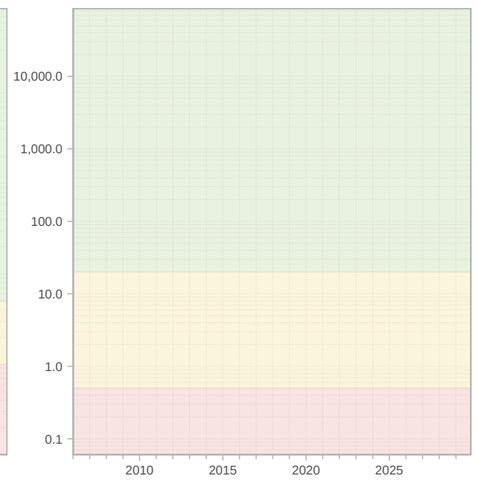
No Data

Sulfide



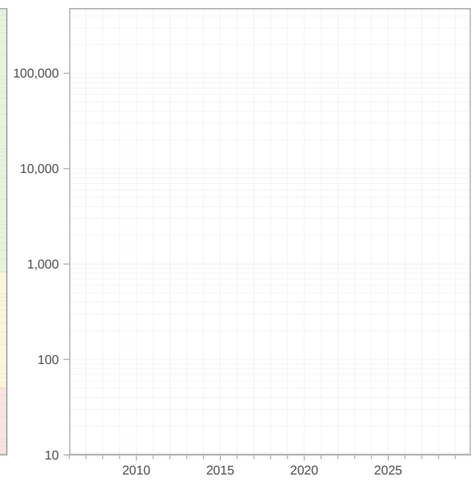
No Data

Methane



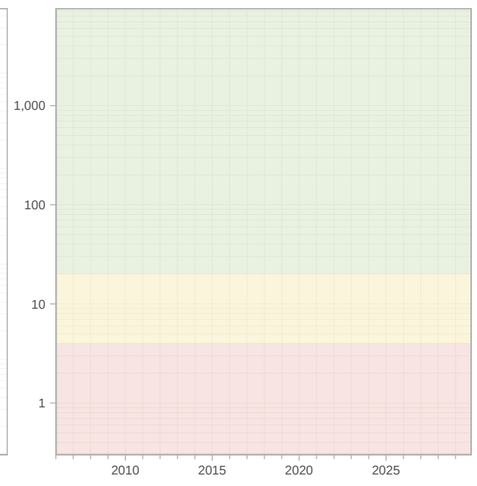
No Data

Iron − Ferrous



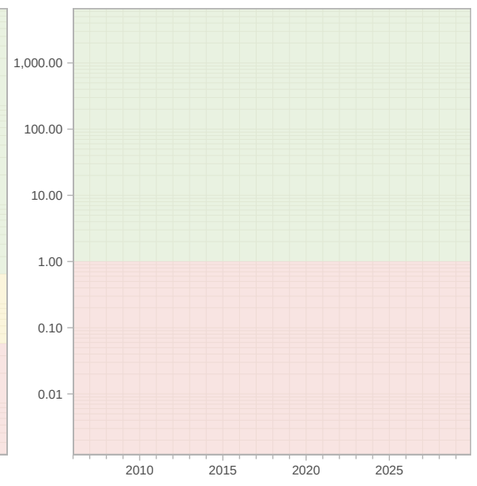
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
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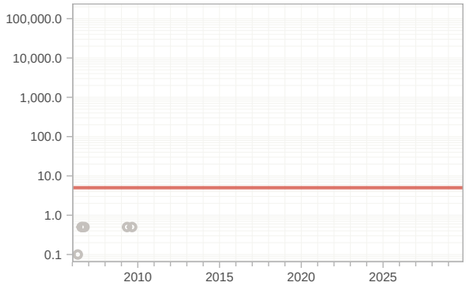
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

GC−A (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

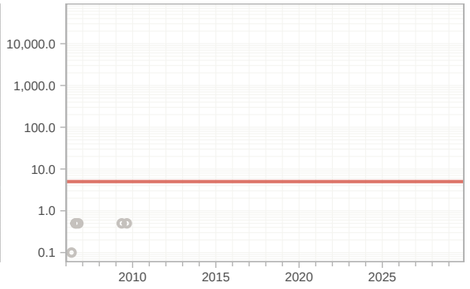
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Dichloroethene (cis−1,2−) (ug/L)

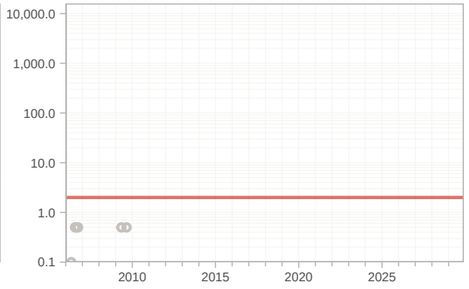
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

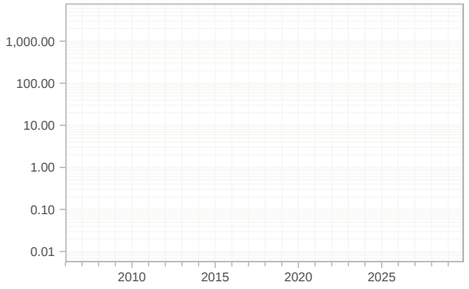
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



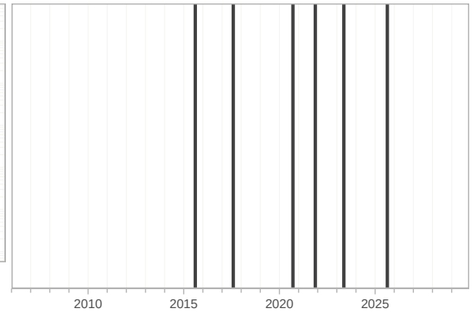
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Ethane + Ethene



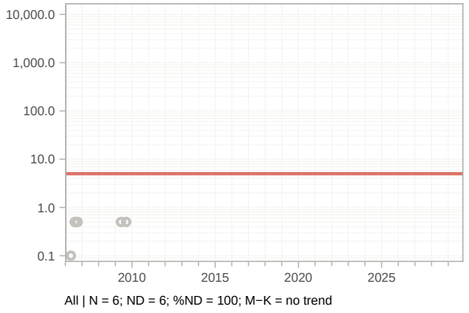
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

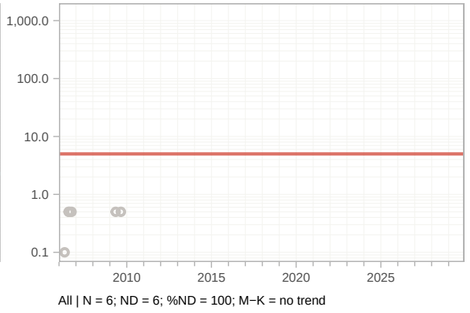
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

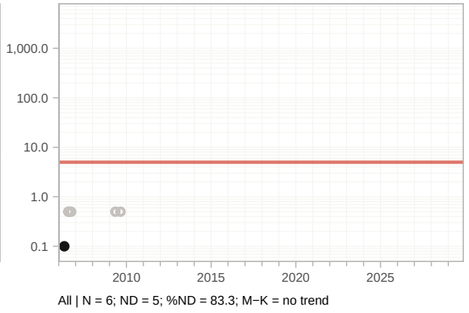
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

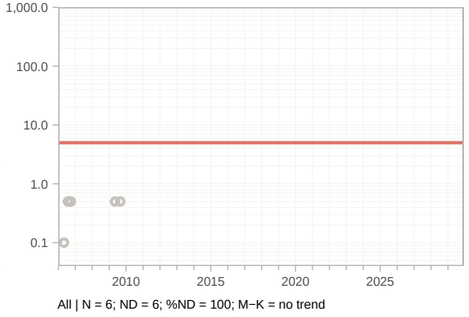
NYS GWQS = 5 ug/L



All | N = 6; ND = 5; %ND = 83.3; M−K = no trend

Carbon tetrachloride (ug/L)

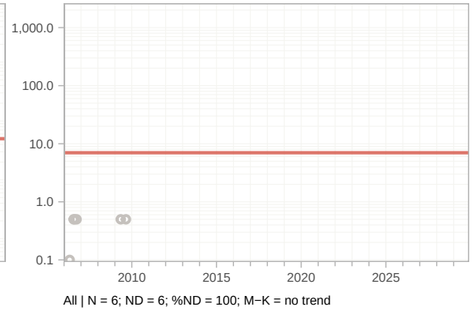
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

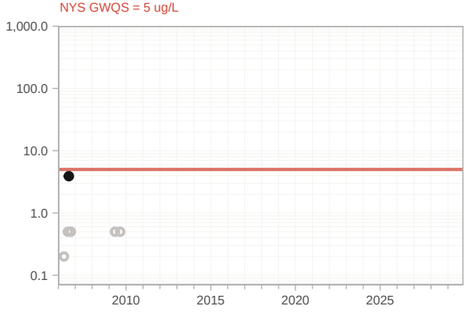
NYS GWQS = 7 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

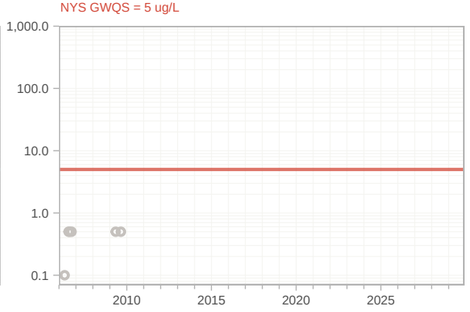
NYS GWQS = 5 ug/L



All | N = 6; ND = 5; %ND = 83.3; M−K = no trend

Chloromethane (ug/L)

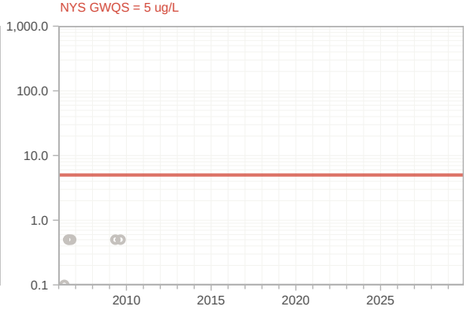
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

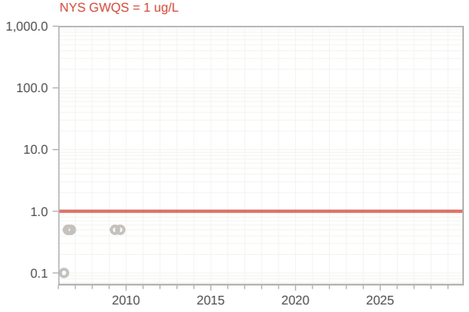
NYS GWQS = 5 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

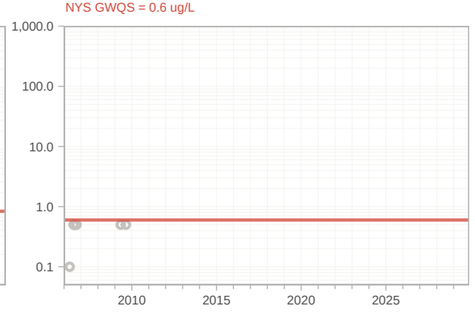
NYS GWQS = 1 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 6; ND = 6; %ND = 100; M−K = no trend

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- Detected result
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- NYS GWQS
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- Favorable Conditions
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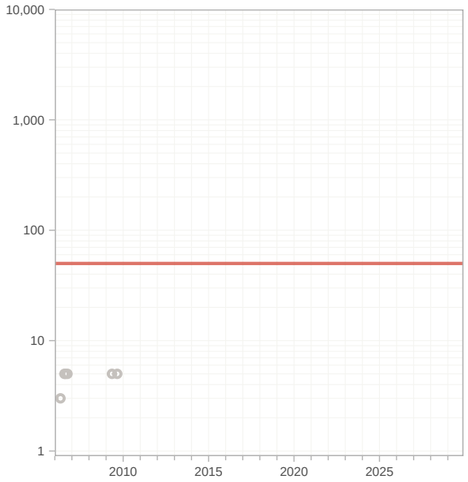
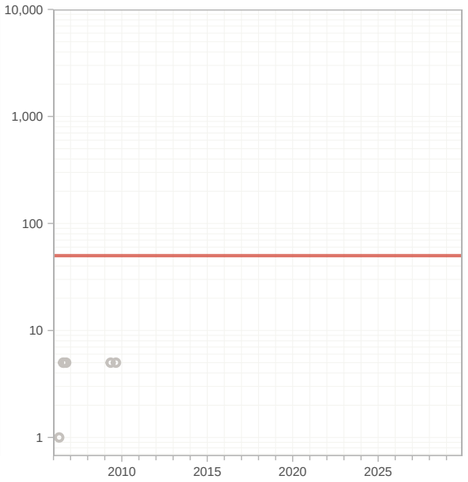
GC−A (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



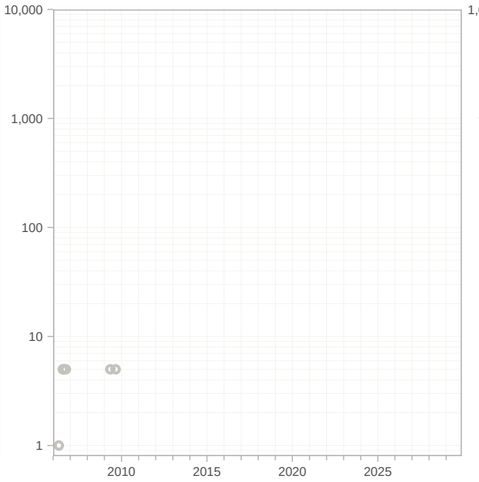
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Butanone (2−) (MEK) (ug/L)



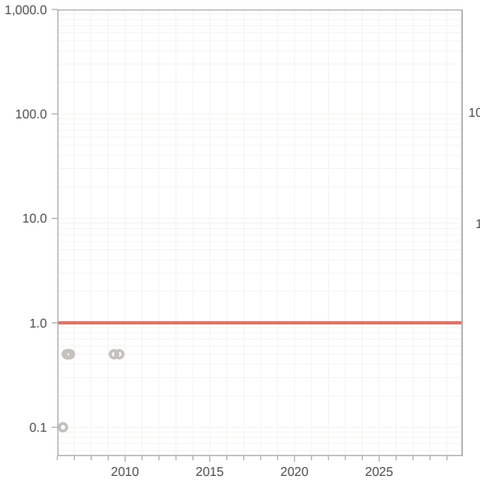
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



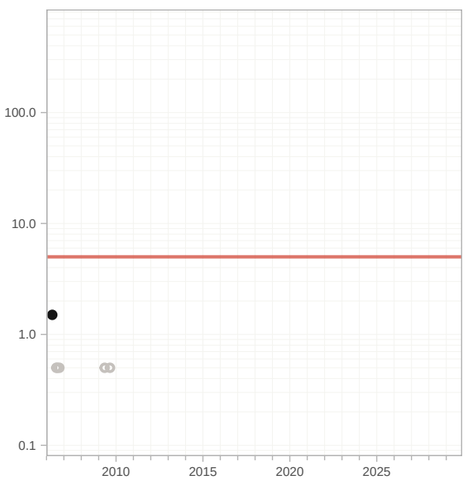
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Benzene (ug/L)



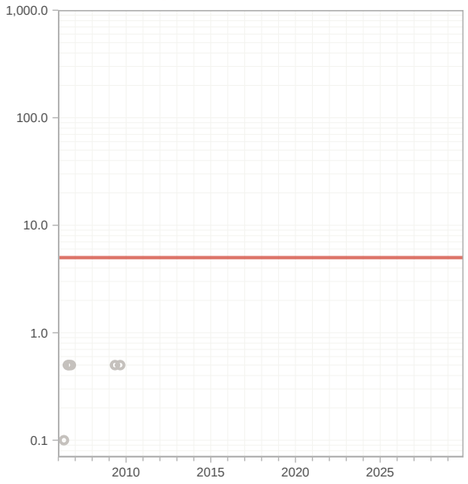
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Toluene (ug/L)



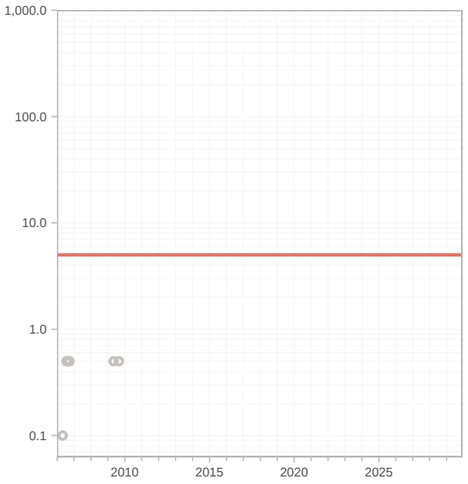
All | N = 6; ND = 5; %ND = 83.3; M−K = no trend

Ethylbenzene (ug/L)



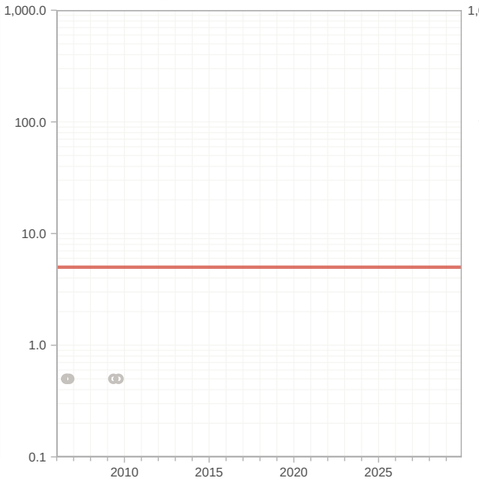
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



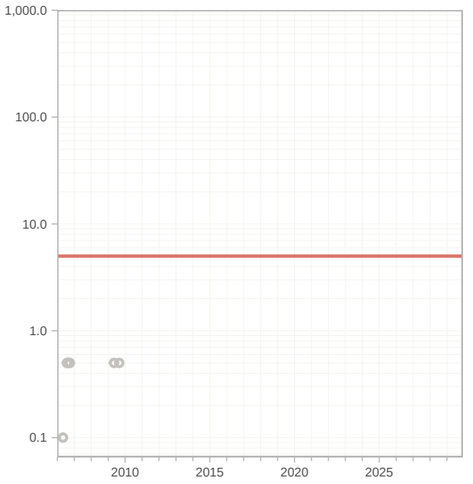
All | N = 6; ND = 6; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 5; ND = 5; %ND = 100; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 6; ND = 6; %ND = 100; M−K = no trend

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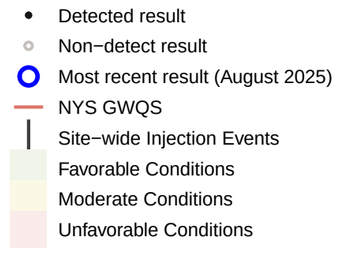
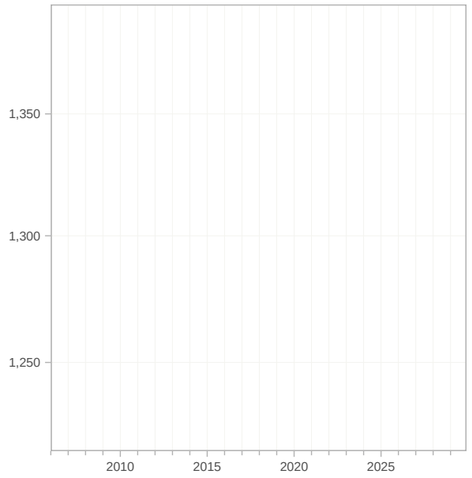


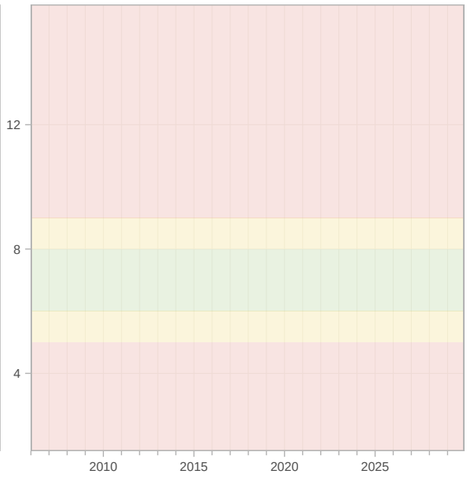
GC−A (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



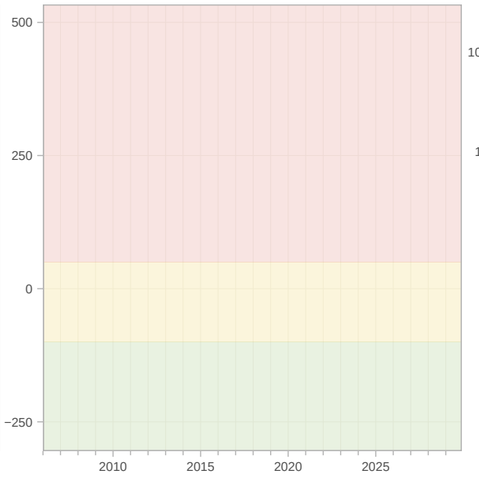
No Data

pH



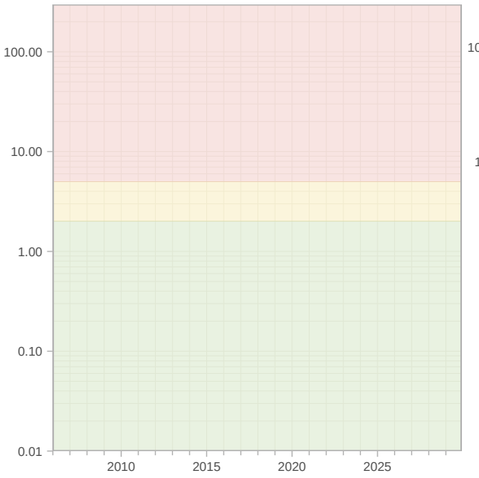
No Data

Oxidation/Reduction Potential



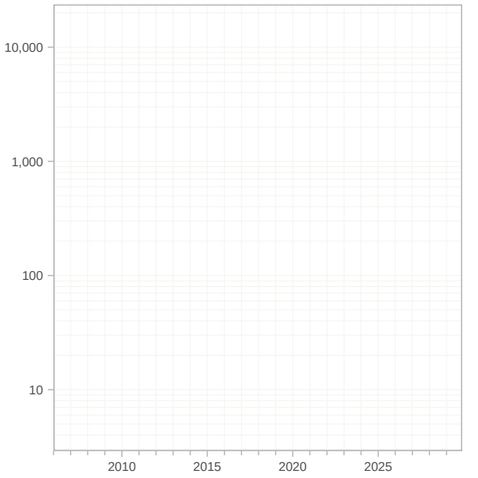
No Data

Dissolved Oxygen



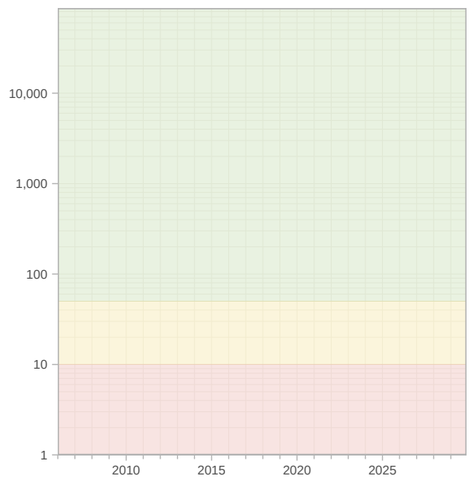
No Data

Specific Conductance



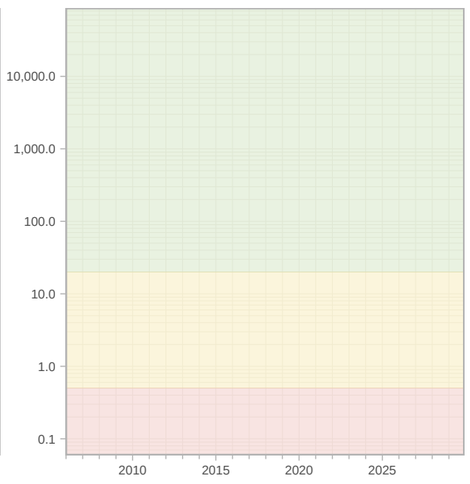
No Data

Sulfide



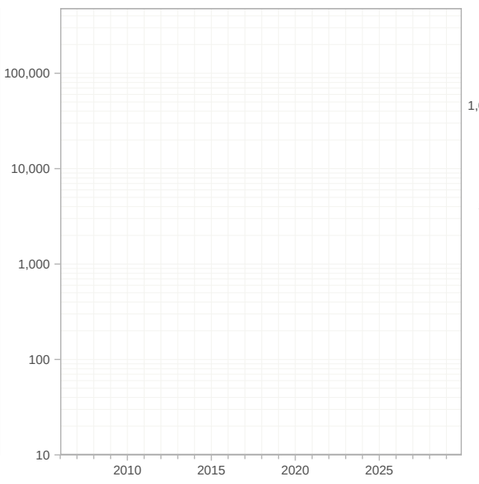
No Data

Methane



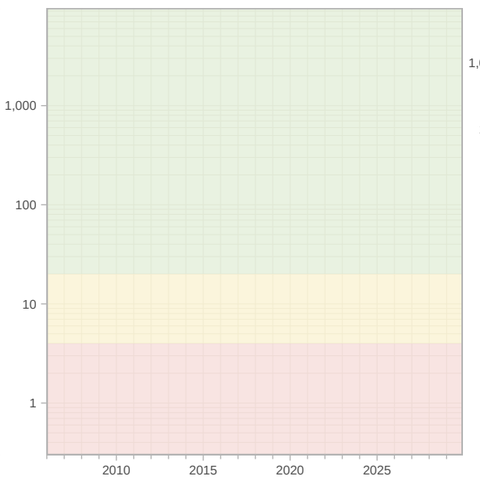
No Data

Iron − Ferrous



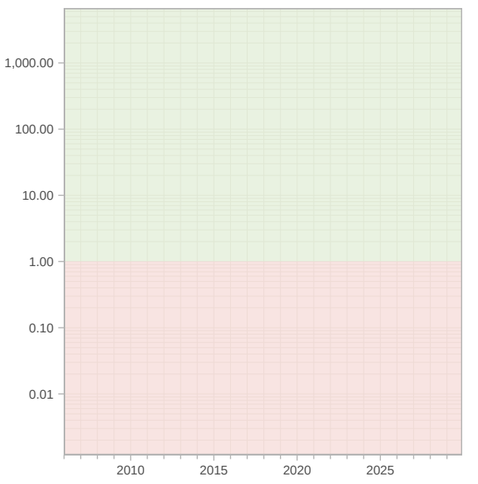
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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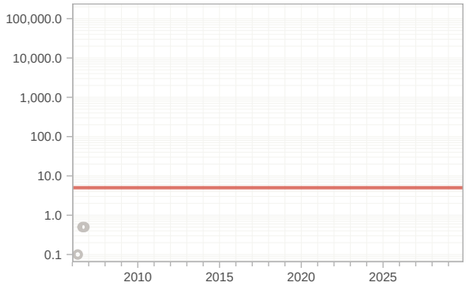
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

GC−B (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

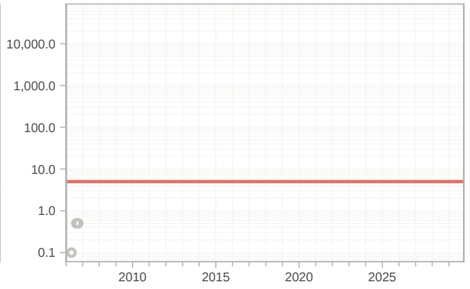
NYS GWQS = 5 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

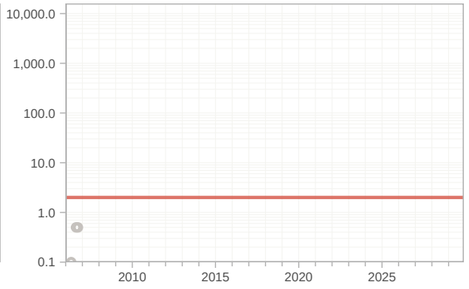
NYS GWQS = 5 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

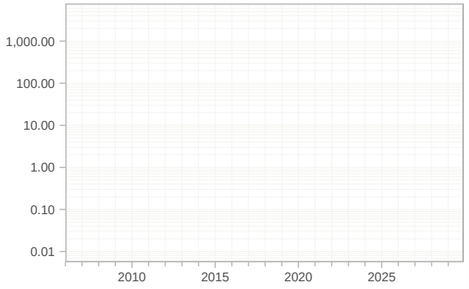
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



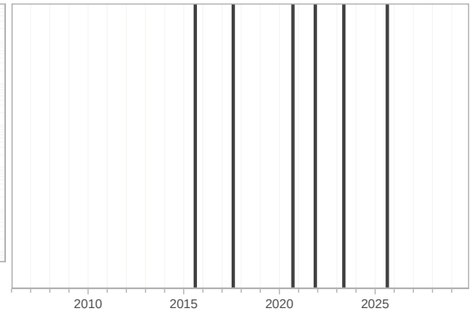
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Ethane + Ethene



No Data

Molar Composition (%)



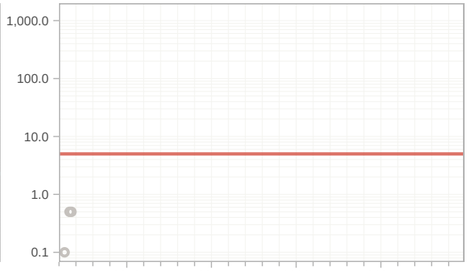
Dichloroethene (trans−1,2−) (ug/L)

NYS GWQS = 5 ug/L

All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

NYS GWQS = 5 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

NYS GWQS = 5 ug/L

All | N = 3; ND = 2; %ND = 66.7; M−K = insufficient data

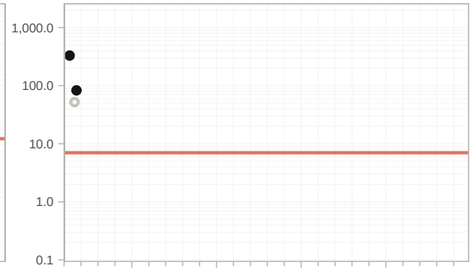
Carbon tetrachloride (ug/L)

NYS GWQS = 5 ug/L

All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

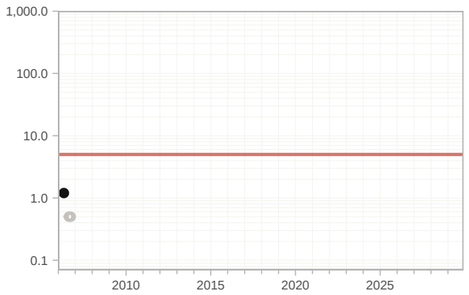
NYS GWQS = 7 ug/L



All | N = 3; ND = 1; %ND = 33.3; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

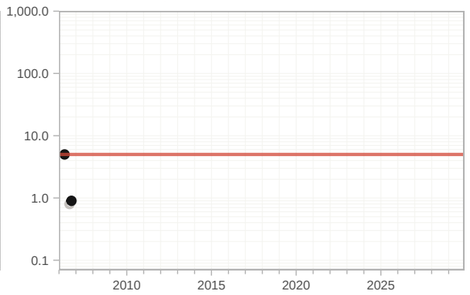
NYS GWQS = 5 ug/L



All | N = 3; ND = 2; %ND = 66.7; M−K = insufficient data

Chloromethane (ug/L)

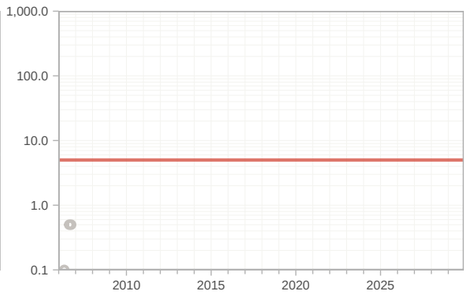
NYS GWQS = 5 ug/L



All | N = 3; ND = 1; %ND = 33.3; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

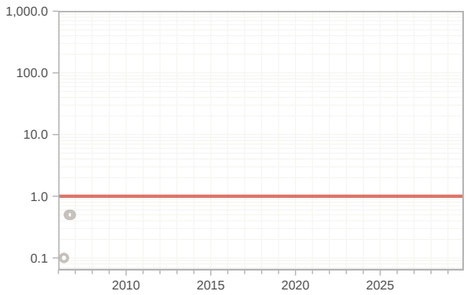
NYS GWQS = 5 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

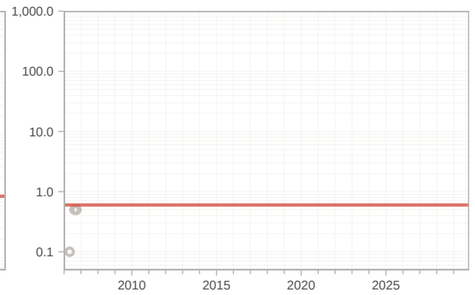
NYS GWQS = 1 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Notes:
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−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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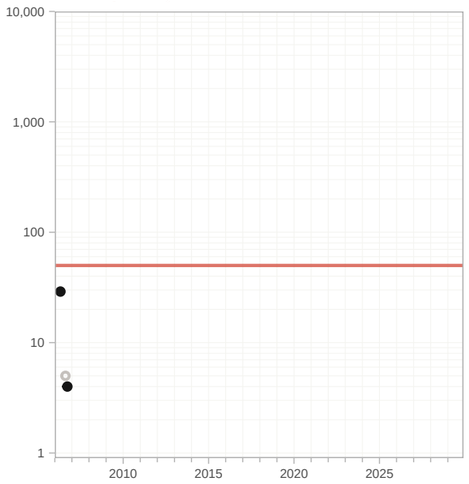
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

Detected result
Non−detect result
Most recent result (August 2025)
NYS GWQS
Site−wide Injection Events
Favorable Conditions
Moderate Conditions
Unfavorable Conditions

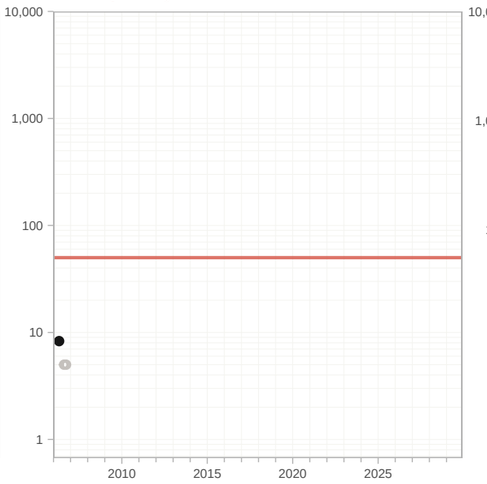
GC−B (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



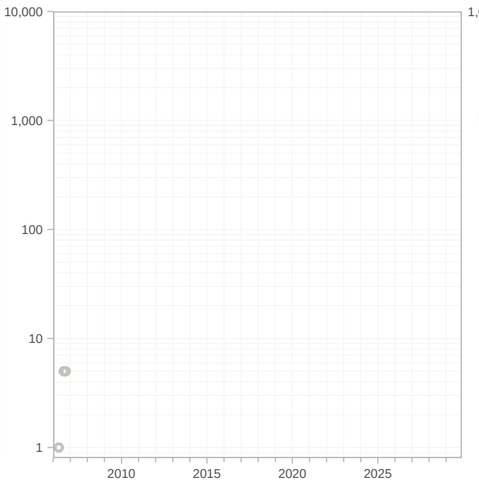
All | N = 3; ND = 1; %ND = 33.3; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



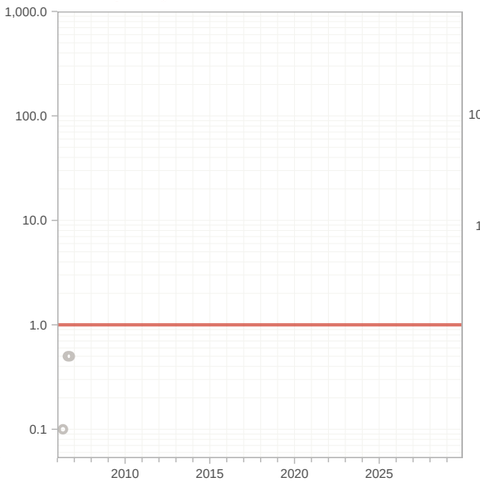
All | N = 3; ND = 2; %ND = 66.7; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



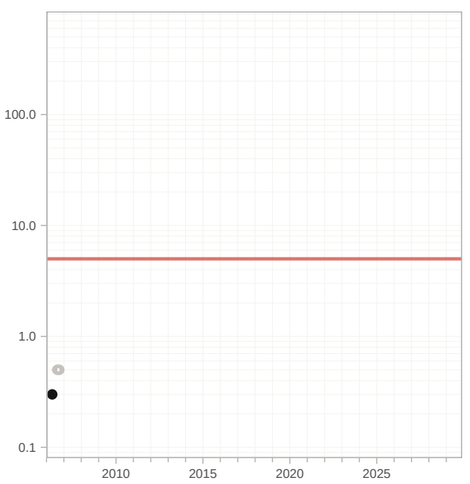
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Benzene (ug/L)



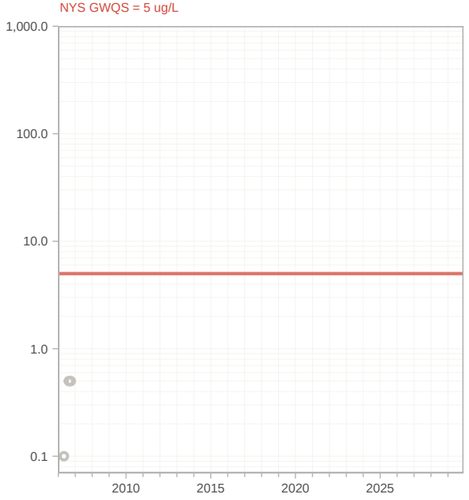
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Toluene (ug/L)



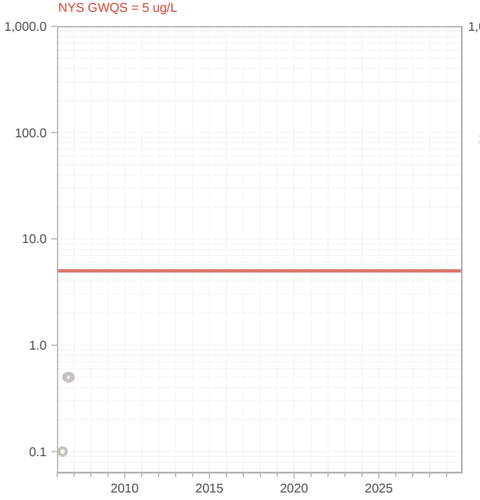
All | N = 3; ND = 2; %ND = 66.7; M−K = insufficient data

Ethylbenzene (ug/L)



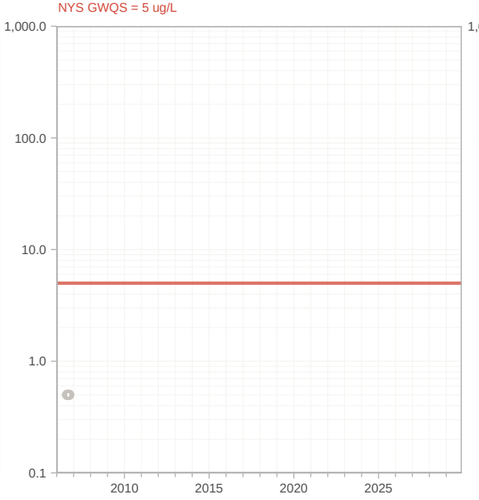
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



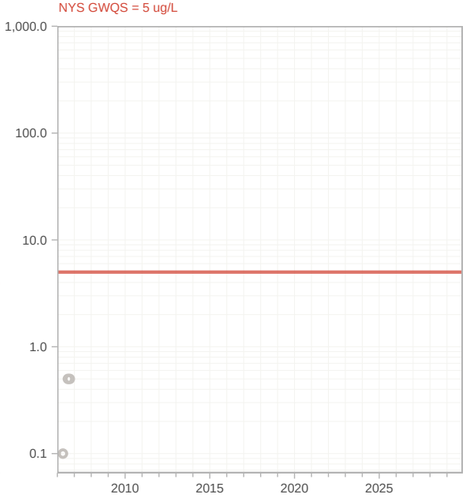
All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



All | N = 2; ND = 2; %ND = 100; M−K = insufficient data

Xylene (o−) (ug/L)



All | N = 3; ND = 3; %ND = 100; M−K = insufficient data

Notes:
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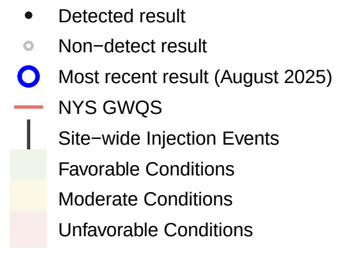
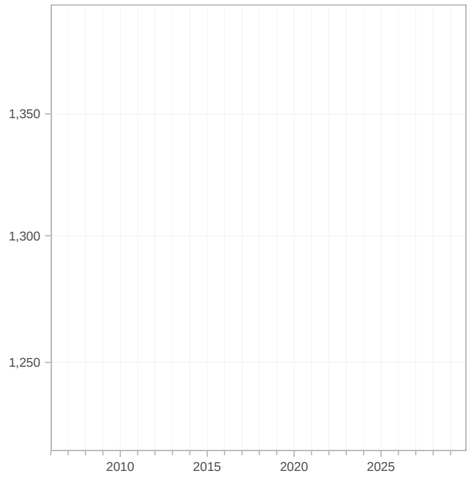


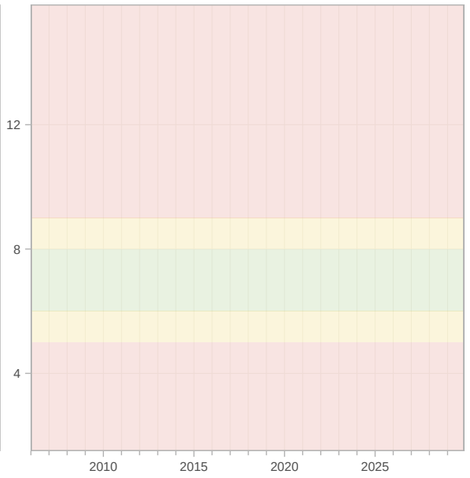
GC−B (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



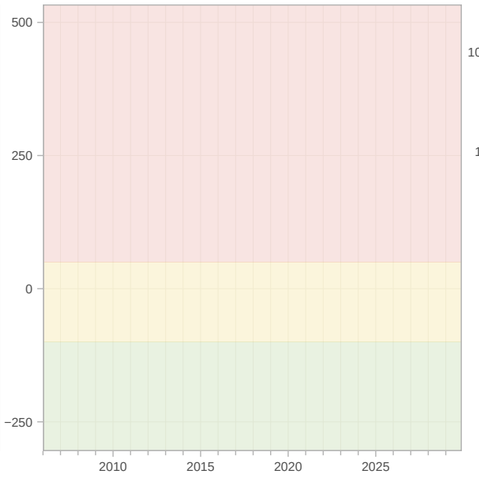
No Data

pH



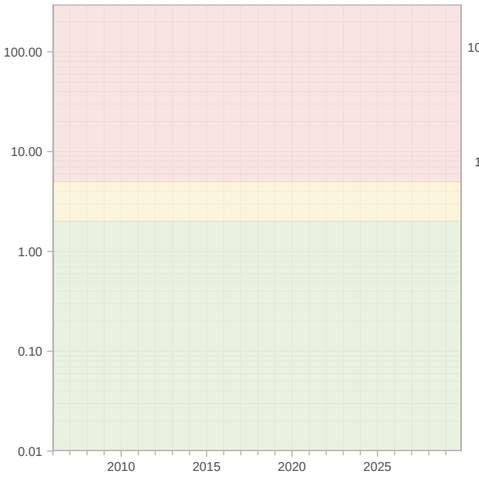
No Data

Oxidation/Reduction Potential



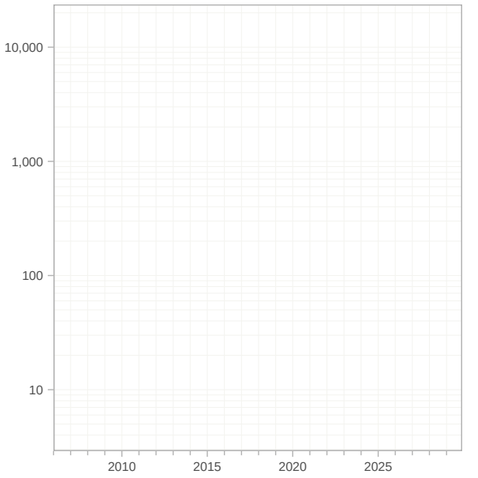
No Data

Dissolved Oxygen



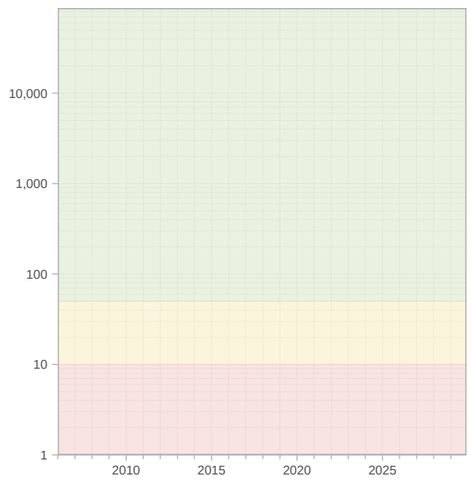
No Data

Specific Conductance



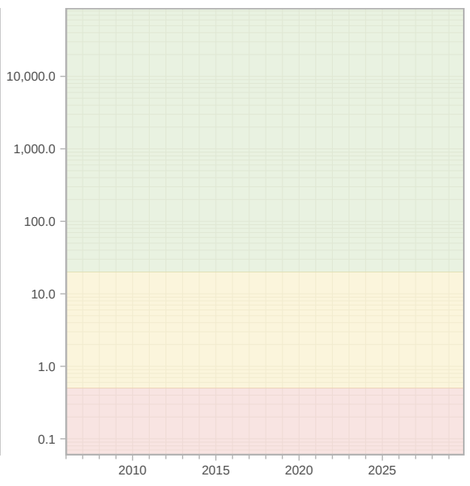
No Data

Sulfide



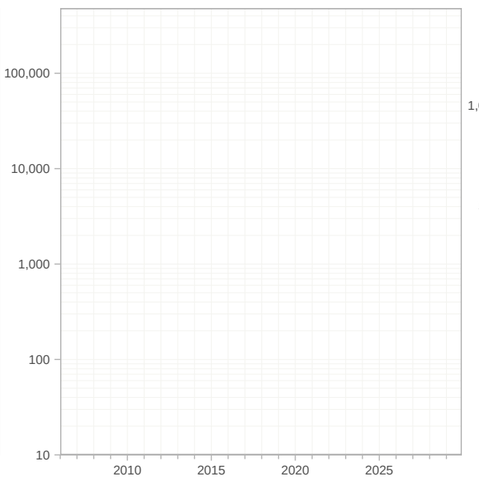
No Data

Methane



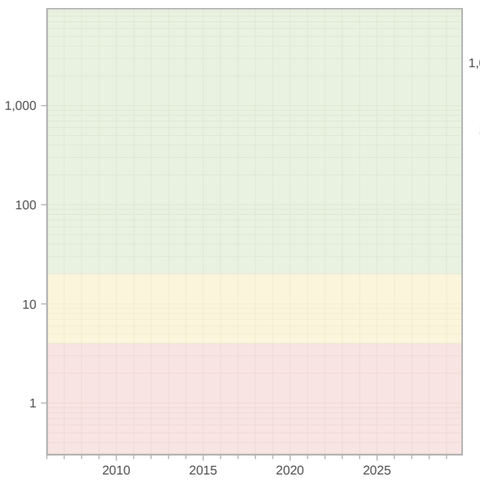
No Data

Iron − Ferrous



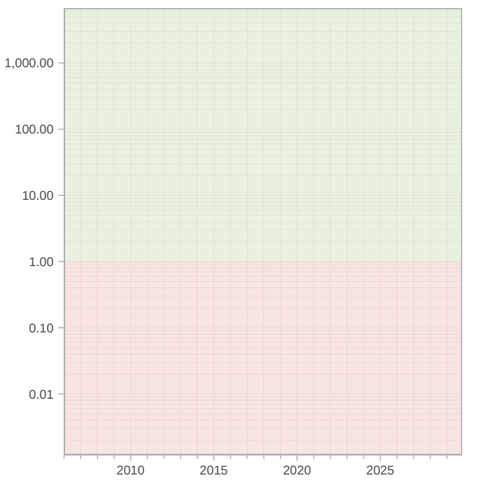
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

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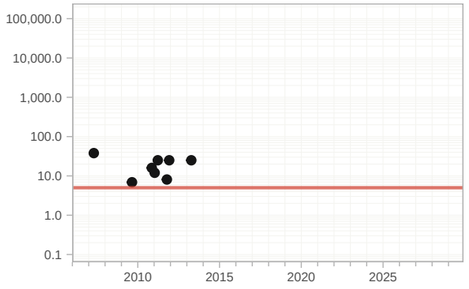
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

SEEP1 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

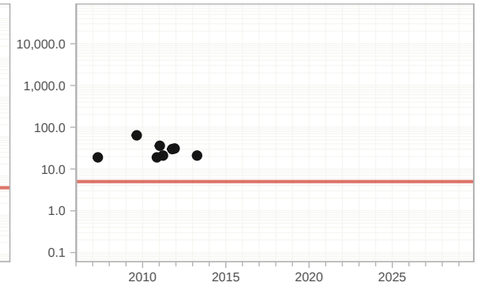
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

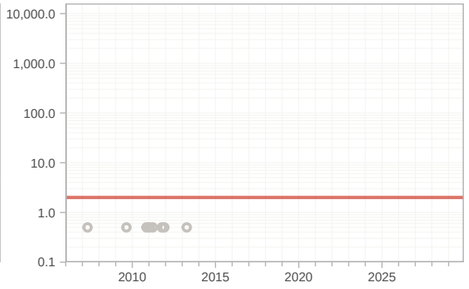
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = stable

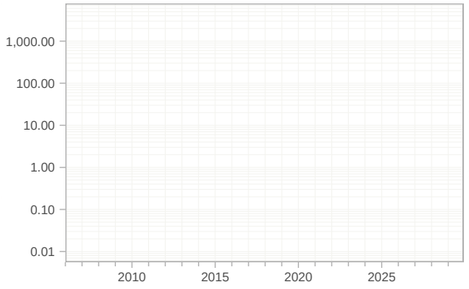
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



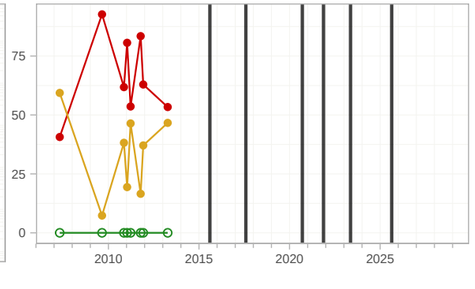
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Ethane + Ethene



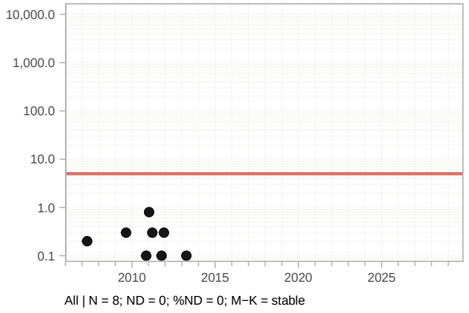
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

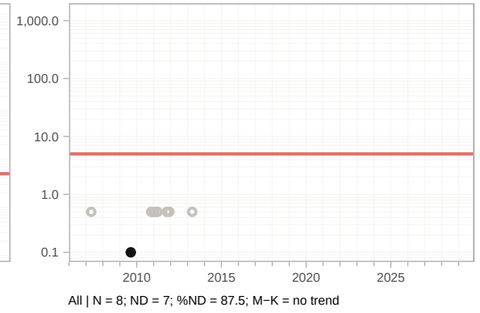
NYS GWQS = 5 ug/L



All | N = 8; ND = 0; %ND = 0; M−K = stable

Dichloroethene (1,1−) (ug/L)

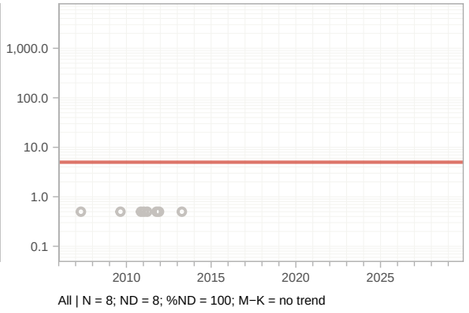
NYS GWQS = 5 ug/L



All | N = 8; ND = 7; %ND = 87.5; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

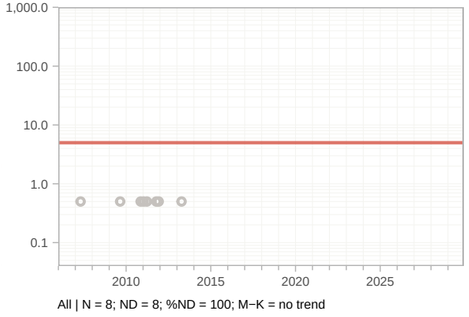
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

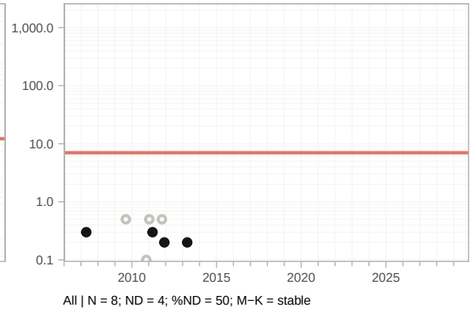
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

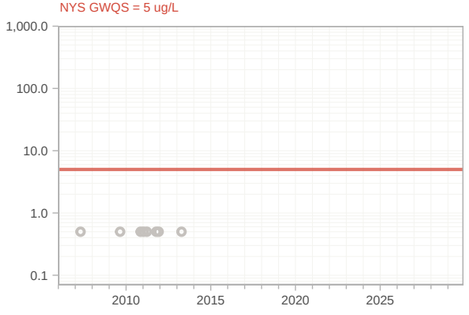
NYS GWQS = 7 ug/L



All | N = 8; ND = 4; %ND = 50; M−K = stable

Methylene Chloride (Dichloromethane) (ug/L

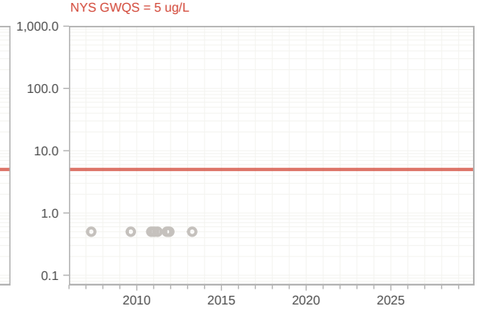
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Chloromethane (ug/L)

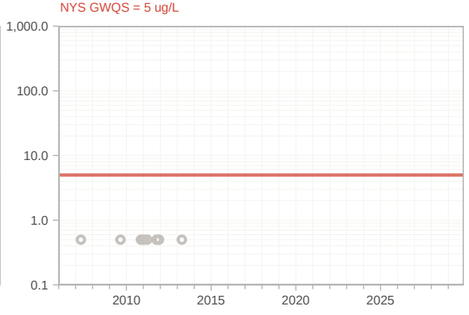
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

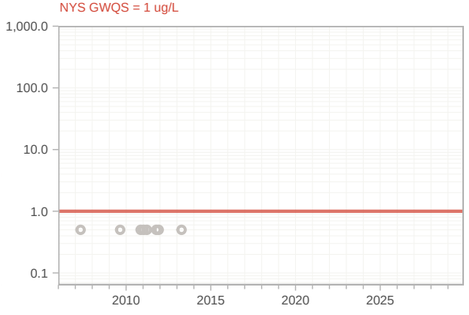
NYS GWQS = 5 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

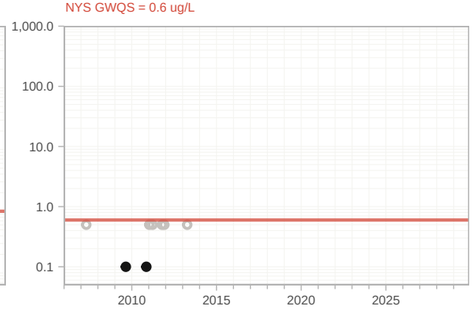
NYS GWQS = 1 ug/L



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 8; ND = 6; %ND = 75; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
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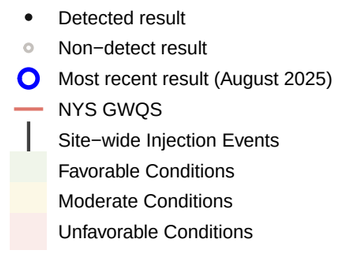
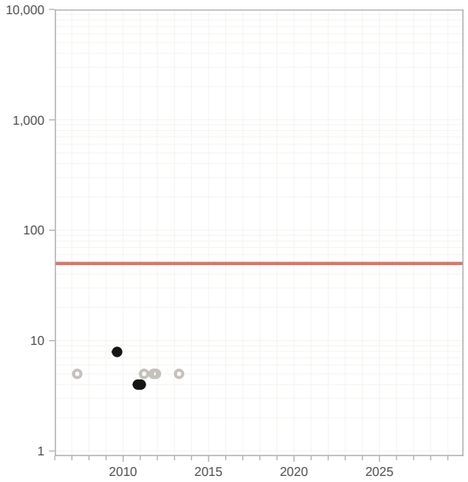


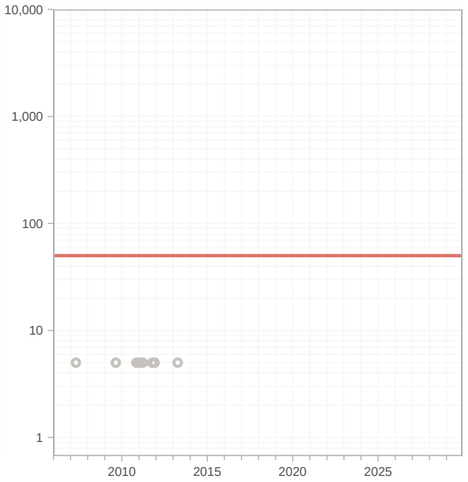
SEEP1 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



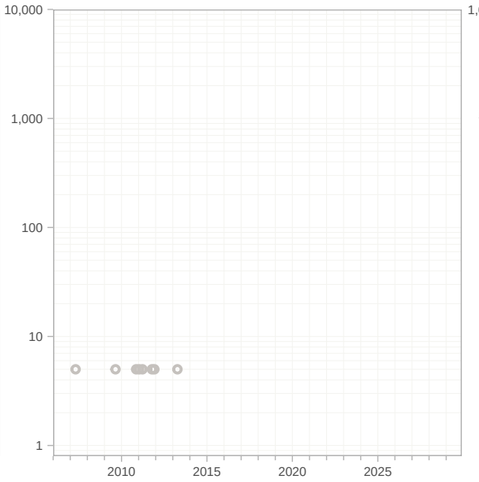
All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Butanone (2−) (MEK) (ug/L)



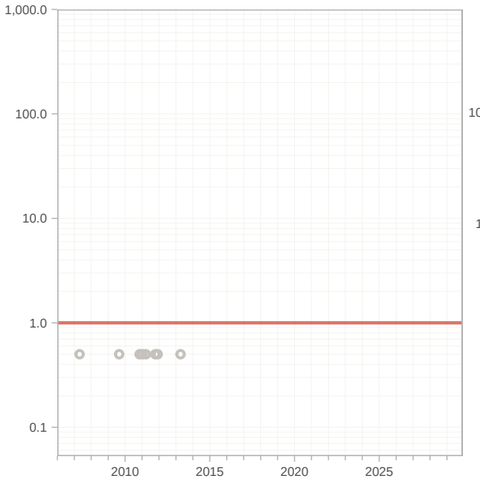
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



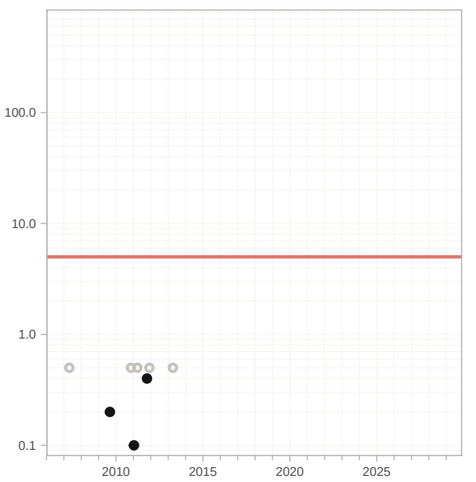
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Benzene (ug/L)



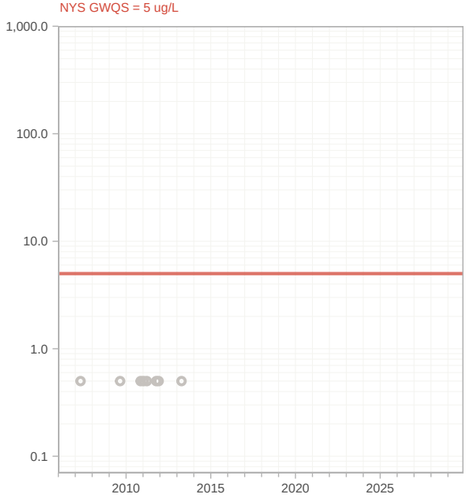
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Toluene (ug/L)



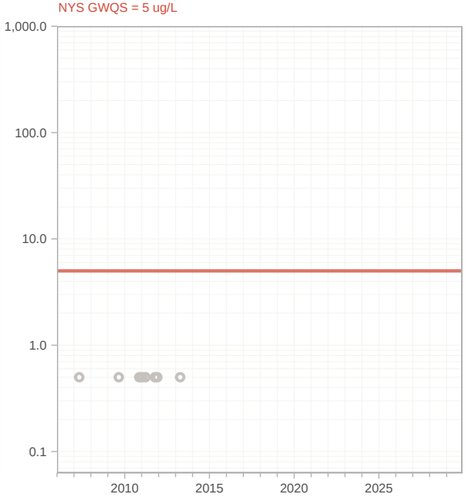
All | N = 8; ND = 5; %ND = 62.5; M−K = no trend

Ethylbenzene (ug/L)



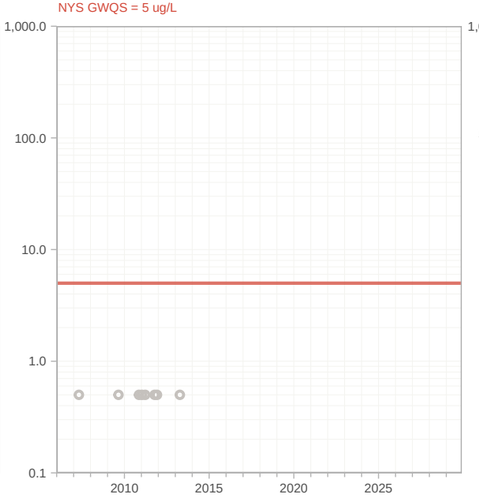
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



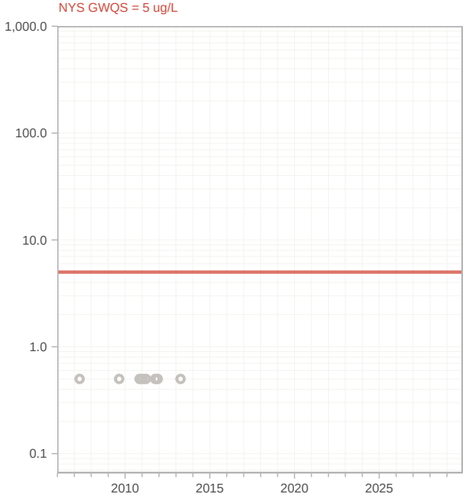
All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 8; ND = 8; %ND = 100; M−K = no trend

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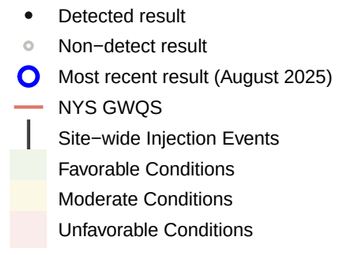
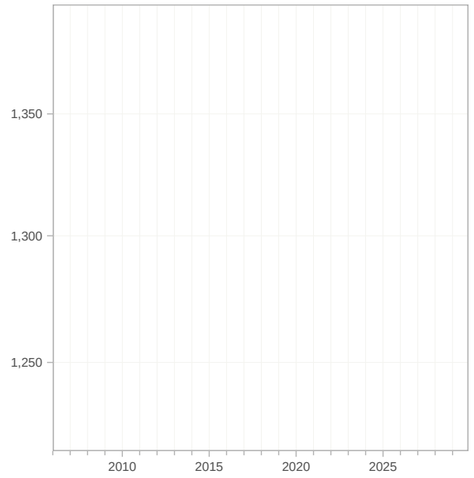


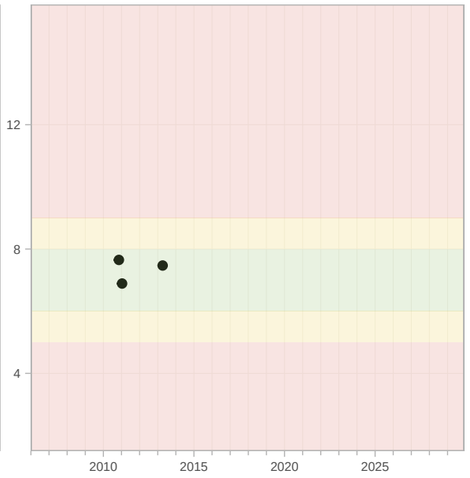
SEEP1 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



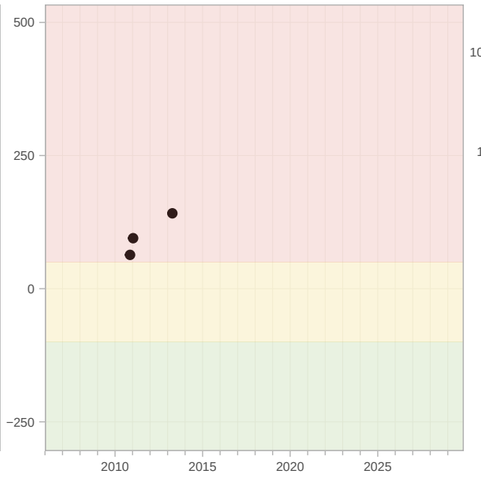
No Data

pH (SU)



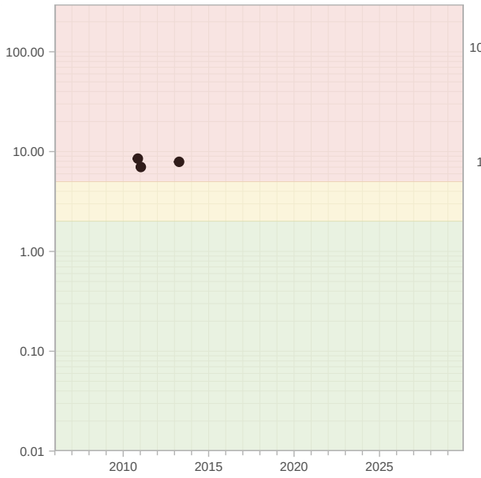
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



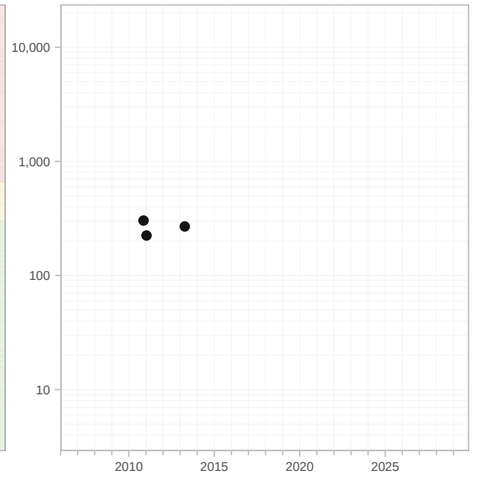
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



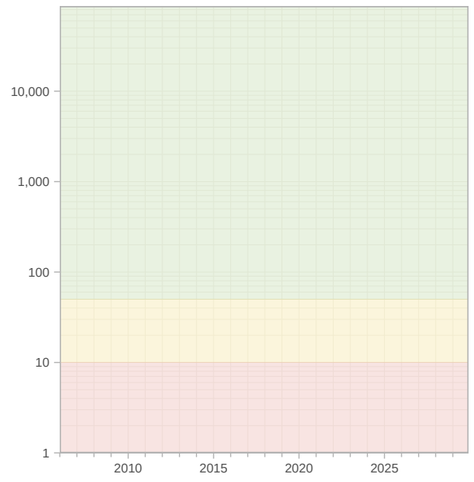
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



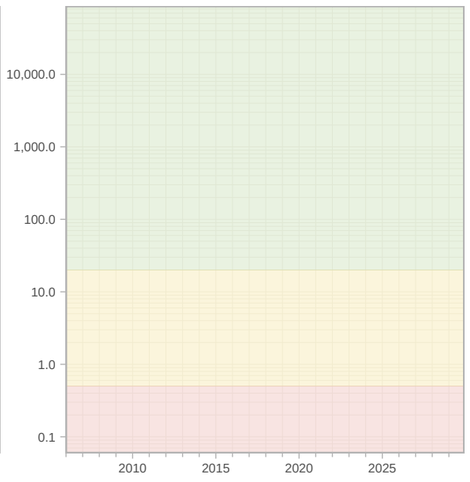
All | N = 3; ND = 0; %ND = 0; M−K = insufficient data

Sulfide



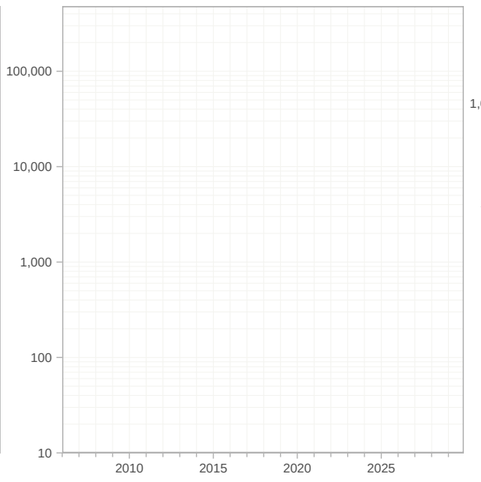
No Data

Methane



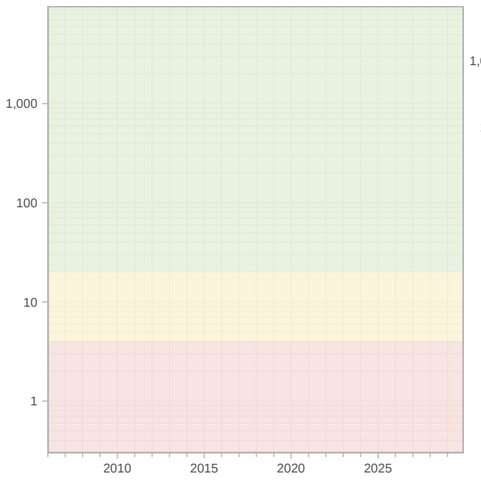
No Data

Iron − Ferrous



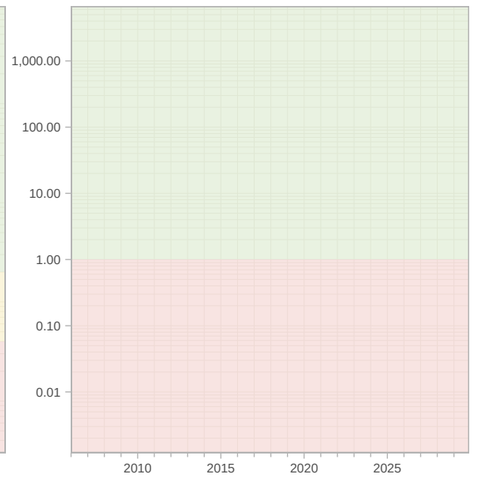
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
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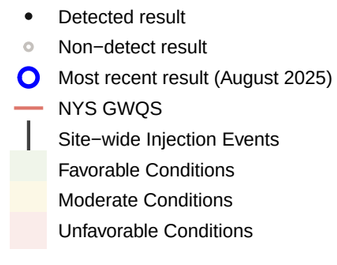
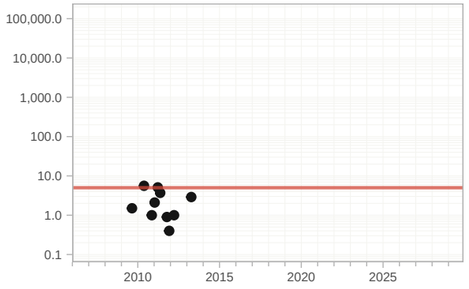


SEEP2 (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

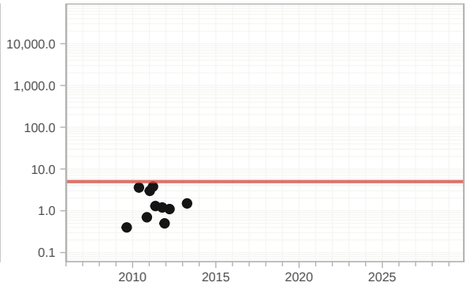
NYS GWQS = 5 ug/L



All | N = 10; ND = 0; %ND = 0; M−K = stable

Dichloroethene (cis−1,2−) (ug/L)

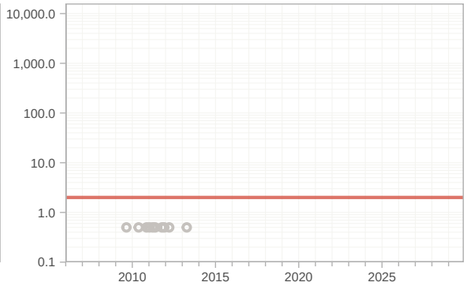
NYS GWQS = 5 ug/L



All | N = 10; ND = 0; %ND = 0; M−K = stable

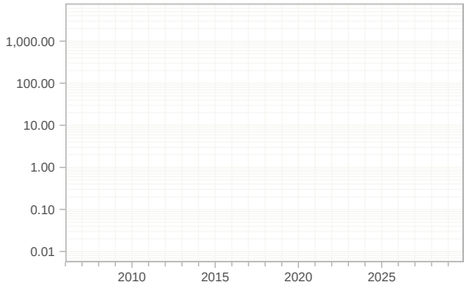
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



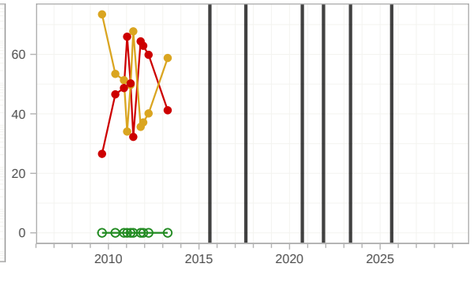
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Ethane + Ethene



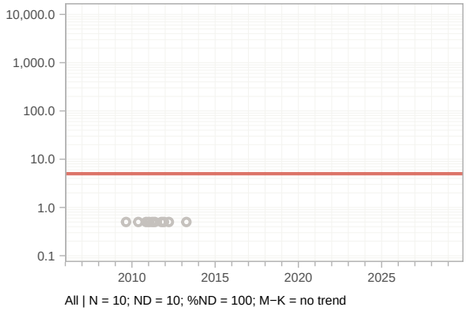
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

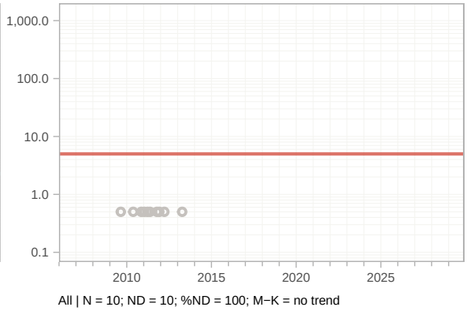
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethene (1,1−) (ug/L)

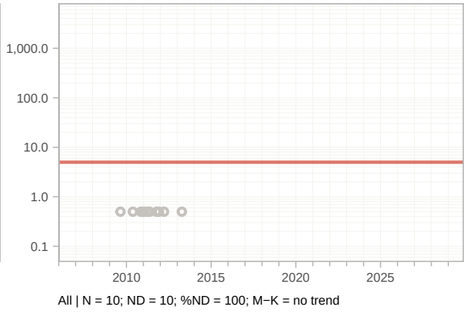
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Tetrachloroethene (PCE) (ug/L)

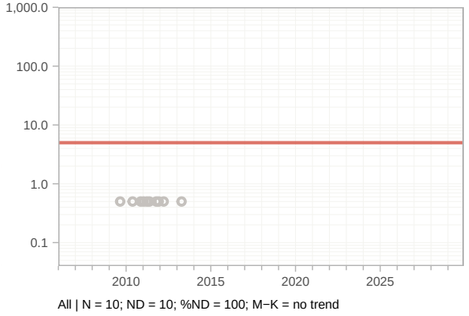
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Carbon tetrachloride (ug/L)

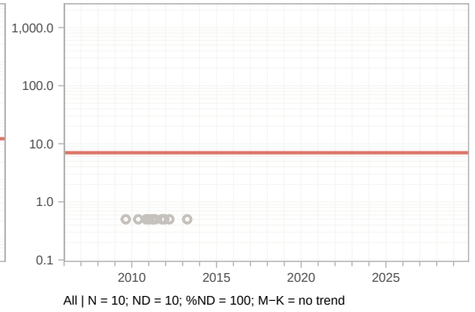
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloroform (Trichloromethane) (ug/L)

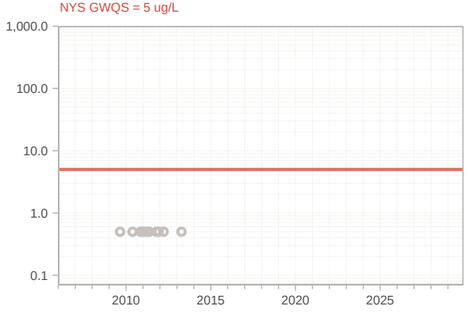
NYS GWQS = 7 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Methylene Chloride (Dichloromethane) (ug/L

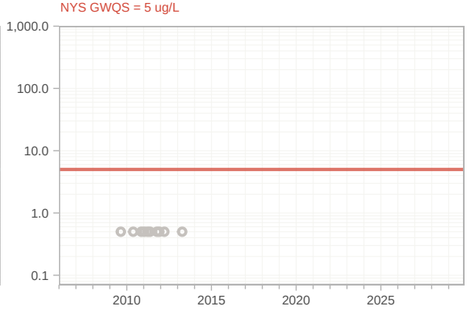
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Chloromethane (ug/L)

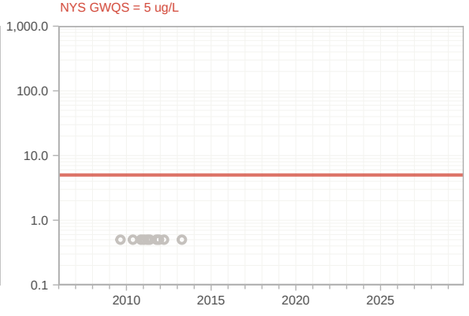
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,1−) (ug/L)

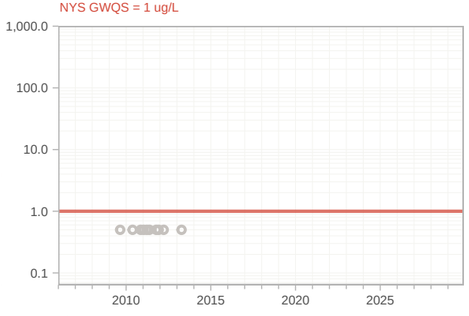
NYS GWQS = 5 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Trichloroethane (1,1,2−) (ug/L)

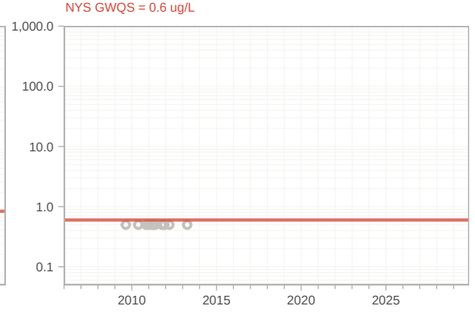
NYS GWQS = 1 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 10; ND = 10; %ND = 100; M−K = no trend

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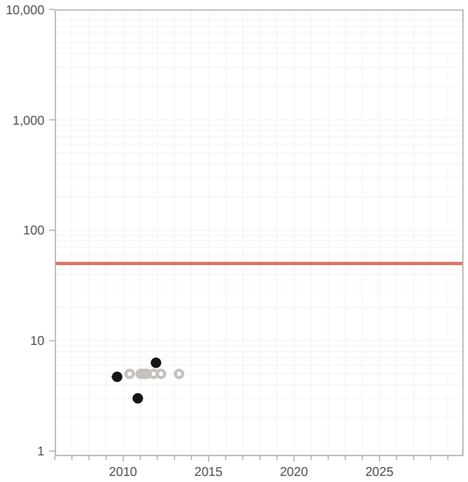
- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

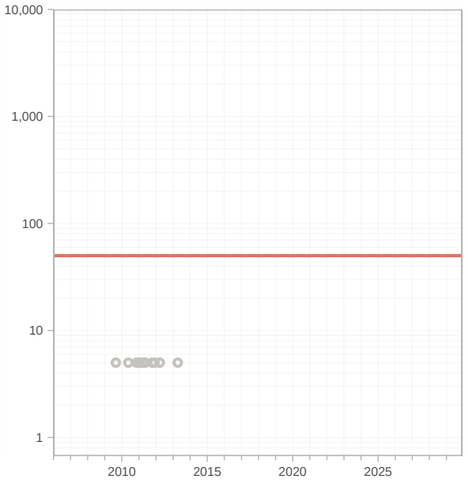
SEEP2 (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



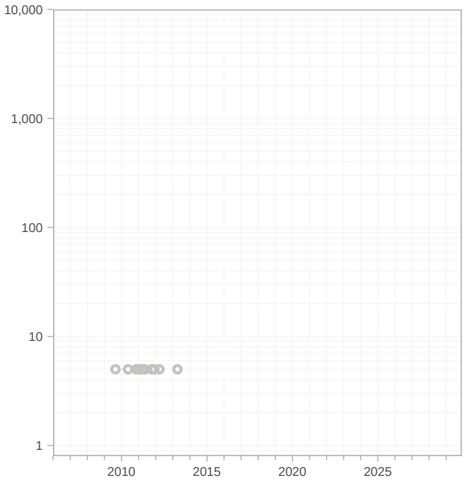
All | N = 10; ND = 7; %ND = 70; M−K = no trend

Butanone (2−) (MEK) (ug/L)



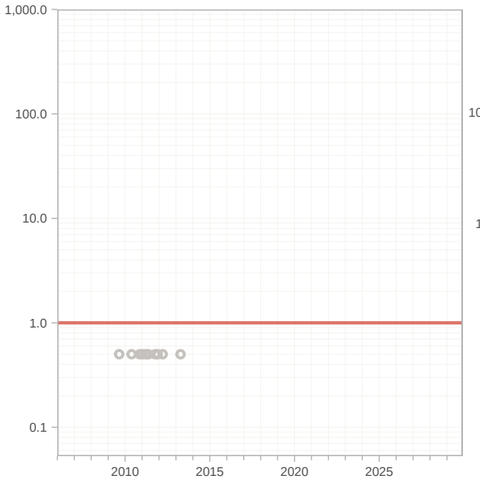
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Methyl−2−pentanone (4−) (MIBK) (ug/L)



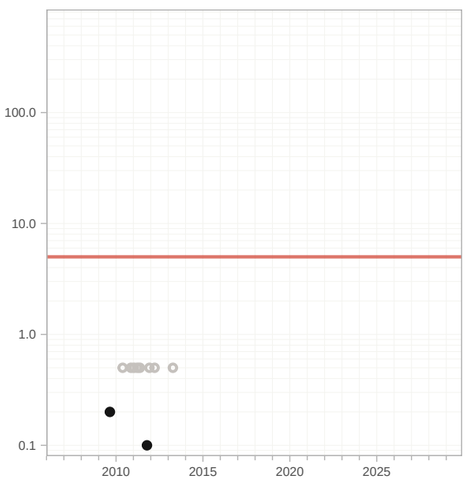
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Benzene (ug/L)



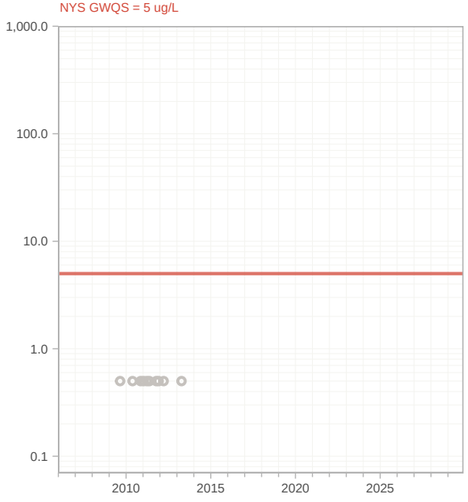
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Toluene (ug/L)



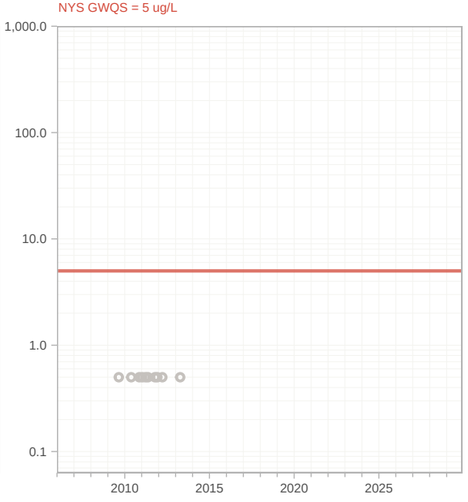
All | N = 10; ND = 8; %ND = 80; M−K = no trend

Ethylbenzene (ug/L)



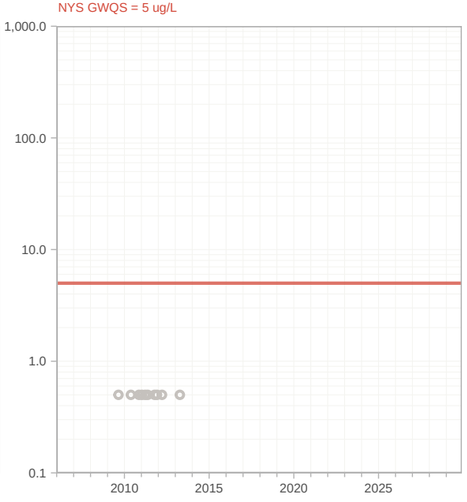
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Isopropylbenzene (Cumene) (ug/L)



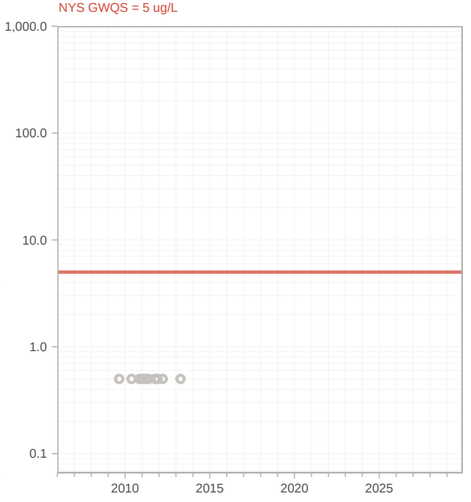
All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (m,p−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Xylene (o−) (ug/L)



All | N = 10; ND = 10; %ND = 100; M−K = no trend

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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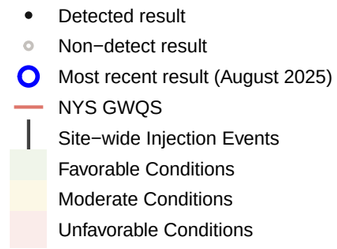
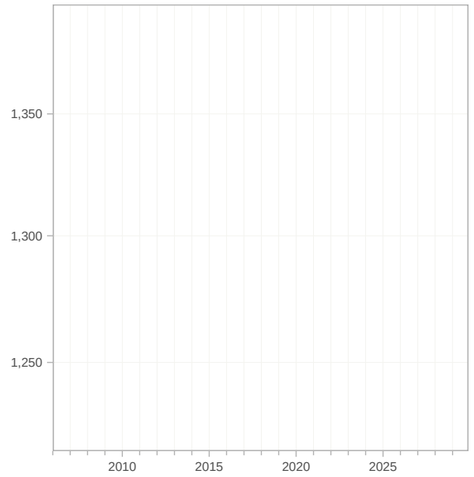
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



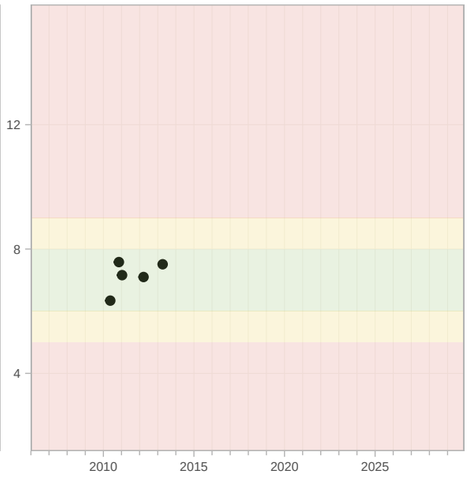
SEEP2 (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



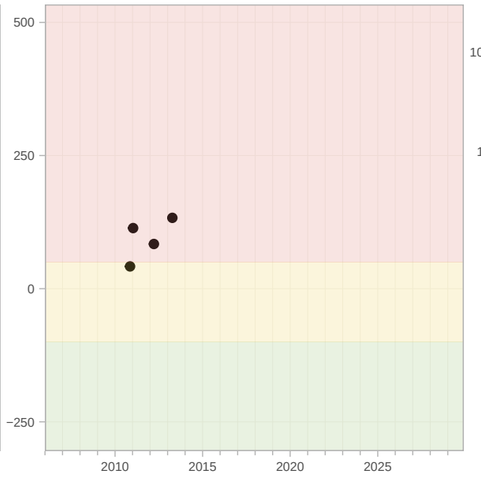
No Data

pH (SU)



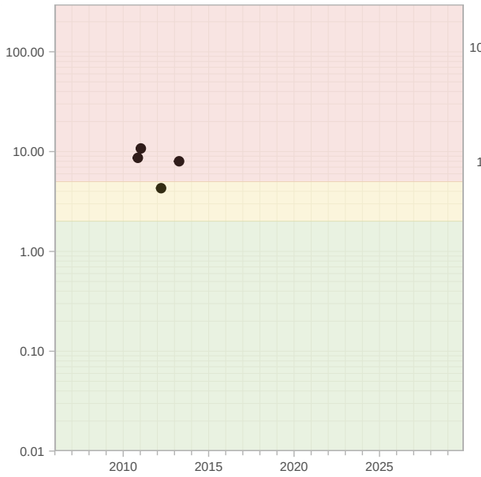
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Oxidation/Reduction Potential (mV)



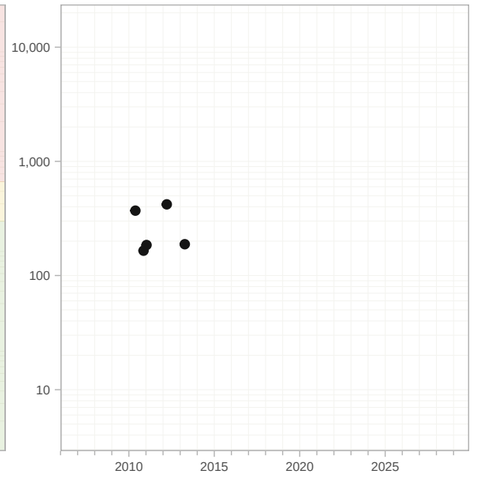
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Dissolved Oxygen (mg/L)



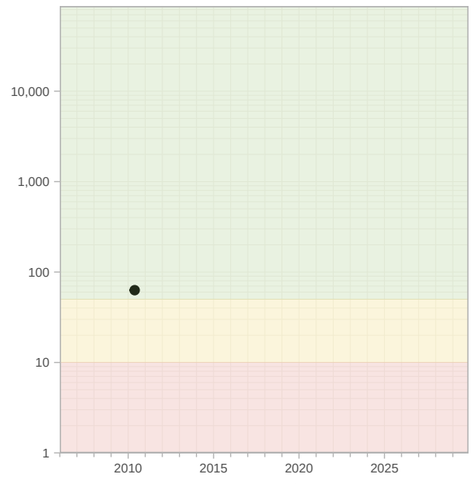
All | N = 4; ND = 0; %ND = 0; M−K = insufficient data

Specific Conductance (uS/cm)



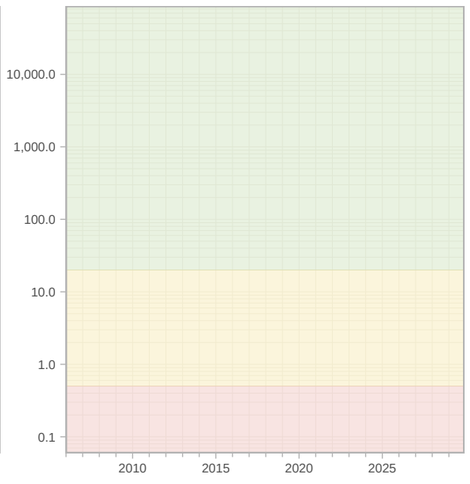
All | N = 5; ND = 0; %ND = 0; M−K = insufficient data

Sulfide (ug/L)



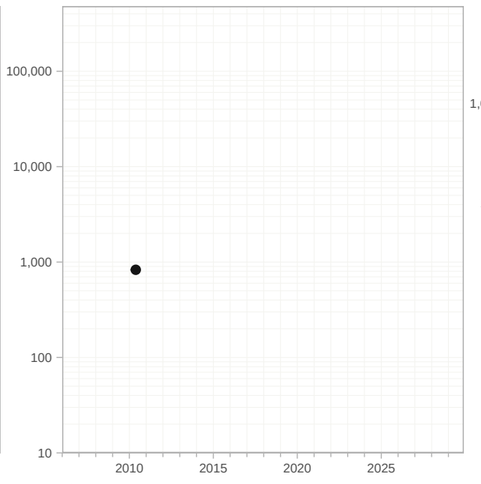
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Methane



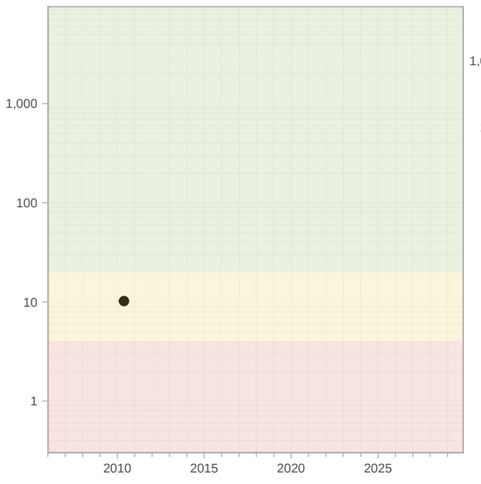
No Data

Iron − Ferrous (ug/L)



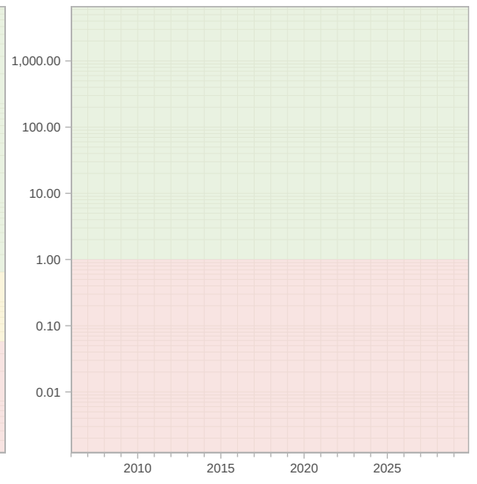
All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Organic Carbon (mg/L)



All | N = 1; ND = 0; %ND = 0; M−K = insufficient data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
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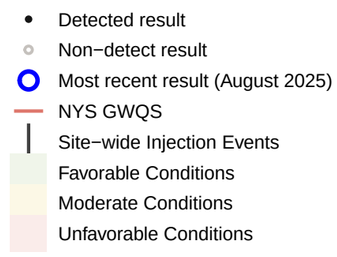
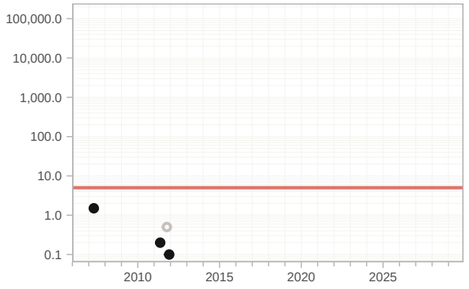
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



SWA (Page 1 of 3) : All Other Monitoring Locations – Shallow and Deep

Trichloroethene (TCE) (ug/L)

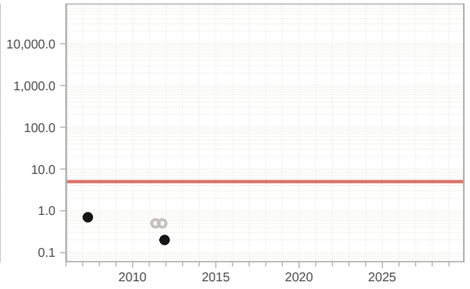
NYS GWQS = 5 ug/L



All | N = 4; ND = 1; %ND = 25; M−K = insufficient data

Dichloroethene (cis−1,2−) (ug/L)

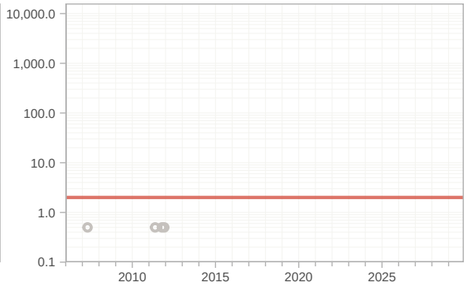
NYS GWQS = 5 ug/L



All | N = 4; ND = 2; %ND = 50; M−K = insufficient data

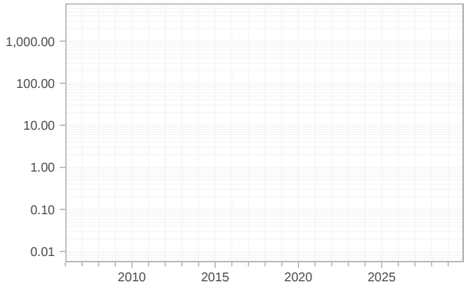
Vinyl chloride (ug/L)

NYS GWQS = 2 ug/L



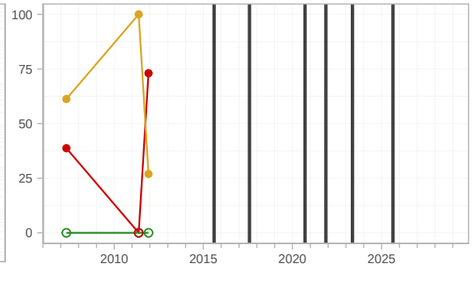
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Ethane + Ethene



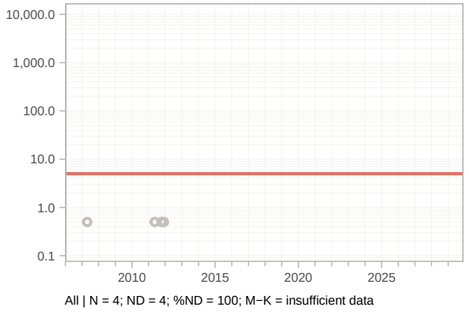
No Data

Molar Composition (%)



Dichloroethene (trans−1,2−) (ug/L)

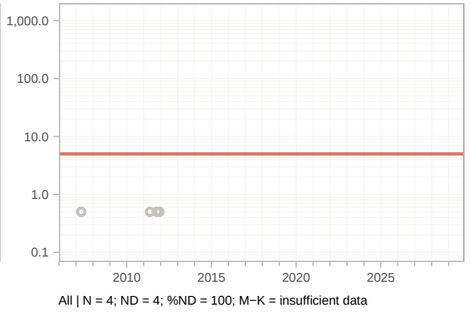
NYS GWQS = 5 ug/L



All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Dichloroethene (1,1−) (ug/L)

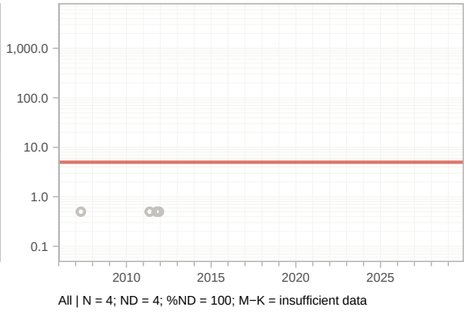
NYS GWQS = 5 ug/L



All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Tetrachloroethene (PCE) (ug/L)

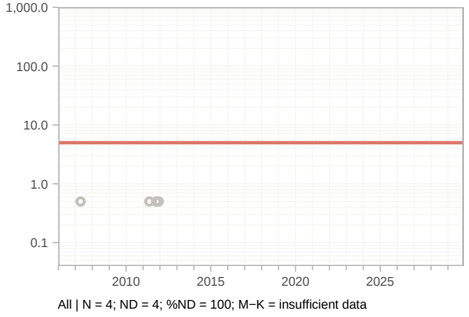
NYS GWQS = 5 ug/L



All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Carbon tetrachloride (ug/L)

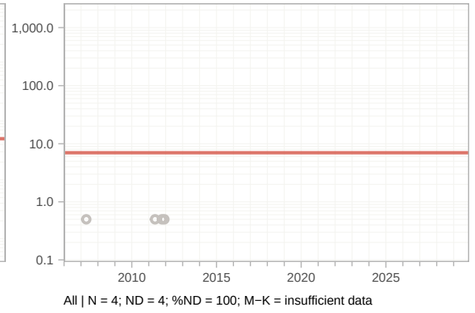
NYS GWQS = 5 ug/L



All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Chloroform (Trichloromethane) (ug/L)

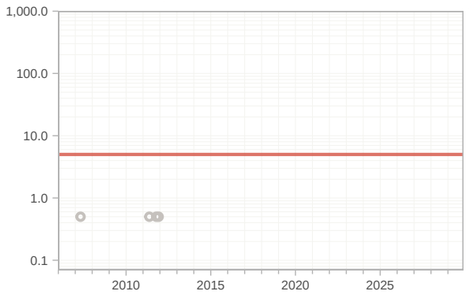
NYS GWQS = 7 ug/L



All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Methylene Chloride (Dichloromethane) (ug/L

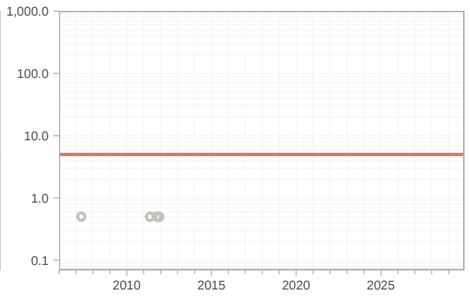
NYS GWQS = 5 ug/L



All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Chloromethane (ug/L)

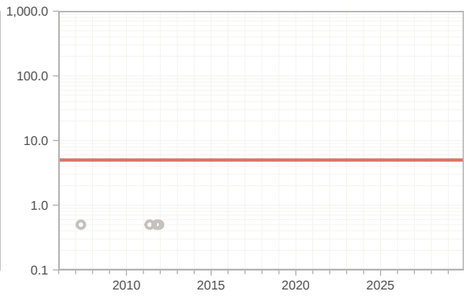
NYS GWQS = 5 ug/L



All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,1−) (ug/L)

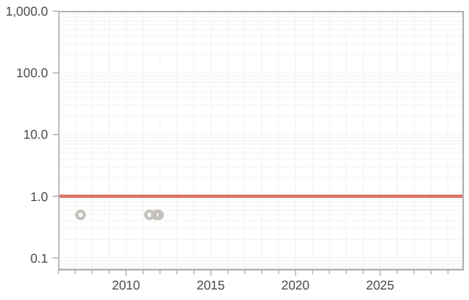
NYS GWQS = 5 ug/L



All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Trichloroethane (1,1,2−) (ug/L)

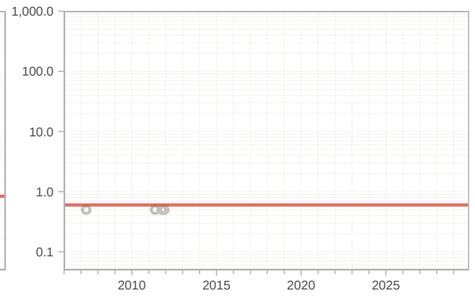
NYS GWQS = 1 ug/L



All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Dichloroethane (1,2−) (ug/L)

NYS GWQS = 0.6 ug/L



All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

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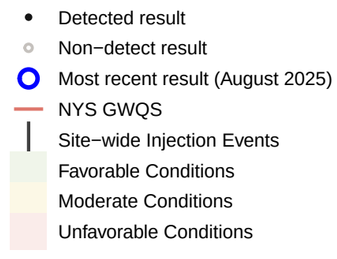
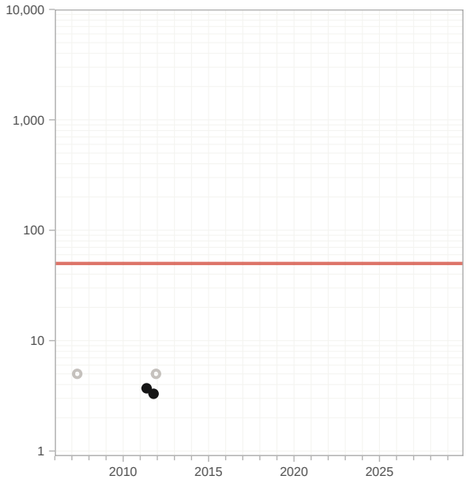


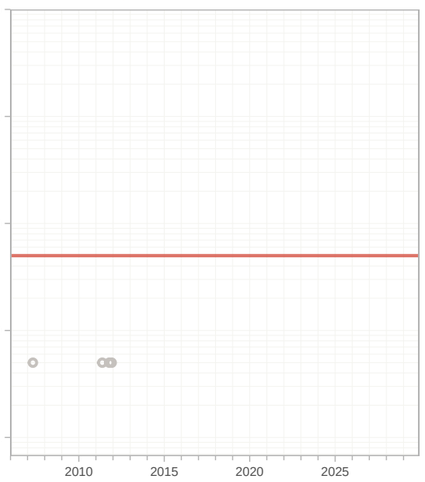
SWA (Page 2 of 3) : All Other Monitoring Locations – Shallow and Deep

Acetone (ug/L)



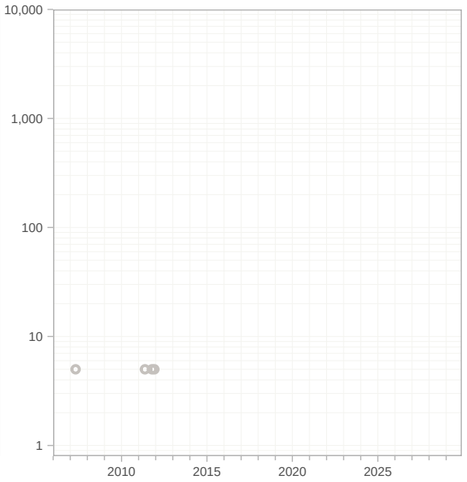
All | N = 4; ND = 2; %ND = 50; M−K = insufficient data

Butanone (2−) (MEK) (ug/L)



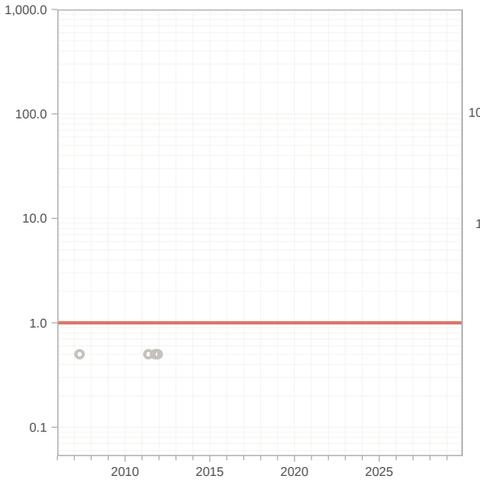
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Methyl−2−pentanone (4−) (MIBK) (ug/L)



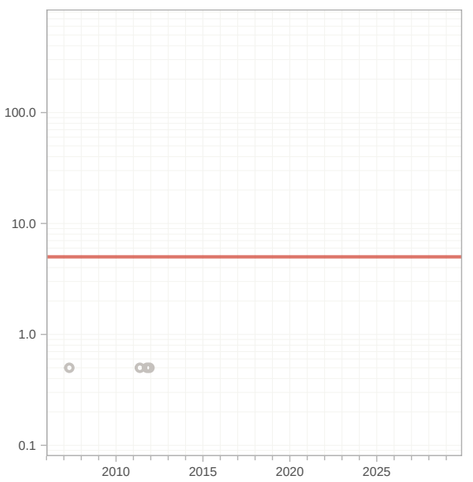
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Benzene (ug/L)



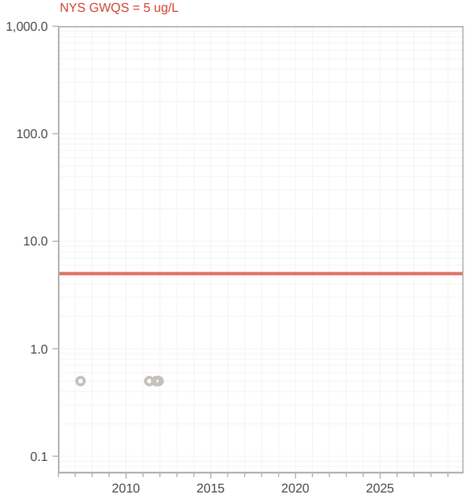
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Toluene (ug/L)



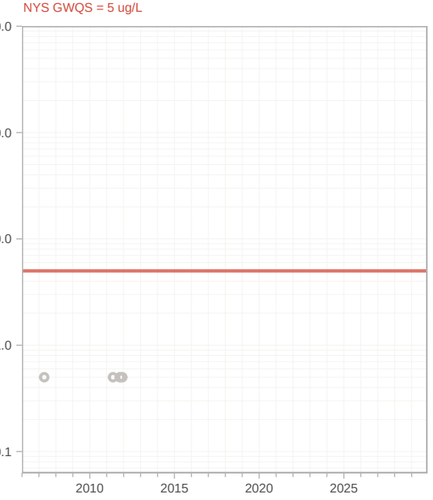
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Ethylbenzene (ug/L)



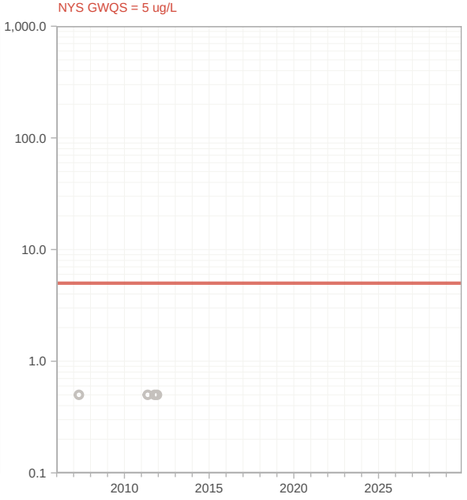
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Isopropylbenzene (Cumene) (ug/L)



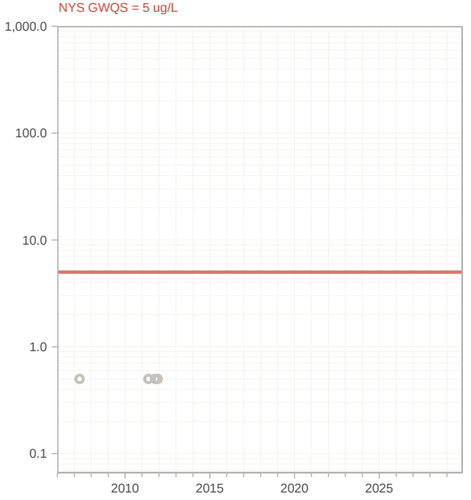
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Xylene (m,p−) (ug/L)



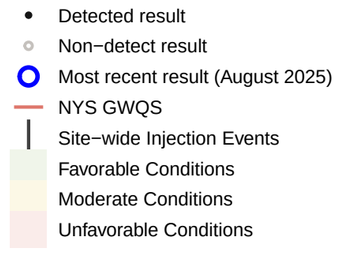
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Xylene (o−) (ug/L)



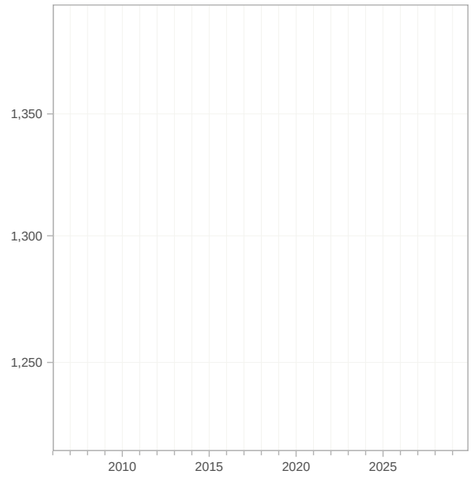
All | N = 4; ND = 4; %ND = 100; M−K = insufficient data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.



SWA (Page 3 of 3) : All Other Monitoring Locations – Shallow and Deep

Groundwater Elevation



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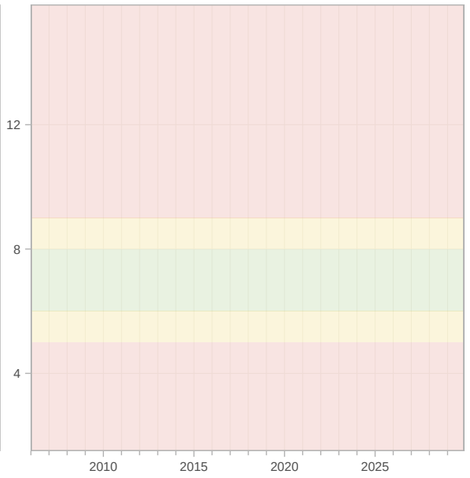
pH



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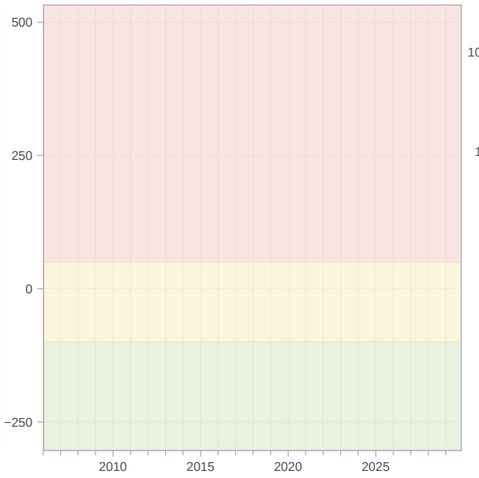
Oxidation/Reduction Potential



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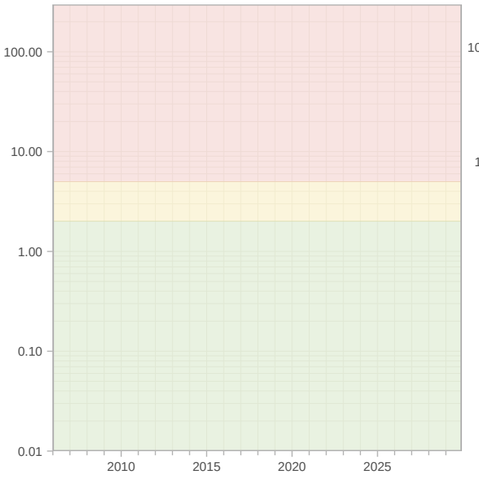
Dissolved Oxygen



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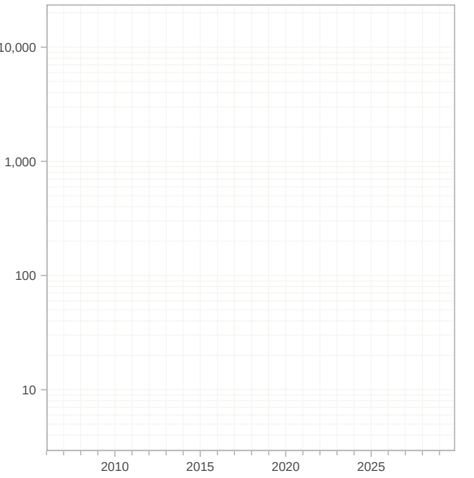
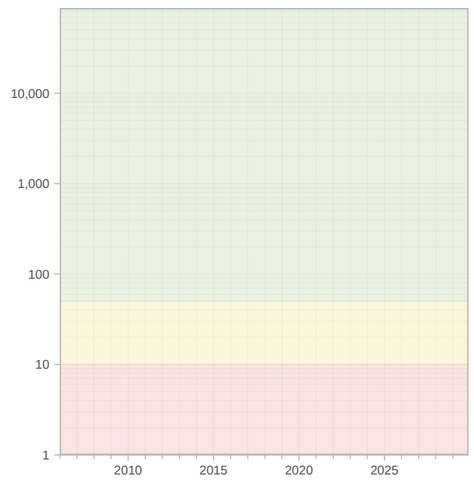
Specific Conductance



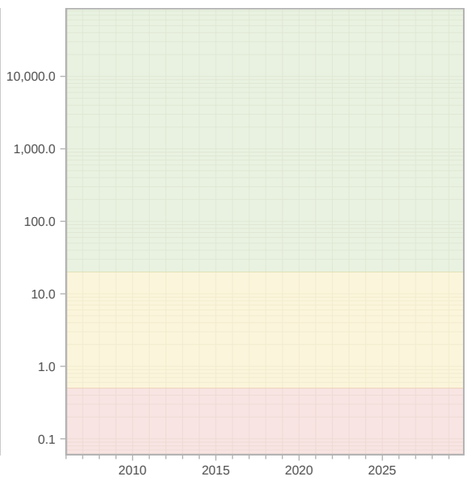
No Data

Sulfide



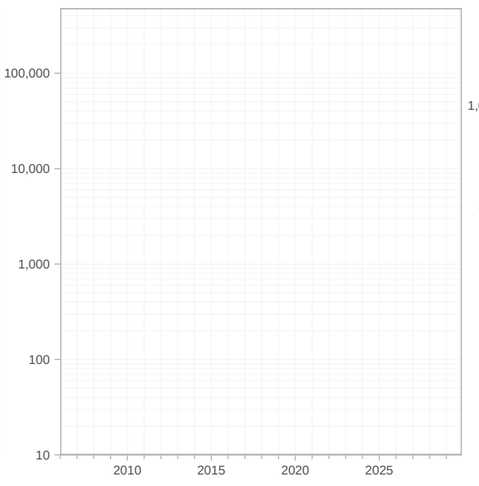
No Data

Methane



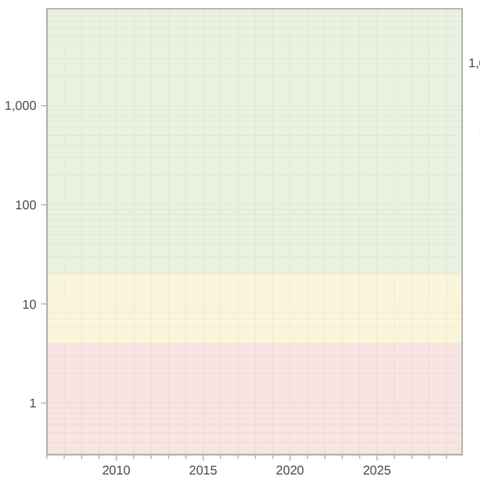
No Data

Iron − Ferrous



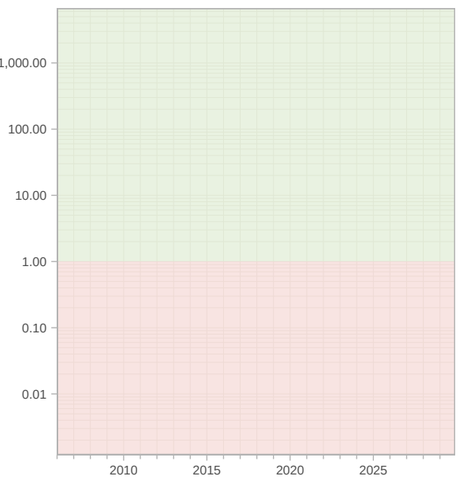
No Data

Total Organic Carbon



No Data

Total Volatile Fatty Acids



No Data

Notes:
−'N' indicates the number of observations, 'ND' indicates the number of observations that were not detected above the laboratory's reporting limit,
'%ND' indicates the percent of observations that were not detected, 'M−K' indicates the trend results of the Mann−Kendall analyses.
−'All' indicates the results of a Mann−Kendall analysis using all available historical data through 08/07/2025.
−Favorable and unfavorable conditions indicate whether a geochemical indicator of reducing conditions is conducive or not conducive to reductive dehalogenation, respectively.
Moderate conditions indicate the reductive dehalogenation may be possible, but conditions are less conducive.
−'NYS GWQS' refers to the New York State Part 703 Surface Water and Groundwater Quality Standards from regulation 6 CRR−NY 703.5, NYS Department of Environmental Conservation.
−The total molar concentration of VOCs is the sum of TCE, cis−1,2−DCE, trans−1,2−DCE, 1,1,−DCE, vinyl chloride, and ethene and ethane. If a result was non−detect, this was treated as 0 ug/L.

- Detected result
- Non−detect result
- Most recent result (August 2025)
- NYS GWQS
- Site−wide Injection Events
- Favorable Conditions
- Moderate Conditions
- Unfavorable Conditions

Appendix C

Tabular Groundwater Quality Results

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Notes:

1. Abbreviations:
   ft amsl = feet above mean sea level
   ft ref. pt. = feet below well reference point.

2. "†" indicates the depth to water was below the depth of the passive diffusion bag (PDB). The water level shown is after PDB removal.

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
A-1	10/28/13	1391.11	9.52	1381.59
A-1	04/14/14	1391.11	9.30	1381.81
A-1	06/02/14	1391.11	7.16	1383.95
A-1	09/08/14	1391.11	8.92	1382.19
A-1	11/17/14	1391.11	9.53	1381.58
A-1	04/06/15	1391.11	9.33	1381.78
A-1	06/22/15	1391.11	8.62	1382.49
A-1	09/21/15	1391.11	3.38	1387.73
A-1	11/16/15	1391.11	5.15	1385.96
A-1	04/11/16	1391.11	6.65	1384.46
A-1	06/20/16	1391.11	6.12	1384.99
A-1	04/24/17	1391.11	6.86	1384.25
A-1	06/19/17	1391.11	7.16	1383.95
A-1	10/09/17	1391.11	8.04	1383.07
A-1	04/18/18	1391.11	4.30	1386.81
A-1	06/11/18	1391.11	5.67	1385.44
A-1	09/24/18	1391.11	4.41	1386.70
A-1	03/25/19	1391.11	4.28	1386.83
A-1	06/10/19	1391.11	5.22	1385.89
A-1	09/16/19	1391.11	6.32	1384.79
A-1	04/14/20	1391.11	5.60	1385.51
A-1	09/08/20	1391.11	7.10	1384.01
A-1	11/09/20	1391.11	6.25	1384.86
A-1	04/12/21	1391.11	5.38	1385.73
A-1	06/28/21	1391.11	5.66	1385.45
A-1	10/12/21	1391.11	6.29	1384.82
A-1	04/11/22	1391.11	5.94	1385.17
A-1	08/02/22	1391.11	6.20	1384.91
A-1	10/10/22	1391.11	6.62	1384.49
A-1	04/24/23	1391.11	5.17	1385.94
A-1	08/07/23	1391.11	5.69	1385.42
A-1	10/30/23	1391.11	5.16	1385.95
A-1	04/08/24	1391.11	4.16	1386.95
A-1	08/12/24	1391.11	5.37	1385.74
A-1	11/11/24	1391.11	5.67	1385.44
A-1	04/07/25	1391.11	4.55	1386.56
A-1	08/04/25	1391.11	5.46	1385.66
A-2	10/28/13	1390.68	8.90	1381.78
A-2	04/14/14	1390.68	4.35	1386.33
A-2	06/02/14	1390.68	5.88	1384.80
A-2	09/08/14	1390.68	8.88	1381.80
A-2	11/17/14	1390.68	7.71	1382.97
A-2	04/06/15	1390.68	6.50	1384.18
A-2	06/22/15	1390.68	6.35	1384.33
A-2	09/21/15	1390.68	5.15	1385.53
A-2	11/16/15	1390.68	6.38	1384.30
A-2	04/11/16	1390.68	2.62	1388.06
A-2	06/20/16	1390.68	6.56	1384.12
A-2	04/24/17	1390.68	4.30	1386.38
A-2	06/19/17	1390.68	4.99	1385.69
A-2	10/09/17	1390.68	6.41	1384.27
A-2	04/18/18	1390.68	4.34	1386.34
A-2	06/11/18	1390.68	4.73	1385.95
A-2	09/24/18	1390.68	4.06	1386.62
A-2	03/25/19	1390.68	4.50	1386.18
A-2	06/10/19	1390.68	3.78	1386.90
A-2	09/16/19	1390.68	6.25	1384.43
A-2	04/14/20	1390.68	5.06	1385.62
A-2	09/08/20	1390.68	6.90	1383.78
A-2	11/09/20	1390.68	6.54	1384.14
A-2	04/12/21	1390.68	5.10	1385.58
A-2	06/28/21	1390.68	6.11	1384.57
A-2	10/12/21	1390.68	5.83	1384.85
A-2	04/11/22	1390.68	4.80	1385.88
A-2	08/02/22	1390.68	6.03	1384.65
A-2	10/10/22	1390.68	6.21	1384.47
A-2	04/24/23	1390.68	4.55	1386.13
A-2	08/07/23	1390.68	5.05	1385.63
A-2	10/30/23	1390.68	3.68	1387.00
A-2	04/08/24	1390.68	3.17	1387.51
A-2	08/12/24	1390.68	4.25	1386.43
A-2	11/11/24	1390.68	6.04	1384.64
A-2	04/07/25	1390.68	3.51	1387.17
A-2	08/04/25	1390.68	2.44	1388.24
A-3	10/28/13	1392.74	13.44	1379.30
A-3	04/14/14	1392.74	9.13	1383.61
A-3	06/02/14	1392.74	10.23	1382.51
A-3	09/08/14	1392.74	12.70	1380.04
A-3	11/17/14	1392.74	13.98	1378.76
A-3	04/06/15	1392.74	13.80	1378.94
A-3	06/22/15	1392.74	12.57	1380.17
A-3	09/21/15	1392.74	4.70	1388.04
A-3	11/16/15	1392.74	7.17	1385.57
A-3	04/11/16	1392.74	3.97	1388.77
A-3	06/20/16	1392.74	9.88	1382.86

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
A-3	04/24/17	1392.74	11.51	1381.23
A-3	06/19/17	1392.74	11.78	1380.96
A-3	10/09/17	1392.74	3.78	1388.96
A-3	04/18/18	1392.74	7.01	1385.73
A-3	06/11/18	1392.74	7.49	1385.25
A-3	09/24/18	1392.74	8.58	1384.16
A-3	03/25/19	1392.74	9.48	1383.26
A-3	06/10/19	1392.74	9.58	1383.16
A-3	09/16/19	1392.74	10.15	1382.59
A-3	04/14/20	1392.74	14.63	1378.11
A-3	09/08/20	1392.74	13.61	1379.13
A-3	11/09/20	1392.74	4.60	1388.14
A-3	04/12/21	1392.74	6.13	1386.61
A-3	06/28/21	1392.74	6.66	1386.08
A-3	10/12/21	1392.74	7.49	1385.25
A-3	04/11/22	1392.74	3.45	1389.29
A-3	08/02/22	1392.74	3.93	1388.81
A-3	10/10/22	1392.74	4.50	1388.24
A-3	04/24/23	1392.74	5.56	1387.18
A-3	08/07/23	1392.74	5.95	1386.79
A-3	10/30/23	1392.74	6.31	1386.43
A-3	04/08/24	1392.74	6.58	1386.16
A-3	08/12/24	1392.74	7.27	1385.47
A-3	11/11/24	1392.74	7.39	1385.35
A-3	04/07/25	1392.74	7.40	1385.34
A-3	08/04/25	1392.74	7.72	1385.02
A-4	10/28/13	1397.56	15.68	1381.88
A-4	04/14/14	1397.56	13.68	1383.88
A-4	04/16/14	1397.56	13.72	1383.84
A-4	06/02/14	1397.56	14.50	1383.06
A-4	09/08/14	1397.56	14.95	1382.61
A-4	11/17/14	1397.56	15.82	1381.74
A-4	04/06/15	1397.56	15.51	1382.05
A-4	06/22/15	1397.56	14.59	1382.97
A-4	09/21/15	1397.56	13.38	1384.18
A-4	11/16/15	1397.56	4.99	1392.57
A-4	04/11/16	1397.56	13.27	1384.29
A-4	06/20/16	1397.56	6.95	1390.61
A-4	04/24/17	1397.56	9.29	1388.27
A-4	06/19/17	1397.56	9.65	1387.91
A-4	10/09/17	1397.56	2.18	1395.38
A-4	04/18/18	1397.56	5.30	1392.26
A-4	06/11/18	1397.56	5.84	1391.72
A-4	09/24/18	1397.56	7.03	1390.53
A-4	03/25/19	1397.56	8.55	1389.01
A-4	06/10/19	1397.56	9.41	1388.15
A-4	09/16/19	1397.56	9.91	1387.65
A-4	04/14/20	1397.56	20.50	1377.06
A-4	09/08/20	1397.56	20.08	1377.48
A-4	11/09/20	1397.56	6.07	1391.49
A-4	04/12/21	1397.56	7.06	1390.50
A-4	06/28/21	1397.56	7.39	1390.17
A-4	10/12/21	1397.56	7.94	1389.62
A-4	04/11/22	1397.56	2.94	1394.62
A-4	08/02/22	1397.56	3.53	1394.03
A-4	10/10/22	1397.56	3.94	1393.62
A-4	04/24/23	1397.56	4.65	1392.91
A-4	08/07/23	1397.56	5.09	1392.47
A-4	10/30/23	1397.56	5.60	1391.96
A-4	04/08/24	1397.56	6.08	1391.48
A-4	08/12/24	1397.56	6.96	1390.60
A-4	11/11/24	1397.56	6.94	1390.62
A-4	04/07/25	1397.56	7.28	1390.28
A-4	08/04/25	1397.56	7.51	1390.05
A-5	10/28/13	1397.40	15.41	1381.99
A-5	04/14/14	1397.40	11.10	1386.30
A-5	06/02/14	1397.40	11.76	1385.64
A-5	09/08/14	1397.40	17.10	1380.30
A-5	11/17/14	1397.40	17.73	1379.67
A-5	04/06/15	1397.40	17.71	1379.69
A-5	06/22/15	1397.40	17.08	1380.32
A-5	09/21/15	1397.40	3.10	1394.30
A-5	11/16/15	1397.40	4.84	1392.56
A-5	04/11/16	1397.40	17.22	1380.18
A-5	06/20/16	1397.40	6.89	1390.51
A-5	04/24/17	1397.40	8.42	1388.98
A-5	06/19/17	1397.40	8.92	1388.48
A-5	10/09/17	1397.40	1.45	1395.95
A-5	04/18/18	1397.40	3.62	1393.78
A-5	06/11/18	1397.40	4.05	1393.35
A-5	09/24/18	1397.40	4.88	1392.52
A-5	03/25/19	1397.40	5.99	1391.41
A-5	06/10/19	1397.40	6.72	1390.68
A-5	09/16/19	1397.40	6.90	1390.50
A-5	04/14/20	1397.40	21.81	1375.59

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
A-5	09/08/20	1397.40	21.65	1375.75
A-5	11/09/20	1397.40	8.88	1388.52
A-5	04/12/21	1397.40	9.28	1388.12
A-5	06/28/21	1397.40	9.42	1387.98
A-5	10/12/21	1397.40	9.68	1387.72
A-5	04/11/22	1397.40	1.42	1395.98
A-5	08/02/22	1397.40	2.12	1395.28
A-5	10/10/22	1397.40	2.63	1394.77
A-5	04/24/23	1397.40	3.53	1393.87
A-5	08/07/23	1397.40	3.95	1393.45
A-5	10/30/23	1397.40	4.42	1392.98
A-5	04/08/24	1397.40	5.08	1392.32
A-5	08/12/24	1397.40	5.93	1391.47
A-5	11/11/24	1397.40	5.99	1391.41
A-5	04/07/25	1397.40	6.60	1390.80
A-5	08/04/25	1397.40	6.92	1390.48
A-6	10/28/13	1397.86	15.35	1382.51
A-6	04/14/14	1397.86	11.90	1385.96
A-6	06/02/14	1397.86	12.16	1385.70
A-6	08/08/14	1397.86	13.58	1384.28
A-6	11/17/14	1397.86	15.00	1382.86
A-6	04/07/15	1397.86	5.90	1391.96
A-6	06/22/15	1397.86	13.59	1384.27
A-6	09/21/15	1397.86	2.39	1395.47
A-6	11/16/15	1397.86	3.97	1393.89
A-6	04/11/16	1397.86	10.93	1386.93
A-6	06/20/16	1397.86	6.33	1391.53
A-6	04/24/17	1397.86	8.76	1389.10
A-6	06/19/17	1397.86	9.30	1388.56
A-6	10/09/17	1397.86	1.33	1396.53
A-6	04/18/18	1397.86	3.35	1394.51
A-6	06/11/18	1397.86	3.80	1394.06
A-6	09/24/18	1397.86	4.74	1393.12
A-6	03/25/19	1397.86	4.93	1392.93
A-6	06/10/19	1397.86	5.08	1392.78
A-6	09/16/19	1397.86	5.96	1391.90
A-6	04/14/20	1397.86	21.14	1376.72
A-6	09/08/20	1397.86	20.88	1376.98
A-6	11/09/20	1397.86	4.25	1393.61
A-6	04/12/21	1397.86	4.85	1393.01
A-6	06/28/21	1397.86	5.14	1392.72
A-6	10/12/21	1397.86	5.38	1392.48
A-6	04/11/22	1397.86	2.61	1395.25
A-6	08/02/22	1397.86	3.04	1394.82
A-6	10/10/22	1397.86	3.25	1394.61
A-6	04/24/23	1397.86	3.71	1394.15
A-6	08/07/23	1397.86	4.13	1393.73
A-6	10/30/23	1397.86	4.47	1393.39
A-6	04/08/24	1397.86	5.12	1392.74
A-6	08/12/24	1397.86	5.94	1391.92
A-6	11/11/24	1397.86	5.96	1391.90
A-6	04/07/25	1397.86	6.06	1391.80
A-6	08/04/25	1397.86	6.77	1391.09
A-7	10/28/13	1397.28	16.98	1380.30
A-7	04/14/14	1397.28	9.20	1388.08
A-7	06/02/14	1397.28	11.20	1386.08
A-7	09/08/14	1397.28	13.80	1383.48
A-7	11/17/14	1397.28	15.10	1382.18
A-7	04/06/15	1397.28	15.95	1381.33
A-7	06/22/15	1397.28	15.65	1381.63
A-7	09/21/15	1397.28	2.02	1395.26
A-7	11/16/15	1397.28	3.03	1394.25
A-7	04/11/16	1397.28	13.51	1383.77
A-7	06/20/16	1397.28	6.46	1390.82
A-7	04/24/17	1397.28	10.52	1386.76
A-7	06/19/17	1397.28	9.06	1388.22
A-7	10/09/17	1397.28	1.65	1395.63
A-7	04/18/18	1397.28	4.69	1392.59
A-7	06/11/18	1397.28	5.37	1391.91
A-7	09/24/18	1397.28	6.98	1390.30
A-7	03/25/19	1397.28	8.72	1388.56
A-7	06/10/19	1397.28	9.11	1388.17
A-7	09/16/19	1397.28	9.89	1387.39
A-7	04/14/20	1397.28	20.31	1376.97
A-7	09/08/20	1397.28	20.28	1377.00
A-7	11/09/20	1397.28	2.67	1394.61
A-7	04/12/21	1397.28	3.45	1393.83
A-7	06/28/21	1397.28	3.82	1393.46
A-7	10/12/21	1397.28	4.24	1393.04
A-7	04/11/22	1397.28	0.74	1396.54
A-7	08/02/22	1397.28	1.48	1395.80
A-7	10/10/22	1397.28	1.31	1395.97
A-7	04/24/23	1397.28	1.89	1395.39
A-7	08/07/23	1397.28	2.17	1395.11
A-7	10/30/23	1397.28	2.40	1394.88

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
A-7	04/08/24	1397.28	2.57	1394.71
A-7	08/12/24	1397.28	3.61	1393.67
A-7	11/11/24	1397.28	3.38	1393.90
A-7	04/07/25	1397.28	3.42	1393.86
A-7	08/04/25	1397.28	3.47	1393.81
A-8	10/28/13	1396.81	14.03	1382.78
A-8	04/14/14	1396.81	7.50	1389.31
A-8	06/02/14	1396.81	8.64	1388.17
A-8	09/08/14	1396.81	10.70	1386.11
A-8	11/17/14	1396.81	12.23	1384.58
A-8	04/06/15	1396.81	15.98	1380.83
A-8	06/22/15	1396.81	12.77	1384.04
A-8	09/21/15	1396.81	2.04	1394.77
A-8	11/16/15	1396.81	3.48	1393.33
A-8	04/11/16	1396.81	12.61	1384.20
A-8	06/20/16	1396.81	6.22	1390.59
A-8	04/24/17	1396.81	8.53	1388.28
A-8	06/19/17	1396.81	9.06	1387.75
A-8	10/09/17	1396.81	1.01	1395.80
A-8	04/18/18	1396.81	2.42	1394.39
A-8	06/11/18	1396.81	2.65	1394.16
A-8	09/24/18	1396.81	3.18	1393.63
A-8	03/25/19	1396.81	3.99	1392.82
A-8	06/10/19	1396.81	4.29	1392.52
A-8	09/16/19	1396.81	4.69	1392.12
A-8	04/14/20	1396.81	19.27	1377.54
A-8	09/08/20	1396.81	19.21	1377.60
A-8	11/09/20	1396.81	1.20	1395.61
A-8	04/12/21	1396.81	2.25	1394.56
A-8	06/28/21	1396.81	2.69	1394.12
A-8	10/12/21	1396.81	3.32	1393.49
A-8	11/15/21	1396.81	3.55	1393.26
A-8	04/11/22	1396.81	1.05	1395.76
A-8	08/02/22	1396.81	1.99	1394.82
A-8	10/10/22	1396.81	2.06	1394.75
A-8	04/24/23	1396.81	2.88	1393.93
A-8	08/07/23	1396.81	3.21	1393.60
A-8	10/30/23	1396.81	3.38	1393.43
A-8	04/08/24	1396.81	3.71	1393.10
A-8	08/12/24	1396.81	4.34	1392.47
A-8	11/11/24	1396.81	4.12	1392.69
A-8	04/07/25	1396.81	4.51	1392.30
A-8	08/04/25	1396.81	4.70	1392.11
A-9	10/28/13	1396.47	14.14	1382.33
A-9	04/14/14	1396.47	5.60	1390.87
A-9	06/02/14	1396.47	6.58	1389.89
A-9	09/08/14	1396.47	8.50	1387.97
A-9	11/17/14	1396.47	9.91	1386.56
A-9	04/06/15	1396.47	6.43	1390.04
A-9	06/22/15	1396.47	10.70	1385.77
A-9	09/21/15	1396.47	1.05	1395.42
A-9	11/16/15	1396.47	2.22	1394.25
A-9	04/11/16	1396.47	11.55	1384.92
A-9	06/20/16	1396.47	4.66	1391.81
A-9	04/24/17	1396.47	6.75	1389.72
A-9	06/19/17	1396.47	7.28	1389.19
A-9	10/09/17	1396.47	1.22	1395.25
A-9	04/18/18	1396.47	3.03	1393.44
A-9	06/11/18	1396.47	3.40	1393.07
A-9	09/24/18	1396.47	4.08	1392.39
A-9	03/25/19	1396.47	5.07	1391.40
A-9	06/10/19	1396.47	5.40	1391.07
A-9	09/16/19	1396.47	5.86	1390.61
A-9	04/14/20	1396.47	18.93	1377.54
A-9	09/08/20	1396.47	18.71	1377.76
A-9	11/09/20	1396.47	4.85	1391.62
A-9	04/12/21	1396.47	5.53	1390.94
A-9	06/28/21	1396.47	5.76	1390.71
A-9	10/12/21	1396.47	6.12	1390.35
A-9	11/15/21	1396.47	6.24	1390.23
A-9	04/11/22	1396.47	0.74	1395.73
A-9	08/02/22	1396.47	1.37	1395.10
A-9	10/10/22	1396.47	0.98	1395.49
A-9	04/24/23	1396.47	0.96	1395.51
A-9	08/07/23	1396.47	0.97	1395.50
A-9	10/30/23	1396.47	1.04	1395.43
A-9	04/08/24	1396.47	1.04	1395.43
A-9	08/12/24	1396.47	1.44	1395.03
A-9	11/11/24	1396.47	1.03	1395.44
A-9	04/07/25	1396.47	1.03	1395.44
A-9	08/04/25	1396.47	3.44	1393.03
A-10	10/28/13	1396.06	13.43	1382.63
A-10	04/14/14	1396.06	4.97	1391.09
A-10	06/02/14	1396.06	5.96	1390.10
A-10	09/08/14	1396.06	7.15	1388.91

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
A-10	11/17/14	1396.06	9.83	1386.23
A-10	04/06/15	1396.06	9.22	1386.84
A-10	06/22/15	1396.06	9.62	1386.44
A-10	09/21/15	1396.06	0.97	1395.09
A-10	11/16/15	1396.06	1.45	1394.61
A-10	04/11/16	1396.06	6.48	1389.58
A-10	06/20/16	1396.06	3.04	1393.02
A-10	04/24/17	1396.06	4.42	1391.64
A-10	06/19/17	1396.06	4.87	1391.19
A-10	10/09/17	1396.06	0.50	1395.56
A-10	04/18/18	1396.06	1.30	1394.76
A-10	06/11/18	1396.06	1.39	1394.67
A-10	09/24/18	1396.06	1.66	1394.40
A-10	03/25/19	1396.06	2.12	1393.94
A-10	06/10/19	1396.06	2.22	1393.84
A-10	09/16/19	1396.06	2.42	1393.64
A-10	04/14/20	1396.06	19.10	1376.96
A-10	09/08/20	1396.06	19.12	1376.94
A-10	11/09/20	1396.06	2.14	1393.92
A-10	04/12/21	1396.06	5.28	1390.78
A-10	06/28/21	1396.06	2.78	1393.28
A-10	10/12/21	1396.06	3.04	1393.02
A-10	11/15/21	1396.06	3.12	1392.94
A-10	04/11/22	1396.06	0.97	1395.09
A-10	08/02/22	1396.06	1.56	1394.50
A-10	10/10/22	1396.06	1.25	1394.81
A-10	04/24/23	1396.06	1.27	1394.79
A-10	08/07/23	1396.06	1.72	1394.34
A-10	10/30/23	1396.06	1.49	1394.57
A-10	04/08/24	1396.06	2.05	1394.01
A-10	08/12/24	1396.06	2.54	1393.52
A-10	11/11/24	1396.06	2.28	1393.78
A-10	04/07/25	1396.06	2.47	1393.59
A-10	08/04/25	1396.06	2.50	1393.56
A-11	10/28/13	1395.73	14.85	1380.88
A-11	04/14/14	1395.73	12.20	1383.53
A-11	06/02/14	1395.73	12.53	1383.20
A-11	09/08/14	1395.73	13.50	1382.23
A-11	11/17/14	1395.73	14.41	1381.32
A-11	04/06/15	1395.73	13.36	1382.37
A-11	06/22/15	1395.73	13.82	1381.91
A-11	09/21/15	1395.73	1.52	1394.21
A-11	11/16/15	1395.73	2.62	1393.11
A-11	04/11/16	1395.73	9.45	1386.28
A-11	06/20/16	1395.73	4.28	1391.45
A-11	04/24/17	1395.73	5.96	1389.77
A-11	06/19/17	1395.73	6.51	1389.22
A-11	10/09/17	1395.73	1.12	1394.61
A-11	04/18/18	1395.73	7.20	1388.53
A-11	06/11/18	1395.73	7.95	1387.78
A-11	09/24/18	1395.73	8.38	1387.35
A-11	03/25/19	1395.73	9.16	1386.57
A-11	06/10/19	1395.73	9.36	1386.37
A-11	09/16/19	1395.73	9.68	1386.05
A-11	04/14/20	1395.73	10.41	1385.32
A-11	09/08/20	1395.73	10.74	1384.99
A-11	11/09/20	1395.73	11.04	1384.69
A-11	04/12/21	1395.73	11.37	1384.36
A-11	06/28/21	1395.73	11.49	1384.24
A-11	10/12/21	1395.73	11.71	1384.02
A-11	04/11/22	1395.73	12.05	1383.68
A-11	08/02/22	1395.73	12.58	1383.15
A-11	10/10/22	1395.73	12.33	1383.40
A-11	04/24/23	1395.73	12.50	1383.23
A-11	08/07/23	1395.73	12.60	1383.13
A-11	10/30/23	1395.73	12.73	1383.00
A-11	04/08/24	1395.73	12.77	1382.96
A-11	08/12/24	1395.73	13.28	1382.45
A-11	11/11/24	1395.73	13.05	1382.68
A-11	04/07/25	1395.73	13.17	1382.56
A-11	08/04/25	1395.73	13.20	1382.53
A-12	10/28/13	1395.59	14.08	1381.51
A-12	04/14/14	1395.59	12.70	1382.89
A-12	06/02/14	1395.59	12.85	1382.74
A-12	09/08/14	1395.59	13.85	1381.74
A-12	11/17/14	1395.59	14.73	1380.86
A-12	04/06/15	1395.59	13.35	1382.24
A-12	06/22/15	1395.59	13.06	1382.53
A-12	09/21/15	1395.59	13.09	1382.50
A-12	11/16/15	1395.59	13.51	1382.08
A-12	04/11/16	1395.59	6.80	1388.79
A-12	06/20/16	1395.59	13.01	1382.58
A-12	04/24/17	1395.59	13.33	1382.26
A-12	06/19/17	1395.59	13.44	1382.15
A-12	10/09/17	1395.59	11.57	1384.02

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
A-12	04/18/18	1395.59	10.97	1384.62
A-12	06/11/18	1395.59	11.31	1384.28
A-12	09/24/18	1395.59	11.55	1384.04
A-12	03/25/19	1395.59	11.52	1384.07
A-12	06/10/19	1395.59	11.09	1384.50
A-12	09/16/19	1395.59	11.74	1383.85
A-12	04/14/20	1395.59	18.42	1377.17
A-12	09/08/20	1395.59	17.74	1377.85
A-12	11/09/20	1395.59	11.93	1383.66
A-12	04/12/21	1395.59	12.44	1383.15
A-12	06/28/21	1395.59	12.53	1383.06
A-12	10/12/21	1395.59	12.71	1382.88
A-12	04/11/22	1395.59	3.31	1392.28
A-12	08/02/22	1395.59	4.73	1390.86
A-12	10/10/22	1395.59	5.05	1390.54
A-12	04/24/23	1395.59	5.82	1389.77
A-12	08/07/23	1395.59	5.85	1389.74
A-12	10/30/23	1395.59	5.84	1389.75
A-12	04/08/24	1395.59	5.86	1389.73
A-12	08/12/24	1395.59	6.24	1389.35
A-12	11/11/24	1395.59	5.87	1389.72
A-12	04/07/25	1395.59	5.87	1389.72
A-12	08/04/25	1395.59	5.82	1389.77
A-13	10/28/13	1394.25	12.55	1381.70
A-13	10/30/13	1394.25	12.69	1381.56
A-13	04/14/14	1394.25	10.93	1383.32
A-13	04/17/14	1394.25	10.80	1383.45
A-13	06/02/14	1394.25	11.51	1382.74
A-13	06/05/14	1394.25	11.50	1382.75
A-13	09/08/14	1394.25	11.66	1382.59
A-13	11/18/14	1394.25	11.80	1382.45
A-13	04/06/15	1394.25	17.34	1376.91
A-13	06/22/15	1394.25	11.34	1382.91
A-13	09/21/15	1394.25	17.33	1376.92
A-13	11/16/15	1394.25	17.46	1376.79
A-13	04/11/16	1394.25	6.50	1387.75
A-13	06/20/16	1394.25	17.37	1376.88
A-13	09/22/16	1394.25	17.30	1376.95
A-13	04/24/17	1394.25	16.15	1378.10
A-13	06/19/17	1394.25	17.67	1376.58
A-13	10/09/17	1394.25	17.34	1376.91
A-13	04/18/18	1394.25	16.77	1377.48
A-13	06/11/18	1394.25	17.25	1377.00
A-13	09/24/18	1394.25	16.99	1377.26
A-13	03/25/19	1394.25	16.69	1377.56
A-13	06/10/19	1394.25	17.16	1377.09
A-13	09/16/19	1394.25	17.18	1377.07
A-13	04/14/20	1394.25	17.16	1377.09
A-13	09/08/20	1394.25	17.14	1377.11
A-13	11/09/20	1394.25	17.58	1376.67
A-13	04/12/21	1394.25	17.12	1377.13
A-13	06/28/21	1394.25	17.36	1376.89
A-13	10/12/21	1394.25	17.25	1377.00
A-13	04/11/22	1394.25	16.84	1377.41
A-13	08/02/22	1394.25	17.16	1377.09
A-13	10/10/22	1394.25	17.25	1377.00
A-13	04/24/23	1394.25	13.75	1380.50
A-13	08/07/23	1394.25	16.84	1377.41
A-13	10/30/23	1394.25	16.07	1378.18
A-13	11/01/23	1394.25	13.38	1380.87
A-13	04/08/24	1394.25	12.60	1381.65
A-13	04/10/24	1394.25	13.57	1380.68
A-13	08/12/24	1394.25	17.28	1376.97
A-13	11/11/24	1394.25	17.24	1377.01
A-13	11/13/24	1394.25	17.24	1377.01
A-13	04/07/25	1394.25	14.12	1380.13
A-13	04/09/25	1394.25	12.77	1381.48
A-13	08/04/25	1394.25	16.38	1377.87
A-13	08/06/25	1394.25	16.84	1377.41
A-14	10/28/13	1394.61	12.79	1381.82
A-14	04/14/14	1394.61	9.44	1385.17
A-14	06/02/14	1394.61	10.68	1383.93
A-14	09/08/14	1394.61	12.70	1381.91
A-14	11/17/14	1394.61	13.81	1380.80
A-14	04/06/15	1394.61	13.17	1381.44
A-14	06/22/15	1394.61	11.25	1383.36
A-14	09/21/15	1394.61	9.49	1385.12
A-14	11/16/15	1394.61	10.70	1383.91
A-14	04/11/16	1394.61	5.85	1388.76
A-14	06/20/16	1394.61	10.88	1383.73
A-14	04/24/17	1394.61	11.25	1383.36
A-14	06/19/17	1394.61	11.48	1383.13
A-14	10/09/17	1394.61	4.58	1390.03
A-14	04/18/18	1394.61	6.46	1388.15
A-14	06/11/18	1394.61	6.81	1387.80

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
A-14	09/24/18	1394.61	7.55	1387.06
A-14	03/25/19	1394.61	8.18	1386.43
A-14	06/10/19	1394.61	7.95	1386.66
A-14	09/16/19	1394.61	8.46	1386.15
A-14	04/14/20	1394.61	13.79	1380.82
A-14	09/08/20	1394.61	13.62	1380.99
A-14	11/09/20	1394.61	2.40	1392.21
A-14	04/12/21	1394.61	3.51	1391.10
A-14	06/28/21	1394.61	3.90	1390.71
A-14	10/12/21	1394.61	4.45	1390.16
A-14	04/11/22	1394.61	1.72	1392.89
A-14	08/02/22	1394.61	2.89	1391.72
A-14	10/10/22	1394.61	3.04	1391.57
A-14	04/24/23	1394.61	4.16	1390.45
A-14	08/07/23	1394.61	4.72	1389.89
A-14	10/30/23	1394.61	5.20	1389.41
A-14	04/08/24	1394.61	5.20	1389.41
A-14	08/12/24	1394.61	5.59	1389.02
A-14	11/11/24	1394.61	5.22	1389.39
A-14	04/07/25	1394.61	5.21	1389.40
A-14	08/04/25	1394.61	5.22	1389.39
A-15	10/28/13	1393.47	14.50	1378.97
A-15	04/14/14	1393.47	11.90	1381.57
A-15	06/02/14	1393.47	12.30	1381.17
A-15	09/08/14	1393.47	14.14	1379.33
A-15	04/06/15	1393.47	12.71	1380.76
A-15	06/22/15	1393.47	12.01	1381.46
A-15	09/21/15	1393.47	13.64	1379.83
A-15	11/16/15	1393.47	14.54	1378.93
A-15	04/11/16	1393.47	5.44	1388.03
A-15	06/20/16	1393.47	13.09	1380.38
A-15	04/24/17	1393.47	12.50	1380.97
A-15	06/19/17	1393.47	12.43	1381.04
A-15	10/09/17	1393.47	7.52	1385.95
A-15	04/18/18	1393.47	10.09	1383.38
A-15	06/11/18	1393.47	10.37	1383.10
A-15	09/24/18	1393.47	10.99	1382.48
A-15	03/25/19	1393.47	11.04	1382.43
A-15	06/10/19	1393.47	10.91	1382.56
A-15	09/16/19	1393.47	11.73	1381.74
A-15	04/14/20	1393.47	15.60	1377.87
A-15	09/08/20	1393.47	15.24	1378.23
A-15	11/09/20	1393.47	3.79	1389.68
A-15	04/12/21	1393.47	6.33	1387.14
A-15	06/28/21	1393.47	7.13	1386.34
A-15	10/12/21	1393.47	8.29	1385.18
A-15	04/11/22	1393.47	3.82	1389.65
A-15	08/02/22	1393.47	5.17	1388.30
A-15	10/10/22	1393.47	5.47	1388.00
A-15	04/24/23	1393.47	6.68	1386.79
A-15	08/07/23	1393.47	7.24	1386.23
A-15	10/30/23	1393.47	7.67	1385.80
A-15	04/08/24	1393.47	8.20	1385.27
A-15	08/12/24	1393.47	9.02	1384.45
A-15	11/11/24	1393.47	9.06	1384.41
A-15	04/07/25	1393.47	9.38	1384.09
A-15	08/04/25	1393.47	9.77	1383.70
A-16	10/28/13	1398.14	14.80	1383.34
A-16	04/14/14	1398.14	9.35	1388.79
A-16	06/02/14	1398.14	10.32	1387.82
A-16	09/08/14	1398.14	11.80	1386.34
A-16	04/06/15	1398.14	12.77	1385.37
A-16	06/22/15	1398.14	11.45	1386.69
A-16	09/21/15	1398.14	12.30	1385.84
A-16	11/16/15	1398.14	13.12	1385.02
A-16	04/11/16	1398.14	5.74	1392.40
A-16	06/20/16	1398.14	12.61	1385.53
A-16	04/24/17	1398.14	11.94	1386.20
A-16	06/19/17	1398.14	12.04	1386.10
A-16	10/09/17	1398.14	12.05	1386.09
A-16	04/18/18	1398.14	11.81	1386.33
A-16	06/11/18	1398.14	11.66	1386.48
A-16	09/24/18	1398.14	11.48	1386.66
A-16	03/25/19	1398.14	10.22	1387.92
A-16	06/10/19	1398.14	7.67	1390.47
A-16	09/16/19	1398.14	8.72	1389.42
A-16	04/14/20	1398.14	7.73	1390.41
A-16	09/08/20	1398.14	8.93	1389.21
A-16	11/09/20	1398.14	9.23	1388.91
A-16	04/12/21	1398.14	8.37	1389.77
A-16	06/28/21	1398.14	8.56	1389.58
A-16	10/12/21	1398.14	9.15	1388.99
A-16	04/11/22	1398.14	8.90	1389.24
A-16	08/02/22	1398.14	9.78	1388.36
A-16	10/10/22	1398.14	9.83	1388.31

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
A-16	04/24/23	1398.14	9.69	1388.45
A-16	08/07/23	1398.14	10.16	1387.98
A-16	10/30/23	1398.14	10.49	1387.65
A-16	04/08/24	1398.14	10.15	1387.99
A-16	08/12/24	1398.14	10.83	1387.31
A-16	11/11/24	1398.14	10.86	1387.28
A-16	04/07/25	1398.14	10.87	1387.27
A-16	08/04/25	1398.14	10.91	1387.23
A-17	10/28/13	1395.48	14.30	1381.18
A-17	04/14/14	1395.48	10.10	1385.38
A-17	06/02/14	1395.48	10.75	1384.73
A-17	09/08/14	1395.48	12.30	1383.18
A-17	11/17/14	1395.48	12.90	1382.58
A-17	04/06/15	1395.48	12.56	1382.92
A-17	06/22/15	1395.48	11.72	1383.76
A-17	09/21/15	1395.48	12.21	1383.27
A-17	11/16/15	1395.48	12.77	1382.71
A-17	04/11/16	1395.48	4.15	1391.33
A-17	06/20/16	1395.48	11.64	1383.84
A-17	04/24/17	1395.48	10.73	1384.75
A-17	06/19/17	1395.48	10.84	1384.64
A-17	10/09/17	1395.48	11.21	1384.27
A-17	04/18/18	1395.48	10.35	1385.13
A-17	06/11/18	1395.48	10.21	1385.27
A-17	09/24/18	1395.48	10.57	1384.91
A-17	03/25/19	1395.48	10.03	1385.45
A-17	06/10/19	1395.48	9.74	1385.74
A-17	09/16/19	1395.48	10.56	1384.92
A-17	04/14/20	1395.48	10.19	1385.29
A-17	09/08/20	1395.48	8.53	1386.95
A-17	11/09/20	1395.48	11.51	1383.97
A-17	04/12/21	1395.48	10.81	1384.67
A-17	06/28/21	1395.48	10.77	1384.71
A-17	10/12/21	1395.48	11.16	1384.32
A-17	04/11/22	1395.48	10.65	1384.83
A-17	08/02/22	1395.48	11.50	1383.98
A-17	10/10/22	1395.48	11.48	1384.00
A-17	04/24/23	1395.48	10.84	1384.64
A-17	08/07/23	1395.48	11.30	1384.18
A-17	10/30/23	1395.48	11.51	1383.97
A-17	04/08/24	1395.48	10.38	1385.10
A-17	08/12/24	1395.48	11.40	1384.08
A-17	11/11/24	1395.48	11.61	1383.87
A-17	04/07/25	1395.48	11.34	1384.14
A-17	08/04/25	1395.48	11.40	1384.08
B-1	10/28/13	1385.26	13.88	1371.38
B-1	04/14/14	1385.26	9.45	1375.81
B-1	06/02/14	1385.26	12.44	1372.82
B-1	06/05/14	1385.26	14.87	1370.39
B-1	09/08/14	1385.26	9.03	1376.23
B-1	11/17/14	1385.26	8.25	1377.01
B-1	04/06/15	1385.26	5.34	1379.92
B-1	06/22/15	1385.26	5.80	1379.46
B-1	09/21/15	1385.26	8.06	1377.20
B-1	11/16/15	1385.26	7.92	1377.34
B-1	04/11/16	1385.26	6.08	1379.18
B-1	06/20/16	1385.26	7.96	1377.30
B-1	04/24/17	1385.26	6.68	1378.58
B-1	06/19/17	1385.26	8.30	1376.96
B-1	10/09/17	1385.26	9.11	1376.15
B-1	04/18/18	1385.26	6.65	1378.61
B-1	06/11/18	1385.26	8.52	1376.74
B-1	09/24/18	1385.26	6.48	1378.78
B-1	03/25/19	1385.26	6.34	1378.92
B-1	06/10/19	1385.26	7.82	1377.44
B-1	09/16/19	1385.26	8.94	1376.32
B-1	04/14/20	1385.26	7.53	1377.73
B-1	09/08/20	1385.26	11.68	1373.58
B-1	11/09/20	1385.26	12.57	1372.69
B-1	04/12/21	1385.26	8.06	1377.20
B-1	06/28/21	1385.26	9.84	1375.42
B-1	10/12/21	1385.26	9.11	1376.15
B-1	04/11/22	1385.26	6.67	1378.59
B-1	08/02/22	1385.26	11.67	1373.59
B-1	10/10/22	1385.26	9.03	1376.23
B-1	04/24/23	1385.26	8.63	1376.63
B-1	08/07/23	1385.26	9.04	1376.22
B-1	10/30/23	1385.26	8.02	1377.24
B-1	04/08/24	1385.26	6.73	1378.53
B-1	08/12/24	1385.26	7.79	1377.47
B-1	11/11/24	1385.26	11.00	1374.27
B-1	04/07/25	1385.26	7.62	1377.64
B-1	08/04/25	1385.26	12.23	1373.03
B-2	10/28/13	1384.71	11.88	1372.83
B-2	04/14/14	1384.71	8.18	1376.53

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
B-2	06/02/14	1384.71	10.80	1373.91
B-2	06/05/14	1384.71	18.05	1366.66
B-2	09/08/14	1384.71	10.18	1374.53
B-2	11/17/14	1384.71	9.30	1375.41
B-2	04/06/15	1384.71	6.54	1378.17
B-2	06/22/15	1384.71	7.88	1376.83
B-2	09/21/15	1384.71	9.65	1375.06
B-2	11/16/15	1384.71	9.38	1375.33
B-2	04/11/16	1384.71	6.97	1377.74
B-2	06/20/16	1384.71	8.20	1376.51
B-2	04/24/17	1384.71	7.17	1377.54
B-2	06/19/17	1384.71	8.19	1376.52
B-2	10/09/17	1384.71	8.73	1375.98
B-2	04/18/18	1384.71	6.44	1378.27
B-2	06/11/18	1384.71	7.17	1377.54
B-2	09/24/18	1384.71	5.96	1378.75
B-2	03/25/19	1384.71	5.97	1378.74
B-2	06/10/19	1384.71	7.10	1377.61
B-2	09/16/19	1384.71	8.49	1376.22
B-2	04/14/20	1384.71	7.73	1376.98
B-2	09/08/20	1384.71	10.87	1373.84
B-2	11/09/20	1384.71	10.90	1373.81
B-2	04/12/21	1384.71	8.89	1375.82
B-2	06/28/21	1384.71	10.37	1374.34
B-2	10/12/21	1384.71	9.86	1374.85
B-2	04/11/22	1384.71	6.98	1377.73
B-2	08/02/22	1384.71	11.42	1373.29
B-2	10/10/22	1384.71	9.41	1375.30
B-2	04/24/23	1384.71	9.15	1375.56
B-2	08/07/23	1384.71	9.15	1375.56
B-2	10/30/23	1384.71	8.17	1376.54
B-2	04/08/24	1384.71	6.98	1377.73
B-2	08/12/24	1384.71	8.53	1376.18
B-2	11/11/24	1384.71	10.81	1373.90
B-2	04/07/25	1384.71	7.92	1376.79
B-2	08/04/25	1384.71	11.68	1373.03
B-3	10/28/13	1385.48	13.86	1371.62
B-3	04/14/14	1385.48	7.12	1378.36
B-3	06/02/14	1385.48	9.90	1375.58
B-3	06/05/14	1385.48	18.38	1367.10
B-3	09/08/14	1385.48	10.37	1375.11
B-3	11/17/14	1385.48	10.45	1375.03
B-3	04/07/15	1385.48	5.40	1380.08
B-3	06/22/15	1385.48	5.98	1379.50
B-3	09/21/15	1385.48	7.45	1378.03
B-3	11/16/15	1385.48	8.18	1377.30
B-3	04/11/16	1385.48	5.36	1380.12
B-3	06/20/16	1385.48	5.74	1379.74
B-3	04/24/17	1385.48	3.88	1381.60
B-3	06/19/17	1385.48	4.75	1380.73
B-3	10/09/17	1385.48	6.95	1378.53
B-3	04/18/18	1385.48	3.88	1381.60
B-3	06/11/18	1385.48	4.83	1380.65
B-3	09/24/18	1385.48	7.05	1378.43
B-3	03/25/19	1385.48	3.88	1381.60
B-3	06/10/19	1385.48	4.32	1381.16
B-3	09/16/19	1385.48	6.57	1378.91
B-3	04/14/20	1385.48	4.21	1381.27
B-3	09/08/20	1385.48	6.99	1378.49
B-3	11/09/20	1385.48	8.23	1377.25
B-3	04/12/21	1385.48	5.96	1379.52
B-3	06/28/21	1385.48	5.88	1379.60
B-3	10/12/21	1385.48	6.18	1379.30
B-3	04/11/22	1385.48	4.11	1381.37
B-3	08/02/22	1385.48	7.09	1378.39
B-3	10/10/22	1385.48	7.41	1378.07
B-3	04/24/23	1385.48	4.99	1380.49
B-3	08/07/23	1385.48	6.62	1378.86
B-3	10/30/23	1385.48	7.16	1378.32
B-3	04/08/24	1385.48	4.30	1381.18
B-3	08/12/24	1385.48	6.76	1378.72
B-3	11/11/24	1385.48	6.78	1378.70
B-3	04/07/25	1385.48	4.66	1380.82
B-3	08/04/25	1385.48	6.62	1378.87
B-4	10/28/13	1385.03	9.85	1375.18
B-4	10/30/13	1385.03	9.90	1375.13
B-4	04/14/14	1385.03	7.20	1377.83
B-4	04/15/14	1385.03	7.25	1377.78
B-4	06/02/14	1385.03	9.54	1375.49
B-4	06/05/14	1385.03	14.49	1370.54
B-4	09/08/14	1385.03	9.30	1375.73
B-4	11/18/14	1385.03	9.00	1376.03
B-4	04/06/15	1385.03	6.04	1378.99
B-4	06/22/15	1385.03	6.85	1378.18
B-4	09/21/15	1385.03	7.43	1377.60

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
B-4	11/16/15	1385.03	6.87	1378.16
B-4	04/11/16	1385.03	4.48	1380.55
B-4	06/20/16	1385.03	5.85	1379.18
B-4	09/22/16	1385.03	7.76	1377.27
B-4	04/24/17	1385.03	4.08	1380.95
B-4	06/19/17	1385.03	4.78	1380.25
B-4	10/09/17	1385.03	6.75	1378.28
B-4	10/12/17	1385.03	6.89	1378.14
B-4	04/18/18	1385.03	4.11	1380.92
B-4	06/11/18	1385.03	4.97	1380.06
B-4	09/24/18	1385.03	5.59	1379.44
B-4	03/25/19	1385.03	3.74	1381.29
B-4	06/10/19	1385.03	4.65	1380.38
B-4	09/16/19	1385.03	6.71	1378.32
B-4	04/14/20	1385.03	5.28	1379.75
B-4	09/08/20	1385.03	8.79	1376.24
B-4	11/09/20	1385.03	7.71	1377.32
B-4	04/12/21	1385.03	4.81	1380.22
B-4	06/28/21	1385.03	6.35	1378.68
B-4	10/12/21	1385.03	6.15	1378.88
B-4	04/11/22	1385.03	3.94	1381.09
B-4	08/02/22	1385.03	7.45	1377.58
B-4	10/10/22	1385.03	5.94	1379.09
B-4	04/24/23	1385.03	5.61	1379.42
B-4	08/07/23	1385.03	5.16	1379.87
B-4	10/30/23	1385.03	6.62	1378.41
B-4	04/08/24	1385.03	5.37	1379.66
B-4	08/12/24	1385.03	6.00	1379.03
B-4	11/11/24	1385.03	6.45	1378.58
B-4	04/07/25	1385.03	4.14	1380.89
B-4	08/04/25	1385.03	5.89	1379.14
B-5	10/28/13	1383.99	10.33	1373.66
B-5	04/14/14	1383.99	7.65	1376.34
B-5	06/02/14	1383.99	9.78	1374.21
B-5	06/05/14	1383.99	10.62	1373.37
B-5	09/08/14	1383.99	11.40	1372.59
B-5	11/17/14	1383.99	8.90	1375.09
B-5	04/06/15	1383.99	6.54	1377.45
B-5	06/22/15	1383.99	7.68	1376.31
B-5	09/21/15	1383.99	10.14	1373.85
B-5	11/16/15	1383.99	10.47	1373.52
B-5	04/11/16	1383.99	7.76	1376.23
B-5	06/20/16	1383.99	8.15	1375.84
B-5	04/24/17	1383.99	6.11	1377.88
B-5	06/19/17	1383.99	6.86	1377.13
B-5	10/09/17	1383.99	7.97	1376.02
B-5	04/18/18	1383.99	7.34	1376.65
B-5	06/11/18	1383.99	7.39	1376.60
B-5	09/24/18	1383.99	7.87	1376.12
B-5	03/25/19	1383.99	6.10	1377.89
B-5	06/10/19	1383.99	6.10	1377.89
B-5	09/16/19	1383.99	7.35	1376.64
B-5	04/14/20	1383.99	8.11	1375.88
B-5	09/08/20	1383.99	11.50	1372.49
B-5	11/09/20	1383.99	11.13	1372.86
B-5	04/12/21	1383.99	9.66	1374.33
B-5	06/28/21	1383.99	9.19	1374.80
B-5	10/12/21	1383.99	7.94	1376.05
B-5	04/11/22	1383.99	6.10	1377.89
B-5	08/02/22	1383.99	7.67	1376.32
B-5	10/10/22	1383.99	7.45	1376.54
B-5	04/24/23	1383.99	6.80	1377.19
B-5	08/07/23	1383.99	1.21	1382.78
B-5	10/30/23	1383.99	2.25	1381.74
B-5	04/08/24	1383.99	3.03	1380.96
B-5	08/12/24	1383.99	3.98	1380.01
B-5	11/11/24	1383.99	4.79	1379.20
B-5	04/07/25	1383.99	5.39	1378.60
B-5	08/04/25	1383.99	5.62	1378.37
B-6	10/28/13	1384.48	10.15	1374.33
B-6	04/14/14	1384.48	7.80	1376.68
B-6	06/02/14	1384.48	9.85	1374.63
B-6	06/05/14	1384.48	17.36	1367.12
B-6	09/08/14	1384.48	10.51	1373.97
B-6	11/17/14	1384.48	9.65	1374.83
B-6	04/06/15	1384.48	6.70	1377.78
B-6	06/22/15	1384.48	8.00	1376.48
B-6	09/21/15	1384.48	9.21	1375.27
B-6	11/16/15	1384.48	9.22	1375.26
B-6	04/11/16	1384.48	4.46	1380.02
B-6	06/20/16	1384.48	7.45	1377.03
B-6	04/24/17	1384.48	5.94	1378.54
B-6	06/19/17	1384.48	6.46	1378.02
B-6	10/09/17	1384.48	7.61	1376.87
B-6	04/18/18	1384.48	6.67	1377.81

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
B-6	06/11/18	1384.48	6.88	1377.60
B-6	09/24/18	1384.48	8.13	1376.35
B-6	03/25/19	1384.48	6.21	1378.27
B-6	06/10/19	1384.48	6.08	1378.40
B-6	09/16/19	1384.48	7.58	1376.90
B-6	04/14/20	1384.48	5.86	1378.62
B-6	09/08/20	1384.48	8.05	1376.43
B-6	11/09/20	1384.48	8.59	1375.89
B-6	04/12/21	1384.48	5.92	1378.56
B-6	06/28/21	1384.48	6.44	1378.04
B-6	10/12/21	1384.48	6.77	1377.71
B-6	04/11/22	1384.48	6.28	1378.20
B-6	08/02/22	1384.48	7.46	1377.02
B-6	10/10/22	1384.48	6.14	1378.34
B-6	04/24/23	1384.48	4.93	1379.55
B-6	08/07/23	1384.48	3.72	1380.76
B-6	10/30/23	1384.48	4.65	1379.83
B-6	04/08/24	1384.48	5.14	1379.34
B-6	08/12/24	1384.48	5.58	1378.90
B-6	11/11/24	1384.48	6.27	1378.21
B-6	04/07/25	1384.48	5.42	1379.06
B-6	08/04/25	1384.48	6.37	1378.12
B-7	10/28/13	1385.33	13.03	1372.30
B-7	10/30/13	1385.33	13.18	1372.15
B-7	04/14/14	1385.33	8.90	1376.43
B-7	04/15/14	1385.33	9.71	1375.62
B-7	06/02/14	1385.33	10.95	1374.38
B-7	06/05/14	1385.33	19.03	1366.30
B-7	09/08/14	1385.33	7.19	1378.14
B-7	11/18/14	1385.33	10.91	1374.42
B-7	04/06/15	1385.33	7.45	1377.88
B-7	06/22/15	1385.33	9.30	1376.03
B-7	09/21/15	1385.33	9.51	1375.82
B-7	11/16/15	1385.33	10.75	1374.58
B-7	04/11/16	1385.33	8.81	1376.52
B-7	06/20/16	1385.33	8.86	1376.47
B-7	09/22/16	1385.33	9.70	1375.63
B-7	04/24/17	1385.33	8.32	1377.01
B-7	06/19/17	1385.33	8.31	1377.02
B-7	10/09/17	1385.33	3.78	1381.55
B-7	10/12/17	1385.33	3.83	1381.50
B-7	04/18/18	1385.33	5.24	1380.09
B-7	06/11/18	1385.33	5.50	1379.83
B-7	09/24/18	1385.33	6.33	1379.00
B-7	03/25/19	1385.33	6.44	1378.89
B-7	06/10/19	1385.33	6.51	1378.82
B-7	09/16/19	1385.33	6.85	1378.48
B-7	04/15/20	1385.33	8.15	1377.18
B-7	09/08/20	1385.33	8.48	1376.85
B-7	09/10/20	1385.33	8.56	1376.77
B-7	11/09/20	1385.33	6.35	1378.98
B-7	11/10/20	1385.33	6.35	1378.98
B-7	04/12/21	1385.33	6.82	1378.51
B-7	04/14/21	1385.33	6.84	1378.49
B-7	06/28/21	1385.33	7.50	1377.83
B-7	10/12/21	1385.33	7.61	1377.72
B-7	04/11/22	1385.33	1.25	1384.08
B-7	04/13/22	1385.33	1.24	1384.09
B-7	08/02/22	1385.33	2.84	1382.49
B-7	08/03/22	1385.33	2.77	1382.56
B-7	10/10/22	1385.33	3.57	1381.76
B-7	10/12/22	1385.33	3.60	1381.73
B-7	04/24/23	1385.33	5.22	1380.11
B-7	04/26/23	1385.33	5.33	1380.00
B-7	08/07/23	1385.33	6.38	1378.95
B-7	08/09/23	1385.33	6.75	1378.58
B-7	10/30/23	1385.33	7.43	1377.90
B-7	10/31/23	1385.33	6.98	1378.35
B-7	04/08/24	1385.33	7.69	1377.64
B-7	04/10/24	1385.33	7.64	1377.69
B-7	08/12/24	1385.33	8.14	1377.19
B-7	11/11/24	1385.33	8.93	1376.40
B-7	11/13/24	1385.33	8.91	1376.42
B-7	04/07/25	1385.33	7.49	1377.84
B-7	04/08/25	1385.33	7.47	1377.86
B-7	08/04/25	1385.33	7.67	1377.66
B-7	08/06/25	1385.33	7.69	1377.64
B-8	10/28/13	1384.90	14.21	1370.69
B-8	04/14/14	1384.90	10.33	1374.57
B-8	06/02/14	1384.90	11.90	1373.00
B-8	06/05/14	1384.90	18.19	1366.71
B-8	09/08/14	1384.90	7.72	1377.18
B-8	11/17/14	1384.90	10.20	1374.70
B-8	04/06/15	1384.90	10.72	1374.18
B-8	06/22/15	1384.90	10.60	1374.30

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
B-8	09/21/15	1384.90	7.18	1377.72
B-8	11/16/15	1384.90	8.50	1376.40
B-8	04/11/16	1384.90	9.08	1375.82
B-8	06/20/16	1384.90	9.17	1375.73
B-8	04/24/17	1384.90	9.73	1375.17
B-8	06/19/17	1384.90	9.64	1375.26
B-8	10/09/17	1384.90	1.06	1383.84
B-8	04/18/18	1384.90	2.47	1382.43
B-8	06/11/18	1384.90	2.72	1382.18
B-8	09/24/18	1384.90	3.73	1381.17
B-8	03/25/19	1384.90	4.18	1380.72
B-8	06/10/19	1384.90	4.44	1380.46
B-8	09/16/19	1384.90	4.95	1379.95
B-8	04/14/20	1384.90	18.31	1366.59
B-8	09/08/20	1384.90	17.26	1367.64
B-8	11/09/20	1384.90	2.31	1382.59
B-8	04/12/21	1384.90	2.62	1382.28
B-8	06/28/21	1384.90	2.72	1382.18
B-8	10/12/21	1384.90	2.74	1382.16
B-8	04/11/22	1384.90	0.61	1384.29
B-8	08/02/22	1384.90	1.18	1383.72
B-8	10/10/22	1384.90	0.94	1383.96
B-8	04/24/23	1384.90	1.24	1383.66
B-8	08/07/23	1384.90	1.43	1383.47
B-8	10/30/23	1384.90	2.01	1382.89
B-8	04/08/24	1384.90	1.92	1382.98
B-8	08/12/24	1384.90	2.13	1382.77
B-8	11/11/24	1384.90	2.14	1382.76
B-8	04/07/25	1384.90	2.86	1382.04
B-8	08/04/25	1384.90	3.24	1381.66
B-9	10/28/13	1385.21	15.34	1369.87
B-9	04/14/14	1385.21	11.68	1373.53
B-9	06/02/14	1385.21	14.84	1370.37
B-9	06/05/14	1385.21	15.21	1370.00
B-9	09/08/14	1385.21	16.14	1369.07
B-9	11/18/14	1385.21	15.90	1369.31
B-9	04/06/15	1385.21	11.65	1373.56
B-9	06/22/15	1385.21	12.37	1372.84
B-9	09/21/15	1385.21	14.41	1370.80
B-9	11/16/15	1385.21	15.57	1369.64
B-9	04/11/16	1385.21	12.16	1373.05
B-9	06/20/16	1385.21	12.05	1373.16
B-9	09/22/16	1385.21	13.46	1371.75
B-9	04/24/17	1385.21	11.15	1374.06
B-9	06/19/17	1385.21	11.00	1374.21
B-9	10/09/17	1385.21	9.37	1375.84
B-9	10/12/17	1385.21	9.43	1375.78
B-9	04/18/18	1385.21	10.69	1374.52
B-9	06/11/18	1385.21	10.71	1374.50
B-9	09/24/18	1385.21	11.40	1373.81
B-9	03/25/19	1385.21	10.76	1374.45
B-9	06/10/19	1385.21	10.55	1374.66
B-9	09/16/19	1385.21	10.90	1374.31
B-9	04/14/20	1385.21	16.33	1368.88
B-9	09/08/20	1385.21	15.40	1369.81
B-9	11/09/20	1385.21	5.78	1379.43
B-9	04/12/21	1385.21	7.36	1377.85
B-9	06/28/21	1385.21	7.79	1377.42
B-9	10/12/21	1385.21	8.66	1376.55
B-9	04/11/22	1385.21	5.35	1379.86
B-9	08/02/22	1385.21	7.09	1378.12
B-9	10/10/22	1385.21	7.41	1377.80
B-9	04/24/23	1385.21	8.68	1376.53
B-9	08/07/23	1385.21	9.61	1375.60
B-9	10/30/23	1385.21	10.38	1374.83
B-9	04/08/24	1385.21	10.17	1375.04
B-9	08/12/24	1385.21	10.18	1375.03
B-9	11/11/24	1385.21	12.03	1373.18
B-9	04/07/25	1385.21	10.18	1375.03
B-9	08/04/25	1385.21	12.42	1372.79
B-10	10/28/13	1384.69	12.02	1372.67
B-10	04/14/14	1384.69	7.42	1377.27
B-10	06/02/14	1384.69	8.65	1376.04
B-10	06/05/14	1384.69	18.48	1366.21
B-10	09/08/14	1384.69	6.56	1378.13
B-10	11/17/14	1384.69	7.60	1377.09
B-10	04/06/15	1384.69	5.43	1379.26
B-10	06/22/15	1384.69	6.50	1378.19
B-10	09/21/15	1384.69	6.25	1378.44
B-10	11/16/15	1384.69	6.45	1378.24
B-10	04/11/16	1384.69	4.98	1379.71
B-10	06/20/16	1384.69	5.36	1379.33
B-10	04/24/17	1384.69	4.39	1380.30
B-10	06/19/17	1384.69	5.34	1379.35
B-10	10/09/17	1384.69	5.98	1378.71

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
B-10	04/18/18	1384.69	4.99	1379.70
B-10	06/11/18	1384.69	4.70	1379.99
B-10	09/24/18	1384.69	5.33	1379.36
B-10	03/25/19	1384.69	4.44	1380.25
B-10	06/10/19	1384.69	4.88	1379.81
B-10	09/16/19	1384.69	6.19	1378.50
B-10	04/14/20	1384.69	4.38	1380.31
B-10	09/08/20	1384.69	6.98	1377.71
B-10	11/09/20	1384.69	5.83	1378.86
B-10	04/12/21	1384.69	4.91	1379.78
B-10	06/28/21	1384.69	5.55	1379.14
B-10	10/12/21	1384.69	4.91	1379.78
B-10	04/11/22	1384.69	4.13	1380.56
B-10	08/02/22	1384.69	6.24	1378.45
B-10	10/10/22	1384.69	5.25	1379.44
B-10	04/24/23	1384.69	4.45	1380.24
B-10	08/07/23	1384.69	5.65	1379.04
B-10	10/30/23	1384.69	5.34	1379.35
B-10	04/08/24	1384.69	3.82	1380.87
B-10	08/12/24	1384.69	3.84	1380.85
B-10	11/11/24	1384.69	6.84	1377.85
B-10	04/07/25	1384.69	3.98	1380.71
B-10	08/04/25	1384.69	7.24	1377.45
B-11	10/28/13	1384.40	9.53	1374.87
B-11	04/14/14	1384.40	5.60	1378.80
B-11	06/02/14	1384.40	7.73	1376.67
B-11	06/05/14	1384.40	16.60	1367.80
B-11	09/08/14	1384.40	9.08	1375.32
B-11	11/17/14	1384.40	9.98	1374.42
B-11	04/06/15	1384.40	8.08	1376.32
B-11	06/22/15	1384.40	7.95	1376.45
B-11	09/21/15	1384.40	8.83	1375.57
B-11	11/16/15	1384.40	9.26	1375.14
B-11	04/11/16	1384.40	8.10	1376.30
B-11	06/20/16	1384.40	7.73	1376.67
B-11	04/24/17	1384.40	6.02	1378.38
B-11	06/19/17	1384.40	6.32	1378.08
B-11	10/09/17	1384.40	8.40	1376.00
B-11	04/18/18	1384.40	6.20	1378.20
B-11	06/11/18	1384.40	6.50	1377.90
B-11	09/24/18	1384.40	6.84	1377.56
B-11	03/25/19	1384.40	4.78	1379.62
B-11	06/10/19	1384.40	5.21	1379.19
B-11	09/16/19	1384.40	6.98	1377.42
B-11	04/14/20	1384.40	4.79	1379.61
B-11	09/08/20	1384.40	7.23	1377.17
B-11	11/09/20	1384.40	8.13	1376.27
B-11	04/12/21	1384.40	6.22	1378.18
B-11	06/28/21	1384.40	6.57	1377.83
B-11	10/12/21	1384.40	7.04	1377.36
B-11	04/11/22	1384.40	5.33	1379.07
B-11	08/02/22	1384.40	7.95	1376.45
B-11	10/10/22	1384.40	6.57	1377.83
B-11	04/24/23	1384.40	4.80	1379.60
B-11	08/07/23	1384.40	6.36	1378.04
B-11	10/30/23	1384.40	5.82	1378.58
B-11	04/08/24	1384.40	4.12	1380.28
B-11	08/12/24	1384.40	5.19	1379.21
B-11	11/11/24	1384.40	7.68	1376.72
B-11	04/07/25	1384.40	4.24	1380.16
B-11	08/04/25	1384.40	7.23	1377.17
B-12	10/28/13	1383.87	11.53	1372.34
B-12	04/14/14	1383.87	6.75	1377.12
B-12	06/02/14	1383.87	9.32	1374.55
B-12	06/05/14	1383.87	16.92	1366.95
B-12	09/08/14	1383.87	8.52	1375.35
B-12	11/17/14	1383.87	10.30	1373.57
B-12	04/06/15	1383.87	7.65	1376.22
B-12	06/22/15	1383.87	8.30	1375.57
B-12	09/21/15	1383.87	9.98	1373.89
B-12	11/16/15	1383.87	10.98	1372.89
B-12	04/11/16	1383.87	6.59	1377.28
B-12	06/20/16	1383.87	7.14	1376.73
B-12	04/24/17	1383.87	4.91	1378.96
B-12	06/19/17	1383.87	5.63	1378.24
B-12	10/09/17	1383.87	8.31	1375.56
B-12	04/18/18	1383.87	4.63	1379.24
B-12	06/11/18	1383.87	5.39	1378.48
B-12	09/24/18	1383.87	6.51	1377.36
B-12	03/25/19	1383.87	4.70	1379.17
B-12	06/10/19	1383.87	5.02	1378.85
B-12	09/16/19	1383.87	7.71	1376.16
B-12	04/14/20	1383.87	4.61	1379.26
B-12	09/08/20	1383.87	8.17	1375.70
B-12	11/09/20	1383.87	7.91	1375.96

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
B-12	04/12/21	1383.87	4.47	1379.40
B-12	06/28/21	1383.87	6.08	1377.79
B-12	10/12/21	1383.87	7.55	1376.32
B-12	04/11/22	1383.87	3.77	1380.10
B-12	08/02/22	1383.87	8.54	1375.33
B-12	10/10/22	1383.87	7.07	1376.80
B-12	04/24/23	1383.87	5.52	1378.35
B-12	08/07/23	1383.87	6.55	1377.32
B-12	10/30/23	1383.87	6.81	1377.06
B-12	04/08/24	1383.87	4.24	1379.63
B-12	08/12/24	1383.87	6.21	1377.66
B-12	11/11/24	1383.87	8.61	1375.26
B-12	04/07/25	1383.87	4.41	1379.46
B-12	08/04/25	1383.87	8.25	1375.62
B-13	10/28/13	1384.50	10.86	1373.64
B-13	04/14/14	1384.50	5.05	1379.45
B-13	06/02/14	1384.50	7.96	1376.54
B-13	06/05/14	1384.50	15.14	1369.36
B-13	09/08/14	1384.50	7.53	1376.97
B-13	11/17/14	1384.50	7.85	1376.65
B-13	04/06/15	1384.50	3.00	1381.50
B-13	06/22/15	1384.50	5.58	1378.92
B-13	09/21/15	1384.50	8.17	1376.33
B-13	11/16/15	1384.50	6.93	1377.57
B-13	04/11/16	1384.50	3.54	1380.96
B-13	06/20/16	1384.50	6.48	1378.02
B-13	04/24/17	1384.50	3.41	1381.09
B-13	06/19/17	1384.50	5.53	1378.97
B-13	10/09/17	1384.50	7.69	1376.81
B-13	04/18/18	1384.50	3.51	1380.99
B-13	06/11/18	1384.50	6.11	1378.39
B-13	09/24/18	1384.50	2.97	1381.53
B-13	03/25/19	1384.50	3.11	1381.39
B-13	06/10/19	1384.50	5.79	1378.71
B-13	09/16/19	1384.50	8.22	1376.28
B-13	04/14/20	1384.50	4.61	1379.89
B-13	09/08/20	1384.50	8.40	1376.10
B-13	11/09/20	1384.50	7.46	1377.04
B-13	04/12/21	1384.50	4.62	1379.88
B-13	06/28/21	1384.50	8.02	1376.48
B-13	10/12/21	1384.50	7.03	1377.47
B-13	04/11/22	1384.50	3.72	1380.78
B-13	08/02/22	1384.50	10.58	1373.92
B-13	10/10/22	1384.50	9.63	1374.87
B-13	04/24/23	1384.50	7.46	1377.04
B-13	08/07/23	1384.50	6.62	1377.88
B-13	10/30/23	1384.50	6.16	1378.34
B-13	04/08/24	1384.50	3.92	1380.58
B-13	08/12/24	1384.50	4.73	1379.77
B-13	11/11/24	1384.50	8.23	1376.27
B-13	04/07/25	1384.50	3.79	1380.71
B-13	08/04/25	1384.50	12.56	1371.94
BP-1	05/17/10	1392.43	33.90	1358.53
BP-1	05/15/11	1392.43	34.12	1358.31
BP-1	10/09/11	1392.43	33.25	1359.18
BP-1	03/16/12	1392.43	34.49	1357.94
BP-1	09/10/12	1392.43	37.20	1355.23
BP-1	09/10/12	1392.43	37.20	1355.23
BP-1	04/07/13	1392.43	33.65	1358.78
BP-1	10/28/13	1395.62	34.30	1361.32
BP-1	04/14/14	1395.62	33.95	1361.67
BP-1	06/02/14	1395.62	36.82	1358.80
BP-1	08/08/14	1395.62	38.70	1356.92
BP-1	11/17/14	1395.62	40.30	1355.32
BP-1	04/06/15	1395.62	30.26	1365.36
BP-1A	05/17/10	1392.89	11.55	1381.34
BP-1A	01/09/11	1392.89	11.60	1381.29
BP-1A	03/21/11	1392.89	8.35	1384.54
BP-1A	05/15/11	1392.89	11.11	1381.78
BP-1A	10/09/11	1392.89	11.48	1381.41
BP-1A	03/16/12	1392.89	10.95	1381.94
BP-1A	09/10/12	1392.89	15.25	1377.64
BP-1A	09/11/12	1392.89	16.05	1376.84
BP-1A	04/07/13	1392.89	10.00	1382.89
BP-1A	10/28/13	1395.67	16.82	1378.85
BP-1A	10/30/13	1395.67	16.55	1379.12
BP-1A	04/14/14	1395.67	12.22	1383.45
BP-1A	04/16/14	1395.67	12.41	1383.26
BP-1A	06/02/14	1395.67	15.63	1380.04
BP-1A	06/04/14	1395.67	15.54	1380.13
BP-1A	09/08/14	1395.67	17.74	1377.93
BP-1A	11/17/14	1395.67	18.66	1377.01
BP-1A	04/06/15	1395.67	12.56	1383.11
BP-1A	06/22/15	1395.67	12.43	1383.24
BP-1A	09/23/15	1395.67	17.45	1378.22

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-1A	11/17/15	1395.67	0.75	1394.92
BP-1A	11/18/15	1395.67	17.93	1377.74
BP-1A	04/11/16	1395.67	12.00	1383.67
BP-1A	04/12/16	1395.67	12.00	1383.67
BP-1A	06/21/16	1395.67	16.36	1379.31
BP-1A	06/21/16	1395.67	15.23	1380.44
BP-1A	09/21/16	1396.03	17.65	1378.38
BP-1A	09/21/16	1396.03	18.08	1377.95
BP-1A	04/24/17	1396.03	11.61	1384.42
BP-1A	04/25/17	1396.03	11.53	1384.50
BP-1A	06/19/17	1395.67	13.96	1381.71
BP-1A	06/20/17	1395.67	13.94	1381.73
BP-1A	10/11/17	1395.67	17.80	1377.87
BP-1A	04/17/18	1395.67	11.97	1383.70
BP-1A	06/11/18	1395.67	13.78	1381.89
BP-1A	09/24/18	1395.67	11.96	1383.71
BP-1A	03/25/19	1395.67	12.26	1383.41
BP-1A	03/27/19	1395.67	12.47	1383.20
BP-1A	06/12/19	1395.67	14.82	1380.85
BP-1A	09/17/19	1395.67	15.37	1380.30
BP-1A	04/14/20	1395.67	13.69	1381.98
BP-1A	09/09/20	1395.67	17.55	1378.12
BP-1A	11/11/20	1395.67	16.91	1378.76
BP-1A	04/13/21	1395.67	13.07	1382.60
BP-1A	06/30/21	1395.67	15.11	1380.56
BP-1A	10/13/21	1395.67	14.70	1380.97
BP-1A	04/13/22	1395.67	11.19	1384.48
BP-1A	08/02/22	1395.67	16.28	1379.39
BP-1A	10/12/22	1395.67	15.24	1380.43
BP-1A	04/26/23	1395.67	13.72	1381.95
BP-1A	08/09/23	1395.67	14.20	1381.47
BP-1A	11/01/23	1395.67	12.91	1382.76
BP-1A	04/10/24	1395.67	11.05	1384.62
BP-1A	08/14/24	1395.67	13.10	1382.57
BP-1A	11/12/24	1395.67	16.28	1379.39
BP-1A	04/09/25	1395.67	11.35	1384.32
BP-1A	08/06/25	1395.67	11.70	1383.97
BP-2	05/17/10	1394.19	27.19	1367.00
BP-2	03/21/11	1394.19	24.00	1370.19
BP-2	05/15/11	1394.19	25.50	1368.69
BP-2	05/16/11	1394.19	25.75	1368.44
BP-2	10/09/11	1394.19	26.08	1368.11
BP-2	03/16/12	1394.19	26.95	1367.24
BP-2	04/07/13	1394.19	26.40	1367.79
BP-2	10/28/13	1396.98	27.71	1369.27
BP-2	04/14/14	1396.98	24.70	1372.28
BP-2	06/02/14	1396.98	27.55	1369.43
BP-2	09/08/14	1396.98	29.40	1367.58
BP-2	11/17/14	1396.98	30.20	1366.78
BP-2	04/06/15	1396.98	25.20	1371.78
BP-2	06/20/16	1396.98	29.73	1367.25
BP-2A	05/17/10	1394.48	9.46	1385.02
BP-2A	09/23/10	1394.48	12.66	1381.82
BP-2A	01/09/11	1394.48	6.65	1387.83
BP-2A	01/12/11	1394.48	9.41	1385.07
BP-2A	03/21/11	1394.48	8.50	1385.98
BP-2A	03/22/11	1394.48	8.25	1386.23
BP-2A	05/15/11	1394.48	9.33	1385.15
BP-2A	05/16/11	1394.48	9.79	1384.69
BP-2A	06/20/11	1394.48	9.58	1384.90
BP-2A	10/09/11	1394.48	9.46	1385.02
BP-2A	10/10/11	1394.48	9.45	1385.03
BP-2A	03/16/12	1394.48	9.41	1385.07
BP-2A	03/20/12	1394.48	9.30	1385.18
BP-2A	09/10/12	1394.48	9.92	1384.56
BP-2A	09/10/12	1394.48	9.95	1384.53
BP-2A	04/07/13	1394.48	9.24	1385.24
BP-2A	10/28/13	1396.89	12.49	1384.40
BP-2A	10/29/13	1396.89	12.50	1384.39
BP-2A	04/14/14	1396.89	10.95	1385.94
BP-2A	04/16/14	1396.89	10.45	1386.44
BP-2A	06/02/14	1396.89	12.01	1384.88
BP-2A	06/04/14	1396.89	12.02	1384.87
BP-2A	09/08/14	1396.89	12.62	1384.27
BP-2A	11/17/14	1396.89	13.23	1383.66
BP-2A	04/06/15	1396.89	10.23	1386.66
BP-2A	06/22/15	1396.89	10.63	1386.26
BP-2A	09/22/15	1396.89	12.72	1384.17
BP-2A	11/16/15	1396.89	12.52	1384.37
BP-2A	11/16/15	1396.89	13.92	1382.97
BP-2A	04/11/16	1396.89	10.42	1386.47
BP-2A	04/12/16	1396.89	10.42	1386.47
BP-2A	06/21/16	1396.89	13.80	1383.09
BP-2A	06/21/16	1396.89	11.85	1385.04
BP-2A	09/21/16	1397.15	11.91	1385.24

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-2A	09/21/16	1397.15	13.05	1384.10
BP-2A	04/25/17	1397.15	10.36	1386.79
BP-2A	06/20/17	1396.89	11.13	1385.76
BP-2A	10/11/17	1396.89	13.99	1382.90
BP-2A	04/18/18	1396.89	10.53	1386.36
BP-2A	06/13/18	1396.89	11.51	1385.38
BP-2A	09/26/18	1396.89	9.58	1387.31
BP-2A	03/27/19	1396.89	10.89	1386.00
BP-2A	06/12/19	1396.89	11.14	1385.75
BP-2A	09/17/19	1396.89	12.25	1384.64
BP-2A	04/14/20	1396.89	10.28	1386.61
BP-2A	09/09/20	1396.89	14.02	1382.87
BP-2A	11/11/20	1396.89	14.09	1382.80
BP-2A	04/13/21	1396.89	10.47	1386.42
BP-2A	06/29/21	1396.89	12.80	1384.09
BP-2A	10/13/21	1396.89	13.46	1383.43
BP-2A	11/15/21	1396.89	10.95	1385.94
BP-2A	04/13/22	1396.89	9.70	1387.19
BP-2A	08/02/22	1396.89	13.15	1383.74
BP-2A	10/12/22	1396.89	12.54	1384.35
BP-2A	04/26/23	1396.89	11.81	1385.08
BP-2A	08/09/23	1396.89	10.08	1386.81
BP-2A	11/01/23	1396.89	9.52	1387.37
BP-2A	04/10/24	1396.89	9.21	1387.68
BP-2A	08/14/24	1396.89	10.07	1386.82
BP-2A	11/13/24	1396.89	13.82	1383.07
BP-2A	04/09/25	1396.89	9.69	1387.20
BP-2A	08/06/25	1396.89	13.01	1383.88
BP-3	05/17/10	1391.79	35.16	1356.63
BP-3	09/21/10	1391.79	37.89	1353.90
BP-3	01/12/11	1391.79	35.65	1356.14
BP-3	03/21/11	1391.79	29.88	1361.91
BP-3	03/22/11	1391.79	29.95	1361.84
BP-3	05/15/11	1391.79	33.73	1358.06
BP-3	05/16/11	1391.79	34.03	1357.76
BP-3	06/20/11	1391.79	35.08	1356.71
BP-3	10/09/11	1391.79	33.94	1357.85
BP-3	10/10/11	1391.79	34.18	1357.61
BP-3	03/16/12	1391.79	35.19	1356.60
BP-3	03/20/12	1391.79	35.33	1356.46
BP-3	09/10/12	1391.79	35.70	1356.09
BP-3	09/10/12	1391.79	35.65	1356.14
BP-3	09/11/12	1391.79	36.67	1355.12
BP-3	04/07/13	1391.79	32.53	1359.26
BP-3	10/28/13	1394.81	35.70	1359.11
BP-3	04/14/14	1394.81	33.25	1361.56
BP-3	06/02/14	1394.81	36.00	1358.81
BP-3	09/08/14	1394.81	36.85	1357.96
BP-3	11/17/14	1394.81	37.29	1357.52
BP-3	04/06/15	1394.81	33.85	1360.96
BP-3	06/20/16	1394.81	37.47	1357.34
BP-4	05/17/10	1390.36	22.61	1367.75
BP-4	09/21/10	1390.36	27.05	1363.31
BP-4	01/10/11	1390.36	23.22	1367.14
BP-4	03/21/11	1390.36	19.63	1370.73
BP-4	03/22/11	1390.36	19.60	1370.76
BP-4	05/15/11	1390.36	21.41	1368.95
BP-4	05/16/11	1390.36	21.64	1368.72
BP-4	06/20/11	1390.36	23.19	1367.17
BP-4	10/09/11	1390.36	21.93	1368.43
BP-4	10/10/11	1390.36	21.98	1368.38
BP-4	03/16/12	1390.36	22.55	1367.81
BP-4	03/20/12	1390.36	22.95	1367.41
BP-4	09/10/12	1390.36	25.46	1364.90
BP-4	09/11/12	1390.36	25.60	1364.76
BP-4	04/07/13	1390.36	22.03	1368.33
BP-4	04/14/14	1392.81	21.95	1370.86
BP-4	06/02/14	1392.81	24.50	1368.31
BP-4	09/08/14	1392.81	25.90	1366.91
BP-4	11/17/14	1392.81	26.26	1366.55
BP-4	04/06/15	1392.81	21.61	1371.20
BP-4	06/20/16	1392.81	25.88	1366.93
BP-4A	05/17/10	1390.38	10.95	1379.43
BP-4A	05/18/10	1390.38	11.22	1379.16
BP-4A	06/30/10	1390.38	12.22	1378.16
BP-4A	08/03/10	1390.38	13.81	1376.57
BP-4A	09/22/10	1390.38	15.85	1374.53
BP-4A	11/08/10	1390.38	13.35	1377.03
BP-4A	01/09/11	1390.38	12.80	1377.58
BP-4A	01/10/11	1390.38	13.30	1377.08
BP-4A	03/21/11	1390.38	9.75	1380.63
BP-4A	03/22/11	1390.38	9.75	1380.63
BP-4A	05/15/11	1390.38	10.74	1379.64
BP-4A	05/16/11	1390.38	11.08	1379.30
BP-4A	06/20/11	1390.38	12.25	1378.13

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-4A	10/09/11	1390.38	11.90	1378.48
BP-4A	10/10/11	1390.38	11.87	1378.51
BP-4A	12/05/11	1390.38	12.14	1378.24
BP-4A	03/16/12	1390.38	10.84	1379.54
BP-4A	03/20/12	1390.38	11.15	1379.23
BP-4A	09/10/12	1390.38	14.15	1376.23
BP-4A	04/07/13	1390.38	10.63	1379.75
BP-4A	10/30/13	1391.96	14.42	1377.54
BP-4A	04/14/14	1391.96	11.45	1380.51
BP-4A	04/16/14	1391.96	12.15	1379.81
BP-4A	06/02/14	1391.96	13.28	1378.68
BP-4A	06/04/14	1391.96	13.20	1378.76
BP-4A	09/08/14	1391.96	14.94	1377.02
BP-4A	11/17/14	1391.96	15.33	1376.63
BP-4A	04/06/15	1391.96	11.27	1380.69
BP-4A	06/22/15	1391.96	12.58	1379.38
BP-4A	09/22/15	1391.96	14.83	1377.13
BP-4A	11/16/15	1391.96	15.55	1376.41
BP-4A	11/16/15	1391.96	16.65	1375.31
BP-4A	04/11/16	1391.96	12.31	1379.65
BP-4A	04/13/16	1389.60	12.31	1377.29
BP-4A	06/21/16	1391.96	14.35	1377.61
BP-4A	06/21/16	1391.96	13.36	1378.60
BP-4A	09/21/16	1392.28	15.00	1377.28
BP-4A	09/21/16	1392.28	16.11	1376.17
BP-4A	04/25/17	1392.28	11.23	1381.05
BP-4A	06/20/17	1391.96	12.51	1379.45
BP-4A	10/11/17	1391.96	15.41	1376.55
BP-4A	04/17/18	1391.96	11.09	1380.87
BP-4A	06/12/18	1391.96	12.51	1379.45
BP-4A	09/26/18	1391.96	11.50	1380.46
BP-4A	03/27/19	1391.96	11.40	1380.56
BP-4A	06/12/19	1391.96	12.14	1379.82
BP-4A	09/17/19	1391.96	14.33	1377.63
BP-4A	04/14/20	1391.96	11.73	1380.23
BP-4A	09/09/20	1391.96	14.21	1377.75
BP-4A	11/11/20	1391.96	14.64	1377.32
BP-4A	04/13/21	1391.96	11.98	1379.98
BP-4A	06/29/21	1391.96	13.23	1378.73
BP-4A	10/13/21	1391.96	13.56	1378.40
BP-4A	11/15/21	1391.96	11.98	1379.98
BP-4A	12/08/21	1391.96	13.40	1378.56
BP-4A	02/10/22	1391.96	12.10	1379.86
BP-4A	04/12/22	1391.96	10.86	1381.10
BP-4A	08/03/22	1391.96	14.62	1377.34
BP-4A	10/12/22	1391.96	12.75	1379.21
BP-4A	04/26/23	1391.96	11.55	1380.41
BP-4A	08/09/23	1391.96	9.76	1382.20
BP-4A	11/01/23	1391.96	9.06	1382.90
BP-4A	04/09/24	1391.96	7.34	1384.62
BP-4A	08/14/24	1391.96	9.58	1382.38
BP-4A	11/12/24	1391.96	11.43	1380.53
BP-4A	08/05/25	1391.96	11.17	1380.79
BP-5	05/17/10	1389.64	26.29	1363.35
BP-5	03/21/11	1389.64	22.12	1367.52
BP-5	05/15/11	1389.64	22.23	1367.41
BP-5	10/09/11	1389.64	24.22	1365.42
BP-5	03/16/12	1389.64	26.13	1363.51
BP-5	09/10/12	1389.64	>27.60	<1362.04
BP-5	04/07/13	1389.64	25.30	1364.34
BP-5	10/28/13	1391.65	27.13	1364.52
BP-5	04/14/14	1391.65	24.07	1367.58
BP-5	06/02/14	1391.65	26.10	1365.55
BP-5	09/08/14	1391.65	27.55	1364.10
BP-5	11/17/14	1391.65	28.43	1363.22
BP-5	04/06/15	1391.65	24.74	1366.91
BP-5A	05/17/10	1389.76	14.14	1375.62
BP-5A	11/10/10	1389.76	14.90	1374.86
BP-5A	01/09/11	1389.76	13.95	1375.81
BP-5A	01/13/11	1389.76	14.10	1375.66
BP-5A	03/21/11	1389.76	9.32	1380.44
BP-5A	03/22/11	1389.76	9.34	1380.42
BP-5A	05/15/11	1389.76	11.20	1378.56
BP-5A	05/17/11	1389.76	11.91	1377.85
BP-5A	06/20/11	1389.76	12.87	1376.89
BP-5A	10/09/11	1389.76	12.65	1377.11
BP-5A	10/10/11	1389.76	12.65	1377.11
BP-5A	12/08/11	1389.76	12.84	1376.92
BP-5A	03/16/12	1389.76	12.44	1377.32
BP-5A	03/20/12	1389.76	12.96	1376.80
BP-5A	09/10/12	1389.76	>15.00	<1374.76
BP-5A	04/07/13	1389.76	11.41	1378.35
BP-5A	10/28/13	1391.09	16.24	1374.85
BP-5A	10/29/13	1391.09	16.48	1374.61
BP-5A	04/14/14	1391.09	12.08	1379.01

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-5A	04/16/14	1391.09	12.55	1378.54
BP-5A	06/03/14	1391.09	14.70	1376.39
BP-5A	09/08/14	1391.09	16.75	1374.34
BP-5A	11/17/14	1391.09	19.30	1371.79
BP-5A	04/06/15	1391.09	11.26	1379.83
BP-5A	06/22/15	1391.09	12.82	1378.27
BP-5A	09/23/15	1391.09	17.33	1373.76
BP-5A	11/17/15	1391.09	18.18	1372.91
BP-5A	11/18/15	1391.09	18.18	1372.91
BP-5A	04/11/16	1391.09	12.88	1378.21
BP-5A	04/12/16	1391.09	12.88	1378.21
BP-5A	06/22/16	1391.09	16.21	1374.88
BP-5A	06/22/16	1391.09	15.12	1375.97
BP-5A	09/21/16	1391.23	17.72	1373.51
BP-5A	09/21/16	1391.23	18.39	1372.84
BP-5A	04/24/17	1391.23	11.88	1379.35
BP-5A	04/25/17	1391.23	11.90	1379.33
BP-5A	06/19/17	1391.09	13.42	1377.67
BP-5A	06/20/17	1391.09	13.63	1377.46
BP-5A	10/11/17	1391.09	>17.53	<1373.56
BP-5A	04/17/18	1391.09	13.86	1377.23
BP-5A	06/11/18	1391.09	14.93	1376.16
BP-5A	09/24/18	1391.09	13.88	1377.21
BP-5A	03/25/19	1391.09	13.43	1377.66
BP-5A	03/27/19	1391.09	13.67	1377.42
BP-5A	06/12/19	1391.09	14.05	1377.04
BP-5A	09/18/19	1391.09	18.16	1372.93
BP-5A	04/14/20	1391.09	14.20	1376.89
BP-5A	09/09/20	1391.09	18.40	1372.69
BP-5A	11/11/20	1391.09	>16.80	<1374.29
BP-5A	04/13/21	1391.09	14.00	1377.09
BP-5A	06/30/21	1391.09	15.55	1375.54
BP-5A	10/13/21	1391.09	16.72	1374.37
BP-5A	04/13/22	1391.09	11.54	1379.55
BP-5A	08/02/22	1391.09	17.62	1373.47
BP-5A	10/11/22	1391.09	15.49	1375.60
BP-5A	04/26/23	1391.09	14.62	1376.47
BP-5A	08/10/23	1391.09	15.74	1375.35
BP-5A	11/01/23	1391.09	14.54	1376.55
BP-5A	04/10/24	1391.09	12.04	1379.05
BP-5A	08/14/24	1391.09	13.80	1377.29
BP-5A	11/12/24	1391.09	Dry	
BP-5A	08/06/25	1391.09	16.48	1374.61
BP-6	05/17/10	1391.68	25.50	1366.18
BP-6	09/21/10	1391.68	29.11	1362.57
BP-6	01/12/11	1391.68	27.20	1364.48
BP-6	03/21/11	1391.68	23.94	1367.74
BP-6	03/23/11	1391.68	23.71	1367.97
BP-6	05/15/11	1391.68	24.02	1367.66
BP-6	05/16/11	1391.68	24.22	1367.46
BP-6	06/20/11	1391.68	24.98	1366.70
BP-6	10/09/11	1391.68	23.85	1367.83
BP-6	10/10/11	1391.68	23.75	1367.93
BP-6	03/16/12	1391.68	25.58	1366.10
BP-6	03/20/12	1391.68	25.46	1366.22
BP-6	09/10/12	1391.68	26.95	1364.73
BP-6	09/11/12	1391.68	27.00	1364.68
BP-6	04/07/13	1391.68	25.47	1366.21
BP-6	10/28/13	1394.32	26.03	1368.29
BP-6	04/14/14	1394.32	25.68	1368.64
BP-6	06/02/14	1394.32	26.19	1368.13
BP-6	09/08/14	1394.32	27.39	1366.93
BP-6	11/17/14	1394.32	27.00	1367.32
BP-6	04/06/15	1394.32	27.64	1366.68
BP-6	06/20/16	1394.32	27.09	1367.23
BP-6A	05/17/10	1391.14	16.46	1374.68
BP-6A	06/30/10	1391.14	15.36	1375.78
BP-6A	08/03/10	1391.14	14.85	1376.29
BP-6A	09/21/10	1391.14	15.41	1375.73
BP-6A	11/10/10	1391.14	17.32	1373.82
BP-6A	01/09/11	1391.14	17.65	1373.49
BP-6A	01/12/11	1391.14	17.46	1373.68
BP-6A	03/21/11	1391.14	17.66	1373.48
BP-6A	03/23/11	1391.14	17.28	1373.86
BP-6A	05/15/11	1391.14	15.10	1376.04
BP-6A	05/16/11	1391.14	14.82	1376.32
BP-6A	06/22/11	1391.14	14.15	1376.99
BP-6A	10/09/11	1391.14	15.28	1375.86
BP-6A	10/10/11	1391.14	15.20	1375.94
BP-6A	12/05/11	1391.14	15.78	1375.36
BP-6A	03/16/12	1391.14	17.04	1374.10
BP-6A	03/20/12	1391.14	16.74	1374.40
BP-6A	09/10/12	1391.14	15.45	1375.69
BP-6A	09/11/12	1391.14	15.26	1375.88
BP-6A	04/07/13	1391.14	17.47	1373.67

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-6A	10/28/13	1393.95	17.20	1376.75
BP-6A	10/29/13	1393.95	16.98	1376.97
BP-6A	04/14/14	1393.95	18.29	1375.66
BP-6A	04/16/14	1393.95	18.05	1375.90
BP-6A	06/02/14	1393.95	20.03	1373.92
BP-6A	06/05/14	1393.95	19.80	1374.15
BP-6A	09/08/14	1393.95	17.44	1376.51
BP-6A	11/17/14	1393.95	18.20	1375.75
BP-6A	04/06/15	1393.95	20.52	1373.43
BP-6A	06/22/15	1393.95	17.17	1376.78
BP-6A	09/22/15	1393.95	16.86	1377.09
BP-6A	11/17/15	1393.95	18.06	1375.89
BP-6A	11/17/15	1393.95	19.83	1374.12
BP-6A	04/11/16	1393.95	19.21	1374.74
BP-6A	04/13/16	1391.30	19.21	1372.09
BP-6A	06/22/16	1393.95	19.49	1374.46
BP-6A	06/22/16	1393.95	18.49	1375.46
BP-6A	09/21/16	1394.10	18.02	1376.08
BP-6A	09/21/16	1394.10	19.22	1374.88
BP-6A	04/26/17	1394.10	16.58	1377.52
BP-6A	06/21/17	1393.95	16.92	1377.03
BP-6A	10/11/17	1393.95	19.29	1374.66
BP-6A	04/18/18	1393.95	15.07	1378.88
BP-6A	06/13/18	1393.95	15.31	1378.64
BP-6A	09/26/18	1393.95	15.42	1378.53
BP-6A	03/27/19	1393.95	14.31	1379.64
BP-6A	06/12/19	1393.95	13.06	1380.89
BP-6A	09/18/19	1393.95	15.43	1378.52
BP-6A	10/08/19	1393.95	19.59	1374.36
BP-6A	04/15/20	1393.95	13.13	1380.82
BP-6A	09/10/20	1393.95	15.61	1378.34
BP-6A	11/11/20	1393.95	17.63	1376.32
BP-6A	04/14/21	1393.95	14.32	1379.63
BP-6A	06/30/21	1393.95	15.17	1378.78
BP-6A	10/13/21	1393.95	15.72	1378.23
BP-6A	11/15/21	1393.95	17.93	1376.02
BP-6A	04/13/22	1393.95	12.68	1381.27
BP-6A	08/03/22	1393.95	16.36	1377.59
BP-6A	10/12/22	1393.95	17.45	1376.50
BP-6A	04/26/23	1393.95	13.38	1380.57
BP-6A	08/09/23	1393.95	13.13	1380.82
BP-6A	11/01/23	1393.95	14.61	1379.34
BP-6A	04/10/24	1393.95	11.60	1382.35
BP-6A	08/14/24	1393.95	14.93	1379.02
BP-6A	11/13/24	1393.95	16.04	1377.91
BP-6A	04/09/25	1393.95	12.42	1381.53
BP-6A	08/06/25	1393.95	15.28	1378.67
BP-7A	05/17/10	1388.92	12.56	1376.36
BP-7A	05/17/10	1388.92	12.91	1376.01
BP-7A	09/22/10	1388.92	16.95	1371.97
BP-7A	01/09/11	1388.92	13.10	1375.82
BP-7A	03/21/11	1388.92	7.12	1381.80
BP-7A	05/15/11	1388.92	13.02	1375.90
BP-7A	05/17/11	1388.92	13.93	1374.99
BP-7A	10/09/11	1388.92	12.58	1376.34
BP-7A	10/10/11	1388.92	12.65	1376.27
BP-7A	12/08/11	1388.92	9.20	1379.72
BP-7A	03/16/12	1388.92	11.96	1376.96
BP-7A	03/19/12	1388.92	12.67	1376.25
BP-7A	09/10/12	1388.92	11.25	1377.67
BP-7A	09/10/12	1388.92	11.50	1377.42
BP-7A	04/07/13	1388.92	11.30	1377.62
BP-7A	10/28/13	1388.89	14.80	1374.09
BP-7A	10/29/13	1388.89	15.76	1373.13
BP-7A	04/14/14	1388.89	9.31	1379.58
BP-7A	04/17/14	1388.89	7.96	1380.93
BP-7A	06/02/14	1388.89	14.62	1374.27
BP-7A	09/08/14	1388.89	14.78	1374.11
BP-7A	11/17/14	1388.89	11.63	1377.26
BP-7A	04/06/15	1388.89	6.15	1382.74
BP-7A	06/22/15	1388.89	8.13	1380.76
BP-7A	09/21/15	1388.89	17.72	1371.17
BP-7A	11/16/15	1388.89	11.80	1377.09
BP-7A	04/11/16	1388.89	9.00	1379.89
BP-7A	06/23/16	1388.89	16.57	1372.32
BP-7A	04/24/17	1389.10	8.92	1380.18
BP-7A	06/21/17	1388.89	11.75	1377.14
BP-7A	04/19/18	1388.89	9.63	1379.26
BP-7A	06/11/18	1388.89	14.61	1374.28
BP-7A	09/24/18	1388.89	9.47	1379.42
BP-7A	03/25/19	1388.89	9.55	1379.34
BP-7A	06/11/19	1388.89	12.85	1376.04
BP-7A	09/16/19	1388.89	12.79	1376.10
BP-7A	10/08/19	1388.89	8.59	1380.30
BP-7A	04/13/20	1388.89	12.16	1376.73

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-7A	09/08/20	1388.89	>15.31	<1373.58
BP-7A	11/09/20	1388.89	13.89	1375.00
BP-7A	04/12/21	1388.89	12.70	1376.19
BP-7A	06/28/21	1388.89	15.47	1373.42
BP-7A	10/12/21	1388.89	14.52	1374.37
BP-7A	04/11/22	1388.89	8.49	1380.40
BP-7A	08/01/22	1388.89	>15.70	<1373.19
BP-7A	10/10/22	1388.89	15.17	1373.72
BP-7A	04/24/23	1388.89	15.46	1373.43
BP-7A	08/09/23	1388.89	15.02	1373.87
BP-7A	11/02/23	1388.89	10.37	1378.52
BP-7A	04/09/24	1388.89	10.04	1378.85
BP-7A	08/14/24	1388.89	11.49	1377.40
BP-7A	11/11/24	1388.89	>17.25	<1371.64
BP-7A	04/07/25	1388.89	7.34	1381.55
BP-7A	08/06/25	1388.89	17.08[†]	1371.81
BP-8A	05/17/10	1384.53	12.83	1371.70
BP-8A	11/11/10	1384.53	11.07	1373.46
BP-8A	01/09/11	1384.53	13.61	1370.92
BP-8A	01/11/11	1384.53	13.62	1370.91
BP-8A	03/21/11	1384.53	7.46	1377.07
BP-8A	03/23/11	1384.53	7.68	1376.85
BP-8A	05/15/11	1384.53	14.00	1370.53
BP-8A	05/17/11	1384.53	13.57	1370.96
BP-8A	06/22/11	1384.53	17.69	1366.84
BP-8A	10/09/11	1384.53	12.85	1371.68
BP-8A	10/11/11	1384.53	13.93	1370.60
BP-8A	03/16/12	1384.53	11.45	1373.08
BP-8A	03/20/12	1384.53	13.55	1370.98
BP-8A	09/10/12	1384.53	>15.00	<1369.53
BP-8A	04/07/13	1384.53	8.82	1375.71
BP-8A	10/28/13	1384.53	16.80	1367.73
BP-8A	04/14/14	1384.53	7.58	1376.95
BP-8A	06/02/14	1384.53	16.52	1368.01
BP-8A	09/08/14	1384.53	17.17	1367.36
BP-8A	11/17/14	1384.53	16.95	1367.58
BP-8A	04/06/15	1384.53	4.38	1380.15
BP-8A	06/22/15	1384.53	7.01	1377.52
BP-8A	09/21/15	1384.53	17.73	1366.80
BP-8A	04/11/16	1384.53	6.79	1377.74
BP-8A	06/23/16	1384.53	16.60	1367.93
BP-8A	04/24/17	1385.31	8.43	1376.88
BP-8A	06/21/17	1384.53	14.68	1369.85
BP-8A	04/19/18	1384.53	8.21	1376.32
BP-8A	06/11/18	1384.53	15.82	1368.71
BP-8A	09/24/18	1384.53	8.21	1376.32
BP-8A	03/25/19	1384.53	7.22	1377.31
BP-8A	06/11/19	1384.53	13.11	1371.42
BP-8A	09/16/19	1384.53	15.77	1368.76
BP-8A	04/13/20	1384.53	9.95	1374.58
BP-8A	09/09/20	1384.53	>15.59	<1368.94
BP-8A	11/09/20	1384.53	15.48	1369.05
BP-8A	04/12/21	1384.53	11.07	1373.46
BP-8A	06/28/21	1384.53	14.45	1370.08
BP-8A	10/12/21	1384.53	15.21	1369.32
BP-8A	11/15/21	1384.53	7.12	1377.41
BP-8A	04/11/22	1384.53	9.09	1375.44
BP-8A	08/01/22	1384.53	>15.45	<1369.08
BP-8A	10/10/22	1384.53	15.64	1368.89
BP-8A	04/24/23	1384.53	11.06	1373.47
BP-8A	08/09/23	1384.53	14.12	1370.41
BP-8A	11/02/23	1384.53	10.80	1373.73
BP-8A	04/09/24	1384.53	10.83	1373.70
BP-8A	08/14/24	1384.53	12.32	1372.21
BP-8A	11/11/24	1384.53	16.27	1368.26
BP-8A	04/07/25	1384.53	8.23	1376.30
BP-8A	08/05/25	1384.53	16.67[†]	1367.86
BP-9A	05/17/10	1379.16	12.27	1366.89
BP-9A	05/18/10	1379.16	13.13	1366.03
BP-9A	06/30/10	1379.16	14.00	1365.16
BP-9A	08/04/10	1379.16	14.95	1364.21
BP-9A	09/22/10	1379.16	16.48	1362.68
BP-9A	11/11/10	1379.16	11.65	1367.51
BP-9A	01/09/11	1379.16	13.01	1366.15
BP-9A	01/11/11	1379.16	12.55	1366.61
BP-9A	03/21/11	1379.16	9.36	1369.80
BP-9A	03/24/11	1379.16	9.75	1369.41
BP-9A	05/15/11	1379.16	12.60	1366.56
BP-9A	05/17/11	1379.16	12.09	1367.07
BP-9A	06/21/11	1379.16	13.82	1365.34
BP-9A	10/09/11	1379.16	11.75	1367.41
BP-9A	10/11/11	1379.16	12.23	1366.93
BP-9A	03/16/12	1379.16	11.52	1367.64
BP-9A	03/21/12	1379.16	12.65	1366.51
BP-9A	09/10/12	1379.16	15.15	1364.01

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-9A	09/12/12	1379.16	15.70	1363.46
BP-9A	04/07/13	1379.16	10.52	1368.64
BP-9A	10/28/13	1379.17	13.28	1365.89
BP-9A	10/30/13	1379.17	13.20	1365.97
BP-9A	04/14/14	1379.17	9.85	1369.32
BP-9A	04/15/14	1379.17	9.85	1369.32
BP-9A	06/02/14	1379.17	13.00	1366.17
BP-9A	06/03/14	1379.17	13.03	1366.14
BP-9A	09/08/14	1379.17	13.92	1365.25
BP-9A	11/17/14	1379.17	13.80	1365.37
BP-9A	04/06/15	1379.17	9.20	1369.97
BP-9A	06/22/15	1379.17	10.10	1369.07
BP-9A	09/22/15	1379.17	13.45	1365.72
BP-9A	11/17/15	1379.17	13.49	1365.68
BP-9A	11/17/15	1379.17	14.82	1364.35
BP-9A	04/11/16	1379.17	9.97	1369.20
BP-9A	04/12/16	1379.17	9.97	1369.20
BP-9A	06/21/16	1379.17	16.21	1362.96
BP-9A	06/21/16	1379.17	13.20	1365.97
BP-9A	09/20/16	1379.54	13.51	1366.03
BP-9A	09/20/16	1379.54	15.49	1364.05
BP-9A	04/24/17	1379.54	10.25	1369.29
BP-9A	04/25/17	1379.54	10.30	1369.24
BP-9A	06/19/17	1379.17	12.32	1366.85
BP-9A	06/20/17	1379.17	12.31	1366.86
BP-9A	10/10/17	1379.17	15.22	1363.95
BP-9A	04/17/18	1379.17	10.36	1368.81
BP-9A	06/11/18	1379.17	12.47	1366.70
BP-9A	09/24/18	1379.17	9.95	1369.22
BP-9A	03/25/19	1379.17	10.31	1368.86
BP-9A	03/26/19	1379.17	10.53	1368.64
BP-9A	06/11/19	1379.17	12.12	1367.05
BP-9A	09/17/19	1379.17	12.94	1366.23
BP-9A	10/08/19	1379.17	13.34	1365.83
BP-9A	04/15/20	1379.17	11.78	1367.39
BP-9A	09/10/20	1379.17	13.45	1365.72
BP-9A	11/11/20	1379.17	13.09	1366.08
BP-9A	04/14/21	1379.17	10.38	1368.79
BP-9A	06/29/21	1379.17	12.62	1366.55
BP-9A	10/13/21	1379.17	12.24	1366.93
BP-9A	11/15/21	1379.17	9.83	1369.34
BP-9A	04/12/22	1379.17	8.85	1370.32
BP-9A	08/02/22	1379.17	12.88	1366.29
BP-9A	10/11/22	1379.17	11.76	1367.41
BP-9A	04/25/23	1379.17	10.78	1368.39
BP-9A	08/08/23	1379.17	13.01	1366.16
BP-9A	10/31/23	1379.17	11.65	1367.52
BP-9A	04/09/24	1379.17	10.24	1368.93
BP-9A	08/13/24	1379.17	11.10	1368.07
BP-9A	11/12/24	1379.17	13.19	1365.98
BP-9A	04/09/25	1379.17	10.32	1368.85
BP-9A	08/06/25	1379.17	12.84	1366.33
BP-10A	05/17/10	1381.74	14.08	1367.66
BP-10A	05/20/10	1381.74	12.31	1369.43
BP-10A	09/22/10	1381.74	15.25	1366.49
BP-10A	01/09/11	1381.74	11.20	1370.54
BP-10A	03/21/11	1381.74	9.70	1372.04
BP-10A	05/15/11	1381.74	14.12	1367.62
BP-10A	05/17/11	1381.74	14.10	1367.64
BP-10A	10/09/11	1381.74	14.19	1367.55
BP-10A	10/12/11	1381.74	14.09	1367.65
BP-10A	03/16/12	1381.74	13.79	1367.95
BP-10A	03/19/12	1381.74	13.97	1367.77
BP-10A	09/10/12	1381.74	13.55	1368.19
BP-10A	09/10/12	1381.74	13.80	1367.94
BP-10A	04/07/13	1381.74	11.94	1369.80
BP-10A	10/28/13	1381.74	14.18	1367.56
BP-10A	10/30/13	1381.74	14.20	1367.54
BP-10A	04/14/14	1381.74	11.32	1370.42
BP-10A	04/17/14	1381.74	9.82	1371.92
BP-10A	06/02/14	1381.74	14.12	1367.62
BP-10A	09/08/14	1381.74	14.00	1367.74
BP-10A	11/17/14	1381.74	12.52	1369.22
BP-10A	04/06/15	1381.74	7.79	1373.95
BP-10A	06/22/15	1381.74	9.02	1372.72
BP-10A	09/23/15	1381.74	15.31	1366.43
BP-10A	04/11/16	1381.74	10.81	1370.93
BP-10A	06/23/16	1381.74	15.62	1366.12
BP-10A	06/23/16	1381.74	14.05	1367.69
BP-10A	09/20/16	1381.74	14.83	1366.91
BP-10A	04/24/17	1381.74	10.90	1370.84
BP-10A	06/21/17	1381.74	13.88	1367.86
BP-10A	04/19/18	1381.74	10.80	1370.94
BP-10A	06/11/18	1381.74	14.13	1367.61
BP-10A	09/24/18	1381.74	11.15	1370.59

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-10A	03/25/19	1381.74	10.30	1371.44
BP-10A	06/11/19	1381.74	14.14	1367.60
BP-10A	09/16/19	1381.74	17.18	1364.56
BP-10A	04/13/20	1381.74	13.05	1368.69
BP-10A	09/09/20	1381.74	15.50	1366.24
BP-10A	11/09/20	1381.74	13.99	1367.75
BP-10A	04/12/21	1381.74	14.01	1367.73
BP-10A	06/28/21	1381.74	14.23	1367.51
BP-10A	10/12/21	1381.74	13.97	1367.77
BP-10A	04/11/22	1381.74	10.86	1370.88
BP-10A	08/01/22	1381.74	15.19	1366.55
BP-10A	10/10/22	1381.74	13.96	1367.78
BP-10A	04/24/23	1381.74	14.13	1367.61
BP-10A	08/09/23	1381.74	13.83	1367.91
BP-10A	11/02/23	1381.74	10.99	1370.75
BP-10A	04/09/24	1381.74	11.32	1370.42
BP-10A	08/14/24	1381.74	13.65	1368.09
BP-10A	11/11/24	1381.74	15.37	1366.37
BP-10A	04/07/25	1381.74	8.60	1373.14
BP-10A	08/06/25	1381.74	14.63	1367.11
BP-11A	05/17/10	1384.80	12.84	1371.96
BP-11A	05/18/10	1384.80	12.75	1372.05
BP-11A	09/23/10	1384.80	16.10	1368.70
BP-11A	01/09/11	1384.80	12.80	1372.00
BP-11A	03/21/11	1384.80	11.72	1373.08
BP-11A	05/15/11	1384.80	12.82	1371.98
BP-11A	05/17/11	1384.80	12.85	1371.95
BP-11A	10/09/11	1384.80	12.85	1371.95
BP-11A	10/12/11	1384.80	12.81	1371.99
BP-11A	03/16/12	1384.80	12.55	1372.25
BP-11A	03/19/12	1384.80	12.78	1372.02
BP-11A	09/10/12	1384.80	12.40	1372.40
BP-11A	09/10/12	1384.80	12.40	1372.40
BP-11A	04/07/13	1384.80	12.38	1372.42
BP-11A	10/28/13	1384.80	14.65	1370.15
BP-11A	10/30/13	1384.80	14.74	1370.06
BP-11A	04/14/14	1384.80	12.19	1372.61
BP-11A	04/17/14	1384.80	11.29	1373.51
BP-11A	06/02/14	1384.80	13.02	1371.78
BP-11A	09/08/14	1384.80	13.54	1371.26
BP-11A	11/17/14	1384.80	12.15	1372.65
BP-11A	04/06/15	1384.80	10.10	1374.70
BP-11A	06/22/15	1384.80	10.66	1374.14
BP-11A	09/23/15	1384.80	15.25	1369.55
BP-11A	11/16/15	1384.80	12.69	1372.11
BP-11A	04/11/16	1384.80	11.83	1372.97
BP-11A	06/23/16	1384.80	15.04	1369.76
BP-11A	06/23/16	1384.80	14.55	1370.25
BP-11A	09/20/16	1384.80	15.02	1369.78
BP-11A	04/24/17	1384.80	12.03	1372.77
BP-11A	06/21/17	1384.80	12.50	1372.30
BP-11A	04/19/18	1384.80	11.75	1373.05
BP-11A	06/11/18	1384.80	12.97	1371.83
BP-11A	09/24/18	1384.80	12.18	1372.62
BP-11A	03/25/19	1384.80	11.77	1373.03
BP-11A	06/11/19	1384.80	12.68	1372.12
BP-11A	09/16/19	1384.80	12.90	1371.90
BP-11A	04/13/20	1384.80	12.49	1372.31
BP-11A	09/08/20	1384.80	15.09	1369.71
BP-11A	11/09/20	1384.80	12.63	1372.17
BP-11A	04/12/21	1384.80	12.70	1372.10
BP-11A	06/28/21	1384.80	14.78	1370.02
BP-11A	10/12/21	1384.80	13.22	1371.58
BP-11A	04/11/22	1384.80	12.00	1372.80
BP-11A	08/01/22	1384.80	15.35	1369.45
BP-11A	10/10/22	1384.80	12.89	1371.91
BP-11A	04/24/23	1384.80	12.95	1371.85
BP-11A	08/09/23	1384.80	12.68	1372.12
BP-11A	11/02/23	1384.80	12.13	1372.67
BP-11A	04/09/24	1384.80	12.16	1372.64
BP-11A	08/14/24	1384.80	12.60	1372.20
BP-11A	11/11/24	1384.80	15.32	1369.48
BP-11A	04/07/25	1384.80	10.35	1374.45
BP-11A	08/06/25	1384.80	15.87[†]	1368.93
BP-12A	05/17/10	1386.64	13.52	1373.12
BP-12A	05/17/10	1386.64	13.70	1372.94
BP-12A	09/23/10	1386.64	20.41	1366.23
BP-12A	11/10/10	1386.64	13.00	1373.64
BP-12A	01/09/11	1386.64	15.00	1371.64
BP-12A	01/10/11	1386.64	16.37	1370.27
BP-12A	03/21/11	1386.64	9.06	1377.58
BP-12A	03/22/11	1386.64	9.10	1377.54
BP-12A	05/15/11	1386.64	12.51	1374.13
BP-12A	05/17/11	1386.64	13.02	1373.62
BP-12A	06/20/11	1386.64	15.15	1371.49

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-12A	10/09/11	1386.64	13.48	1373.16
BP-12A	10/12/11	1386.64	13.91	1372.73
BP-12A	12/08/11	1386.64	12.15	1374.49
BP-12A	03/16/12	1386.64	14.02	1372.62
BP-12A	03/19/12	1386.64	15.02	1371.62
BP-12A	09/10/12	1386.64	12.60	1374.04
BP-12A	09/10/12	1386.64	13.00	1373.64
BP-12A	04/07/13	1386.64	12.80	1373.84
BP-12A	10/28/13	1386.64	16.50	1370.14
BP-12A	10/29/13	1386.64	16.95	1369.69
BP-12A	04/14/14	1386.64	12.60	1374.04
BP-12A	04/16/14	1386.64	10.65	1375.99
BP-12A	06/02/14	1386.64	15.91	1370.73
BP-12A	06/03/14	1386.64	15.95	1370.69
BP-12A	09/08/14	1386.64	16.70	1369.94
BP-12A	11/17/14	1386.64	12.55	1374.09
BP-12A	04/06/15	1386.64	9.40	1377.24
BP-12A	06/22/15	1386.64	10.25	1376.39
BP-12A	09/23/15	1386.64	19.05	1367.59
BP-12A	11/17/15	1386.64	13.25	1373.39
BP-12A	11/17/15	1386.64	15.41	1371.23
BP-12A	06/23/16	1386.64	16.71	1369.93
BP-12A	04/24/17	1387.39	11.74	1375.65
BP-12A	06/21/17	1386.64	14.22	1372.42
BP-12A	04/19/18	1386.64	12.09	1374.55
BP-12A	06/11/18	1386.64	15.15	1371.49
BP-12A	09/24/18	1386.64	12.09	1374.55
BP-12A	03/25/19	1386.64	13.18	1373.46
BP-12A	06/11/19	1386.64	14.93	1371.71
BP-12A	09/16/19	1386.64	18.58	1368.06
BP-12A	04/13/20	1386.64	15.05	1371.59
BP-12A	09/08/20	1386.64	>19.21	<1367.43
BP-12A	11/09/20	1386.64	15.26	1371.38
BP-12A	04/12/21	1386.64	14.27	1372.37
BP-12A	06/28/21	1386.64	16.22	1370.42
BP-12A	10/12/21	1386.64	17.09	1369.55
BP-12A	04/11/22	1386.64	12.02	1374.62
BP-12A	08/01/22	1386.64	>19.29	<1367.35
BP-12A	10/10/22	1386.64	16.56	1370.08
BP-12A	04/24/23	1386.64	15.99	1370.65
BP-12A	08/09/23	1386.64	18.77	1367.87
BP-12A	11/02/23	1386.64	13.89	1372.75
BP-12A	04/09/24	1386.64	12.95	1373.69
BP-12A	08/14/24	1386.64	13.95	1372.69
BP-12A	11/11/24	1386.64	>19.88	<1366.76
BP-12A	04/07/25	1386.64	12.95	1373.69
BP-12A	08/05/25	1386.64	19.70	1366.94
BP-12D Port 1	05/19/11	1385.37	Dry	
BP-12D Port 1	05/19/11	1385.37	155.50	1229.87
BP-12D Port 1	10/29/13	1385.37	3.00	1382.37
BP-12D Port 1	04/15/14	1388.19	2.00	1386.19
BP-12D Port 1	06/23/16	1385.37	2.57	1382.80
BP-12D Port 1	06/12/18	1388.19	Obstructed @ 2.57'	
BP-12D Port 1	06/11/19	1388.19	Obstructed @ 2.57'	
BP-12D Port 1	09/10/20	1388.19	0.53	1387.66
BP-12D Port 1	06/30/21	1388.19	3.10	1385.09
BP-12D Port 1	08/02/22	1388.19	Obstructed @ 2.57'	
BP-12D Port 1	08/09/23	1388.19	Obstructed @ 2.57'	
BP-12D Port 1	08/14/24	1388.19	Obstructed @ 2.57'	
BP-12D Port 1	08/05/25	1388.19	Obstructed @ 2.57'	
BP-12D Port 2	05/19/11	1388.19	32.40	1355.79
BP-12D Port 2	10/12/11	1388.19	32.85	1355.34
BP-12D Port 2	03/22/12	1388.19	33.43	1354.76
BP-12D Port 2	09/11/12	1388.19	32.67	1355.52
BP-12D Port 2	04/11/13	1388.19	31.58	1356.61
BP-12D Port 2	10/29/13	1385.37	33.70	1351.67
BP-12D Port 2	04/15/14	1388.19	30.70	1357.49
BP-12D Port 2	09/08/14	1388.19	33.20	1354.99
BP-12D Port 2	04/07/15	1388.19	28.30	1359.89
BP-12D Port 2	09/23/15	1388.19	33.30	1354.89
BP-12D Port 2	06/12/18	1388.19	33.71	1354.48
BP-12D Port 2	06/11/19	1388.19	32.54	1355.65
BP-12D Port 2	09/10/20	1388.19	34.05	1354.14
BP-12D Port 2	06/30/21	1388.19	33.55	1354.64
BP-12D Port 2	08/02/22	1388.19	34.89	1353.30
BP-12D Port 2	08/09/23	1388.19	32.26	1355.93
BP-12D Port 2	08/14/24	1388.19	29.95	1358.24
BP-12D Port 2	08/05/25	1388.19	33.68	1354.51
BP-12D Port 3	05/19/11	1388.19	63.43	1324.76
BP-12D Port 3	10/12/11	1388.19	120.12	1268.07
BP-12D Port 3	03/22/12	1388.19	67.08	1321.11
BP-12D Port 3	09/11/12	1388.19	73.65	1314.54
BP-12D Port 3	04/11/13	1388.19	65.80	1322.39
BP-12D Port 3	10/29/13	1385.37	70.00	1315.37
BP-12D Port 3	04/15/14	1388.19	62.70	1325.49

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-12D Port 3	09/08/14	1388.19	68.00	1320.19
BP-12D Port 3	04/07/15	1388.19	63.00	1325.19
BP-12D Port 3	09/23/15	1388.19	69.00	1319.19
BP-12D Port 3	06/12/18	1388.19	63.75	1324.44
BP-12D Port 3	06/11/19	1388.19	61.45	1326.74
BP-12D Port 3	09/10/20	1388.19	67.34	1320.85
BP-12D Port 3	06/30/21	1388.19	64.92	1323.27
BP-12D Port 3	08/02/22	1388.19	67.50	1320.69
BP-12D Port 3	08/09/23	1388.19	63.31	1324.88
BP-12D Port 3	08/14/24	1388.19	62.28	1325.91
BP-12D Port 3	08/05/25	1388.19	66.60	1321.59
BP-12D Port 4	05/19/11	1388.19	65.79	1322.40
BP-12D Port 4	10/12/11	1388.19	122.90	1265.29
BP-12D Port 4	03/22/12	1388.19	69.95	1318.24
BP-12D Port 4	09/11/12	1388.19	76.38	1311.81
BP-12D Port 4	04/11/13	1388.19	67.38	1320.81
BP-12D Port 4	10/29/13	1385.37	72.60	1312.77
BP-12D Port 4	04/15/14	1388.19	64.90	1323.29
BP-12D Port 4	09/08/14	1388.19	70.25	1317.94
BP-12D Port 4	04/07/15	1388.19	65.00	1323.19
BP-12D Port 4	09/23/15	1388.19	71.40	1316.79
BP-12D Port 4	06/12/18	1388.19	65.63	1322.56
BP-12D Port 4	06/11/19	1388.19	63.75	1324.44
BP-12D Port 4	09/10/20	1388.19	69.75	1318.44
BP-12D Port 4	06/30/21	1388.19	67.13	1321.06
BP-12D Port 4	08/02/22	1388.19	69.76	1318.43
BP-12D Port 4	08/09/23	1388.19	65.39	1322.80
BP-12D Port 4	08/14/24	1388.19	64.41	1323.78
BP-12D Port 4	08/05/25	1388.19	68.82	1319.37
BP-12D Port 5	05/19/11	1388.19	65.94	1322.25
BP-12D Port 5	10/12/11	1388.19	74.55	1313.64
BP-12D Port 5	03/22/12	1388.19	69.76	1318.43
BP-12D Port 5	09/11/12	1388.19	72.23	1315.96
BP-12D Port 5	09/11/12	1388.19	72.23	1315.96
BP-12D Port 5	04/11/13	1388.19	67.20	1320.99
BP-12D Port 5	10/29/13	1385.37	71.90	1313.47
BP-12D Port 5	04/15/14	1388.19	64.50	1323.69
BP-12D Port 5	09/08/14	1388.19	69.90	1318.29
BP-12D Port 5	04/07/15	1388.19	64.80	1323.39
BP-12D Port 5	09/23/15	1388.19	71.40	1316.79
BP-12D Port 5	06/12/18	1388.19	65.47	1322.72
BP-12D Port 5	06/11/19	1388.19	63.33	1324.86
BP-12D Port 5	09/10/20	1388.19	69.66	1318.53
BP-12D Port 5	06/30/21	1388.19	67.06	1321.13
BP-12D Port 5	08/02/22	1388.19	69.68	1318.51
BP-12D Port 5	08/09/23	1388.19	65.30	1322.89
BP-12D Port 5	08/14/24	1388.19	64.40	1323.79
BP-12D Port 5	08/05/25	1388.19	68.85	1319.34
BP-12D Port 6	05/19/11	1388.19	65.78	1322.41
BP-12D Port 6	10/12/11	1388.19	74.57	1313.62
BP-12D Port 6	03/22/12	1388.19	69.75	1318.44
BP-12D Port 6	09/11/12	1388.19	72.29	1315.90
BP-12D Port 6	04/11/13	1388.19	67.24	1320.95
BP-12D Port 6	10/29/13	1385.37	70.80	1314.57
BP-12D Port 6	04/15/14	1388.19	64.60	1323.59
BP-12D Port 6	09/08/14	1388.19	69.70	1318.49
BP-12D Port 6	04/07/15	1388.19	64.75	1323.44
BP-12D Port 6	09/23/15	1388.19	71.40	1316.79
BP-12D Port 6	06/12/18	1388.19	65.53	1322.66
BP-12D Port 6	06/11/19	1388.19	63.32	1324.87
BP-12D Port 6	09/10/20	1388.19	69.64	1318.55
BP-12D Port 6	06/30/21	1388.19	67.06	1321.13
BP-12D Port 6	08/02/22	1388.19	69.71	1318.48
BP-12D Port 6	08/09/23	1388.19	65.29	1322.90
BP-12D Port 6	08/14/24	1388.19	64.33	1323.86
BP-12D Port 6	08/05/25	1388.19	68.79	1319.40
BP-12D Port 7	05/19/11	1388.19	98.80	1289.39
BP-12D Port 7	10/12/11	1388.19	74.51	1313.68
BP-12D Port 7	03/22/12	1388.19	69.73	1318.46
BP-12D Port 7	09/11/12	1388.19	72.27	1315.92
BP-12D Port 7	04/11/13	1388.19	67.23	1320.96
BP-12D Port 7	10/29/13	1385.37	71.20	1314.17
BP-12D Port 7	04/15/14	1388.19	63.90	1324.29
BP-12D Port 7	09/08/14	1388.19	69.80	1318.39
BP-12D Port 7	04/07/15	1388.19	64.70	1323.49
BP-12D Port 7	09/23/15	1388.19	71.40	1316.79
BP-12D Port 7	06/23/16	1385.37	68.22	1317.15
BP-12D Port 7	06/12/18	1388.19	65.50	1322.69
BP-12D Port 7	06/11/19	1388.19	63.26	1324.93
BP-12D Port 7	09/10/20	1388.19	69.56	1318.63
BP-12D Port 7	06/30/21	1388.19	66.96	1321.23
BP-12D Port 7	08/02/22	1388.19	69.62	1318.57
BP-12D Port 7	08/09/23	1388.19	65.21	1322.98
BP-12D Port 7	08/14/24	1388.19	64.26	1323.93
BP-12D Port 7	08/05/25	1388.19	68.71	1319.48

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-13A	05/17/10	1398.92	12.59	1386.33
BP-13A	01/09/11	1398.92	12.70	1386.22
BP-13A	03/21/11	1398.92	9.30	1389.62
BP-13A	05/15/11	1398.92	12.56	1386.36
BP-13A	10/09/11	1398.92	12.61	1386.31
BP-13A	03/16/12	1398.92	11.84	1387.08
BP-13A	09/10/12	1398.92	13.65	1385.27
BP-13A	04/07/13	1398.92	11.39	1387.53
BP-13A	10/28/13	1398.89	14.81	1384.08
BP-13A	10/29/13	1398.89	15.40	1383.49
BP-13A	04/14/14	1398.89	11.00	1387.89
BP-13A	04/16/14	1398.89	10.53	1388.36
BP-13A	06/02/14	1398.89	14.75	1384.14
BP-13A	06/04/14	1398.89	14.54	1384.35
BP-13A	09/08/14	1398.89	16.02	1382.87
BP-13A	11/17/14	1398.89	13.55	1385.34
BP-13A	04/06/15	1398.89	9.94	1388.95
BP-13A	06/22/15	1398.89	10.49	1388.40
BP-13A	09/23/15	1398.89	18.05	1380.84
BP-13A	11/17/15	1398.89	18.15	1380.74
BP-13A	11/18/15	1398.89	18.15	1380.74
BP-13A	04/11/16	1398.89	10.15	1388.74
BP-13A	04/12/16	1398.89	10.15	1388.74
BP-13A	06/21/16	1398.89	16.14	1382.75
BP-13A	06/21/16	1398.89	14.54	1384.35
BP-13A	09/21/16	1399.17	18.37	1380.80
BP-13A	09/21/16	1399.17	18.37	1380.80
BP-13A	04/24/17	1399.17	10.38	1388.79
BP-13A	04/25/17	1399.17	10.70	1388.47
BP-13A	06/20/17	1398.89	12.90	1385.99
BP-13A	10/11/17	1398.89	18.60	1380.29
BP-13A	04/18/18	1398.89	10.61	1388.28
BP-13A	06/13/18	1398.89	12.92	1385.97
BP-13A	09/26/18	1398.89	9.06	1389.83
BP-13A	03/27/19	1398.89	10.78	1388.11
BP-13A	06/12/19	1398.89	12.17	1386.72
BP-13A	09/17/19	1398.89	15.80	1383.09
BP-13A	04/14/20	1398.89	11.82	1387.07
BP-13A	09/09/20	1398.89	17.93	1380.96
BP-13A	11/11/20	1398.89	14.88	1384.01
BP-13A	04/13/21	1398.89	11.55	1387.34
BP-13A	06/29/21	1398.89	12.96	1385.93
BP-13A	10/13/21	1398.89	12.68	1386.21
BP-13A	11/15/21	1398.89	10.25	1388.64
BP-13A	04/13/22	1398.89	10.51	1388.38
BP-13A	08/02/22	1398.89	16.68	1382.21
BP-13A	10/12/22	1398.89	13.21	1385.68
BP-13A	04/26/23	1398.89	12.50	1386.39
BP-13A	08/09/23	1398.89	14.91	1383.98
BP-13A	10/31/23	1398.89	10.39	1388.50
BP-13A	04/10/24	1398.89	10.59	1388.30
BP-13A	08/14/24	1398.89	12.90	1385.99
BP-13A	11/12/24	1398.89	17.99	1380.90
BP-13A	08/06/25	1398.89	16.68	1382.21
BP-13D Port 1	05/17/10	1397.04	22.99	1374.05
BP-13D Port 1	05/19/11	1400.09	24.78	1375.31
BP-13D Port 1	10/12/11	1400.09	54.75	1345.34
BP-13D Port 1	03/22/12	1400.09	24.60	1375.49
BP-13D Port 1	09/11/12	1400.09	>25.00	<1375.09
BP-13D Port 1	04/10/13	1400.09	23.50	1376.59
BP-13D Port 1	10/29/13	1397.04	26.25	1370.79
BP-13D Port 1	04/15/14	1400.09	22.60	1377.49
BP-13D Port 1	09/08/14	1400.09	148.80	1251.29
BP-13D Port 1	04/07/15	1400.09	28.50	1371.59
BP-13D Port 1	09/23/15	1400.09	147.10	1252.99
BP-13D Port 1	06/23/16	1397.04	89.51	1307.53
BP-13D Port 1	06/12/18	1400.09	30.03	1370.06
BP-13D Port 1	06/11/19	1400.09	33.42	1366.67
BP-13D Port 1	09/10/20	1400.09	147.45	1252.64
BP-13D Port 1	06/30/21	1400.09	32.19	1367.90
BP-13D Port 1	08/02/22	1400.09	121.89	1278.20
BP-13D Port 1	08/09/23	1400.09	28.90	1371.19
BP-13D Port 1	08/14/24	1400.09	32.05	1368.04
BP-13D Port 1	08/05/25	1400.09	127.74	1272.35
BP-13D Port 2	05/17/10	1397.04	33.01	1364.03
BP-13D Port 2	05/19/11	1400.09	33.58	1366.51
BP-13D Port 2	10/12/11	1400.09	32.93	1367.16
BP-13D Port 2	03/22/12	1400.09	33.11	1366.98
BP-13D Port 2	09/11/12	1400.09	38.59	1361.50
BP-13D Port 2	04/10/13	1400.09	32.00	1368.09
BP-13D Port 2	10/29/13	1397.04	34.35	1362.69
BP-13D Port 2	04/15/14	1400.09	30.40	1369.69
BP-13D Port 2	09/08/14	1400.09	36.30	1363.79
BP-13D Port 2	04/07/15	1400.09	29.75	1370.34
BP-13D Port 2	09/23/15	1400.09	37.20	1362.89

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-13D Port 2	06/12/18	1400.09	33.83	1366.26
BP-13D Port 2	06/11/19	1400.09	32.94	1367.15
BP-13D Port 2	09/10/20	1400.09	37.83	1362.26
BP-13D Port 2	06/30/21	1400.09	31.59	1368.50
BP-13D Port 2	08/02/22	1400.09	36.27	1363.82
BP-13D Port 2	08/09/23	1400.09	33.84	1366.25
BP-13D Port 2	08/14/24	1400.09	32.96	1367.13
BP-13D Port 2	08/05/25	1400.09	36.61	1363.48
BP-13D Port 3	05/17/10	1397.04	76.78	1320.26
BP-13D Port 3	05/19/10	1397.04	24.60	1372.44
BP-13D Port 3	05/19/11	1397.04	73.90	1323.14
BP-13D Port 3	05/19/11	1397.04	131.40	1265.64
BP-13D Port 3	10/12/11	1397.04	74.87	1322.17
BP-13D Port 3	03/22/12	1397.04	74.50	1322.54
BP-13D Port 3	09/11/12	1397.04	79.51	1317.53
BP-13D Port 3	04/10/13	1397.04	79.00	1318.04
BP-13D Port 3	10/29/13	1397.04	77.30	1319.74
BP-13D Port 3	04/15/14	1400.09	71.90	1328.19
BP-13D Port 3	09/08/14	1400.09	79.30	1320.79
BP-13D Port 3	04/07/15	1400.09	72.30	1327.79
BP-13D Port 3	09/23/15	1400.09	80.60	1319.49
BP-13D Port 3	06/12/18	1400.09	73.46	1326.63
BP-13D Port 3	06/11/19	1400.09	70.92	1329.17
BP-13D Port 3	09/10/20	1400.09	78.60	1321.49
BP-13D Port 3	06/30/21	1400.09	75.80	1324.29
BP-13D Port 3	08/02/22	1400.09	77.01	1323.08
BP-13D Port 3	08/09/23	1400.09	72.82	1327.27
BP-13D Port 3	08/14/24	1400.09	71.43	1328.66
BP-13D Port 3	08/05/25	1400.09	76.92	1323.17
BP-13D Port 4	05/17/10	1397.04	87.33	1309.71
BP-13D Port 4	05/19/11	1400.09	85.77	1314.32
BP-13D Port 4	10/12/11	1400.09	86.54	1313.55
BP-13D Port 4	03/22/12	1400.09	85.69	1314.40
BP-13D Port 4	09/11/12	1400.09	90.67	1309.42
BP-13D Port 4	04/10/13	1400.09	86.00	1314.09
BP-13D Port 4	10/29/13	1397.04	89.00	1308.04
BP-13D Port 4	04/15/14	1400.09	85.00	1315.09
BP-13D Port 4	09/08/14	1400.09	91.00	1309.09
BP-13D Port 4	04/07/15	1400.09	85.20	1314.89
BP-13D Port 4	09/23/15	1400.09	93.00	1307.09
BP-13D Port 4	06/12/18	1400.09	86.84	1313.25
BP-13D Port 4	06/11/19	1400.09	84.28	1315.81
BP-13D Port 4	09/10/20	1400.09	94.11	1305.98
BP-13D Port 4	06/30/21	1400.09	88.23	1311.86
BP-13D Port 4	08/02/22	1400.09	91.03	1309.06
BP-13D Port 4	08/09/23	1400.09	87.04	1313.05
BP-13D Port 4	08/14/24	1400.09	85.32	1314.77
BP-13D Port 4	08/05/25	1400.09	89.28	1310.81
BP-13D Port 5	05/17/10	1397.04	87.39	1309.65
BP-13D Port 5	05/19/11	1400.09	85.80	1314.29
BP-13D Port 5	10/12/11	1400.09	86.52	1313.57
BP-13D Port 5	03/22/12	1400.09	85.73	1314.36
BP-13D Port 5	09/11/12	1400.09	90.67	1309.42
BP-13D Port 5	04/10/13	1400.09	86.90	1313.19
BP-13D Port 5	10/29/13	1397.04	88.50	1308.54
BP-13D Port 5	04/15/14	1400.09	85.00	1315.09
BP-13D Port 5	09/08/14	1400.09	91.10	1308.99
BP-13D Port 5	04/07/15	1400.09	85.30	1314.79
BP-13D Port 5	09/23/15	1400.09	93.10	1306.99
BP-13D Port 5	06/23/16	1397.04	89.87	1307.17
BP-13D Port 5	06/12/18	1400.09	86.90	1313.19
BP-13D Port 5	06/11/19	1400.09	84.26	1315.83
BP-13D Port 5	09/10/20	1400.09	94.45	1305.64
BP-13D Port 5	06/30/21	1400.09	88.24	1311.85
BP-13D Port 5	08/02/22	1400.09	91.06	1309.03
BP-13D Port 5	08/09/23	1400.09	87.05	1313.04
BP-13D Port 5	08/14/24	1400.09	85.37	1314.72
BP-13D Port 5	08/05/25	1400.09	89.26	1310.83
BP-13D Port 6	05/17/10	1397.04	87.42	1309.62
BP-13D Port 6	05/19/11	1400.09	85.85	1314.24
BP-13D Port 6	10/12/11	1400.09	86.78	1313.31
BP-13D Port 6	03/22/12	1400.09	85.67	1314.42
BP-13D Port 6	09/11/12	1400.09	90.70	1309.39
BP-13D Port 6	04/10/13	1400.09	86.10	1313.99
BP-13D Port 6	10/29/13	1397.04	88.90	1308.14
BP-13D Port 6	04/15/14	1400.09	85.00	1315.09
BP-13D Port 6	09/08/14	1400.09	91.30	1308.79
BP-13D Port 6	04/07/15	1400.09	85.30	1314.79
BP-13D Port 6	09/23/15	1400.09	93.10	1306.99
BP-13D Port 6	06/12/18	1400.09	86.85	1313.24
BP-13D Port 6	06/11/19	1400.09	84.29	1315.80
BP-13D Port 6	09/10/20	1400.09	94.49	1305.60
BP-13D Port 6	06/30/21	1400.09	88.27	1311.82
BP-13D Port 6	08/02/22	1400.09	91.07	1309.02
BP-13D Port 6	08/09/23	1400.09	87.04	1313.05

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-13D Port 6	08/14/24	1400.09	85.35	1314.74
BP-13D Port 6	08/05/25	1400.09	89.27	1310.82
BP-13D Port 7	05/17/10	1397.04	87.49	1309.55
BP-13D Port 7	05/19/11	1400.09	86.00	1314.09
BP-13D Port 7	10/12/11	1400.09	86.60	1313.49
BP-13D Port 7	03/22/12	1400.09	85.89	1314.20
BP-13D Port 7	09/11/12	1400.09	90.80	1309.29
BP-13D Port 7	04/10/13	1400.09	86.10	1313.99
BP-13D Port 7	10/29/13	1397.04	88.70	1308.34
BP-13D Port 7	04/15/14	1400.09	85.00	1315.09
BP-13D Port 7	09/08/14	1400.09	91.10	1308.99
BP-13D Port 7	04/07/15	1400.09	85.15	1314.94
BP-13D Port 7	09/23/15	1400.09	93.10	1306.99
BP-13D Port 7	06/12/18	1400.09	86.88	1313.21
BP-13D Port 7	06/11/19	1400.09	84.35	1315.74
BP-13D Port 7	09/10/20	1400.09	94.52	1305.57
BP-13D Port 7	06/30/21	1400.09	88.32	1311.77
BP-13D Port 7	08/02/22	1400.09	91.12	1308.97
BP-13D Port 7	08/09/23	1400.09	87.14	1312.95
BP-13D Port 7	08/14/24	1400.09	85.44	1314.65
BP-13D Port 7	08/05/25	1400.09	89.35	1310.74
BP-14A	05/17/10	1379.46	29.00	1350.46
BP-14A	05/19/10	1379.46	29.56	1349.90
BP-14A	03/21/11	1379.46	26.37	1353.09
BP-14A	05/15/11	1379.46	29.10	1350.36
BP-14A	05/19/11	1379.46	14.90	1364.56
BP-14A	10/09/11	1379.46	29.15	1350.31
BP-14A	03/16/12	1379.46	29.19	1350.27
BP-14A	03/22/12	1379.46	29.15	1350.31
BP-14A	09/10/12	1379.46	29.48	1349.98
BP-14A	09/11/12	1379.46	29.45	1350.01
BP-14A	04/07/13	1379.46	29.19	1350.27
BP-14A	10/28/13	1379.46	29.70	1349.76
BP-14A	04/15/14	1379.46	28.44	1351.02
BP-14A	06/02/14	1379.46	29.58	1349.88
BP-14A	09/08/14	1379.46	29.76	1349.70
BP-14A	11/17/14	1379.46	26.00	1353.46
BP-14A	04/06/15	1379.46	26.00	1353.46
BP-14A	06/22/15	1379.46	27.73	1351.73
BP-14A	09/21/15	1379.46	30.26	1349.20
BP-14A	04/24/17	1379.46	27.58	1351.88
BP-14A	06/21/17	1379.46	29.42	1350.04
BP-14A	04/19/18	1379.46	28.81	1350.65
BP-14A	06/11/18	1379.46	29.58	1349.88
BP-14A	09/24/18	1379.46	26.42	1353.04
BP-14A	03/25/19	1379.46	27.66	1351.80
BP-14A	06/11/19	1379.46	27.37	1352.09
BP-14A	09/16/19	1379.46	29.80	1349.66
BP-14A	04/13/20	1379.46	29.17	1350.29
BP-14A	09/09/20	1379.46	29.78	1349.68
BP-14A	11/09/20	1379.46	29.47	1349.99
BP-14A	04/12/21	1379.46	29.43	1350.03
BP-14A	06/28/21	1379.46	29.67	1349.79
BP-14A	10/12/21	1379.46	29.48	1349.98
BP-14A	04/11/22	1379.46	27.50	1351.96
BP-14A	08/01/22	1379.46	29.86	1349.60
BP-14A	10/10/22	1379.46	29.36	1350.10
BP-14A	04/24/23	1379.46	29.58	1349.88
BP-14A	08/09/23	1379.46	29.03	1350.43
BP-14A	11/02/23	1379.46	27.93	1351.53
BP-14A	04/09/24	1379.46	28.51	1350.95
BP-14A	08/14/24	1379.46	28.14	1351.32
BP-14A	11/11/24	1379.46	29.83	1349.63
BP-14A	04/07/25	1379.46	27.49	1351.97
BP-14A	08/05/25	1379.46	29.87	1349.59
BP-14D Port 1	05/19/10	1378.07	51.00	1327.07
BP-14D Port 1	05/19/11	1378.07	49.97	1328.10
BP-14D Port 1	05/19/11	1378.07	155.20	1222.87
BP-14D Port 1	10/12/11	1378.07	50.44	1327.63
BP-14D Port 1	03/22/12	1378.07	52.48	1325.59
BP-14D Port 1	09/11/12	1378.07	57.84	1320.23
BP-14D Port 1	04/10/13	1378.07	44.00	1334.07
BP-14D Port 1	10/29/13	1378.07	53.10	1324.97
BP-14D Port 1	04/15/14	1378.07	45.80	1332.27
BP-14D Port 1	09/08/14	1378.07	54.40	1323.67
BP-14D Port 1	04/07/15	1378.07	48.90	1329.17
BP-14D Port 1	09/23/15	1378.07	81.70	1296.37
BP-14D Port 1	06/23/16	1378.07	142.50	1235.57
BP-14D Port 1	06/12/18	1378.07	56.45	1321.62
BP-14D Port 1	06/11/19	1378.07	51.55	1326.52
BP-14D Port 1	09/10/20	1378.07	102.94	1275.13
BP-14D Port 1	06/30/21	1378.07	70.71	1307.36
BP-14D Port 1	08/02/22	1378.07	84.76	1293.31
BP-14D Port 1	08/09/23	1378.07	50.31	1327.76
BP-14D Port 1	08/14/24	1378.07	44.35	1333.72

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-14D Port 1	08/05/25	1378.07	119.71	1258.36
BP-14D Port 2	05/19/11	1378.07	61.13	1316.94
BP-14D Port 2	10/12/11	1378.07	62.82	1315.25
BP-14D Port 2	03/22/12	1378.07	60.70	1317.37
BP-14D Port 2	09/11/12	1378.07	67.85	1310.22
BP-14D Port 2	04/10/13	1378.07	60.40	1317.67
BP-14D Port 2	10/29/13	1378.07	63.80	1314.27
BP-14D Port 2	04/15/14	1378.07	57.00	1321.07
BP-14D Port 2	09/08/14	1378.07	66.80	1311.27
BP-14D Port 2	04/07/15	1378.07	67.10	1310.97
BP-14D Port 2	09/23/15	1378.07	68.60	1309.47
BP-14D Port 2	06/12/18	1378.07	62.47	1315.60
BP-14D Port 2	06/11/19	1378.07	57.02	1321.05
BP-14D Port 2	09/10/20	1378.07	68.37	1309.70
BP-14D Port 2	06/30/21	1378.07	64.38	1313.69
BP-14D Port 2	08/02/22	1378.07	66.13	1311.94
BP-14D Port 2	08/09/23	1378.07	62.13	1315.94
BP-14D Port 2	08/14/24	1378.07	57.44	1320.63
BP-14D Port 2	08/05/25	1378.07	64.85	1313.22
BP-14D Port 3	05/19/11	1378.07	67.78	1310.29
BP-14D Port 3	10/12/11	1378.07	68.05	1310.02
BP-14D Port 3	03/22/12	1378.07	67.90	1310.17
BP-14D Port 3	09/11/12	1378.07	67.14	1310.93
BP-14D Port 3	04/10/13	1378.07	68.00	1310.07
BP-14D Port 3	10/29/13	1378.07	70.50	1307.57
BP-14D Port 3	04/15/14	1378.07	67.00	1311.07
BP-14D Port 3	09/08/14	1378.07	72.80	1305.27
BP-14D Port 3	04/07/15	1378.07	62.10	1315.97
BP-14D Port 3	09/23/15	1378.07	75.00	1303.07
BP-14D Port 3	06/12/18	1378.07	69.09	1308.98
BP-14D Port 3	06/11/19	1378.07	66.82	1311.25
BP-14D Port 3	09/10/20	1378.07	76.49	1301.58
BP-14D Port 3	06/30/21	1378.07	70.43	1307.64
BP-14D Port 3	08/02/22	1378.07	73.14	1304.93
BP-14D Port 3	08/09/23	1378.07	69.59	1308.48
BP-14D Port 3	08/14/24	1378.07	68.10	1309.97
BP-14D Port 3	08/05/25	1378.07	71.80	1306.27
BP-14D Port 4	05/19/11	1378.07	67.67	1310.40
BP-14D Port 4	10/12/11	1378.07	68.04	1310.03
BP-14D Port 4	03/22/12	1378.07	67.85	1310.22
BP-14D Port 4	09/11/12	1378.07	72.36	1305.71
BP-14D Port 4	04/10/13	1378.07	67.90	1310.17
BP-14D Port 4	10/29/13	1378.07	70.40	1307.67
BP-14D Port 4	04/15/14	1378.07	67.00	1311.07
BP-14D Port 4	09/08/14	1378.07	72.80	1305.27
BP-14D Port 4	04/07/15	1378.07	67.10	1310.97
BP-14D Port 4	09/23/15	1378.07	75.00	1303.07
BP-14D Port 4	06/12/18	1378.07	69.01	1309.06
BP-14D Port 4	06/11/19	1378.07	66.88	1311.19
BP-14D Port 4	09/10/20	1378.07	76.42	1301.65
BP-14D Port 4	06/30/21	1378.07	70.40	1307.67
BP-14D Port 4	08/02/22	1378.07	73.15	1304.92
BP-14D Port 4	08/09/23	1378.07	69.54	1308.53
BP-14D Port 4	08/14/24	1378.07	68.06	1310.01
BP-14D Port 4	08/05/25	1378.07	71.75	1306.32
BP-14D Port 5	05/19/11	1378.07	67.76	1310.31
BP-14D Port 5	10/12/11	1378.07	68.15	1309.92
BP-14D Port 5	03/22/12	1378.07	67.93	1310.14
BP-14D Port 5	09/11/12	1378.07	72.44	1305.63
BP-14D Port 5	04/10/13	1378.07	67.95	1310.12
BP-14D Port 5	10/29/13	1378.07	70.20	1307.87
BP-14D Port 5	04/15/14	1378.07	67.00	1311.07
BP-14D Port 5	09/08/14	1378.07	72.80	1305.27
BP-14D Port 5	04/07/15	1378.07	67.10	1310.97
BP-14D Port 5	09/23/15	1378.07	74.90	1303.17
BP-14D Port 5	06/23/16	1378.07	71.54	1306.53
BP-14D Port 5	06/12/18	1378.07	69.11	1308.96
BP-14D Port 5	06/11/19	1378.07	66.89	1311.18
BP-14D Port 5	09/10/20	1378.07	76.25	1301.82
BP-14D Port 5	06/30/21	1378.07	70.44	1307.63
BP-14D Port 5	08/02/22	1378.07	73.06	1305.01
BP-14D Port 5	08/09/23	1378.07	69.65	1308.42
BP-14D Port 5	08/14/24	1378.07	68.14	1309.93
BP-14D Port 5	08/05/25	1378.07	71.83	1306.24
BP-14D Port 6	05/19/11	1378.07	67.72	1310.35
BP-14D Port 6	10/12/11	1378.07	81.38	1296.69
BP-14D Port 6	03/22/12	1378.07	67.89	1310.18
BP-14D Port 6	09/11/12	1378.07	72.52	1305.55
BP-14D Port 6	04/10/13	1378.07	67.95	1310.12
BP-14D Port 6	10/29/13	1378.07	70.00	1308.07
BP-14D Port 6	04/15/14	1378.07	67.00	1311.07
BP-14D Port 6	09/08/14	1378.07	72.80	1305.27
BP-14D Port 6	04/07/15	1378.07	67.00	1311.07
BP-14D Port 6	09/23/15	1378.07	74.70	1303.37
BP-14D Port 6	06/12/18	1378.07	69.11	1308.96

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-14D Port 6	06/11/19	1378.07	66.80	1311.27
BP-14D Port 6	09/10/20	1378.07	76.37	1301.70
BP-14D Port 6	06/30/21	1378.07	70.40	1307.67
BP-14D Port 6	08/02/22	1378.07	73.15	1304.92
BP-14D Port 6	08/09/23	1378.07	69.63	1308.44
BP-14D Port 6	08/14/24	1378.07	68.03	1310.04
BP-14D Port 6	08/05/25	1378.07	71.80	1306.27
BP-15A	05/17/10	1388.36	16.20	1372.16
BP-15A	01/09/11	1388.36	16.90	1371.46
BP-15A	03/21/11	1388.36	15.19	1373.17
BP-15A	05/15/11	1388.36	>16.70	<1371.66
BP-15A	10/09/11	1388.36	>16.68	<1371.68
BP-15A	03/16/12	1388.36	16.50	1371.86
BP-15A	09/10/12	1388.36	>16.68	<1371.68
BP-15A	04/07/13	1388.36	15.74	1372.62
BP-15A	10/28/13	1388.32	16.88	1371.44
BP-15A	04/14/14	1388.32	15.82	1372.50
BP-15A	04/17/14	1388.32	15.71	1372.61
BP-15A	06/02/14	1388.32	16.68	1371.64
BP-15A	09/08/14	1388.32	16.95	1371.37
BP-15A	11/17/14	1388.32	16.90	1371.42
BP-15A	04/06/15	1388.32	15.24	1373.08
BP-15A	06/22/15	1388.32	16.31	1372.01
BP-15A	09/21/15	1388.32	16.86	1371.46
BP-15A	04/11/16	1388.32	15.12	1373.20
BP-15A	04/24/17	1388.51	15.37	1373.14
BP-15A	06/19/17	1388.32	16.95	1371.37
BP-15A	04/19/18	1388.32	15.00	1373.32
BP-15A	06/11/18	1388.32	>16.91	<1371.41
BP-15A	09/24/18	1388.32	15.96	1372.36
BP-15A	03/25/19	1388.32	16.72	1371.60
BP-15A	06/11/19	1388.32	>16.92	<1371.40
BP-15A	09/16/19	1388.32	Dry	
BP-15A	04/13/20	1388.32	16.44	1371.88
BP-15A	09/09/20	1388.32	>16.92	<1371.40
BP-15A	11/09/20	1388.32	Dry	
BP-15A	04/12/21	1388.32	16.24	1372.08
BP-15A	06/28/21	1388.32	>16.94	<1371.38
BP-15A	10/12/21	1388.32	Dry	
BP-15A	04/11/22	1388.32	15.59	1372.73
BP-15A	08/01/22	1388.32	>16.97	<1371.35
BP-15A	10/10/22	1388.32	Dry	
BP-15A	04/24/23	1388.32	16.55	1371.77
BP-15A	08/09/23	1388.32	Dry	
BP-15A	11/02/23	1388.32	15.69	1372.63
BP-15A	04/09/24	1388.32	15.35	1372.97
BP-15A	08/14/24	1388.32	15.54	1372.78
BP-15A	11/11/24	1388.32	Dry	
BP-15A	04/07/25	1388.32	12.90	1375.42
BP-15A	08/05/25	1388.32	Dry	
BP-15D Port 1	05/20/10	1388.40	138.50	1249.90
BP-15D Port 1	05/19/11	1386.35	103.00	1283.35
BP-15D Port 1	05/19/11	1386.35	151.00	1235.35
BP-15D Port 1	10/12/11	1386.35	145.30	1241.05
BP-15D Port 1	03/22/12	1386.35	126.88	1259.47
BP-15D Port 1	09/11/12	1386.35	>23.00	<1363.35
BP-15D Port 1	04/10/13	1386.35	142.80	1243.55
BP-15D Port 1	04/15/14	1388.36	141.60	1246.76
BP-15D Port 1	09/08/14	1388.36	172.20	1216.16
BP-15D Port 1	04/07/15	1388.36	18.70	1369.66
BP-15D Port 1	09/23/15	1388.36	28.57	1359.79
BP-15D Port 1	06/12/18	1388.36	Dry	
BP-15D Port 1	06/11/19	1388.36	Dry	
BP-15D Port 1	09/10/20	1388.36	Dry	
BP-15D Port 1	06/30/21	1388.36	Dry	
BP-15D Port 1	08/02/22	1388.36	Dry	
BP-15D Port 1	08/09/23	1388.36	Dry	
BP-15D Port 1	08/14/24	1388.36	Dry	
BP-15D Port 1	08/05/25	1388.36	Dry	
BP-15D Port 2	05/19/11	1386.35	27.95	1358.40
BP-15D Port 2	10/12/11	1386.35	>50.00	<1336.35
BP-15D Port 2	03/22/12	1386.35	27.58	1358.77
BP-15D Port 2	09/11/12	1386.35	30.81	1355.54
BP-15D Port 2	04/10/13	1386.35	26.60	1359.75
BP-15D Port 2	04/15/14	1388.36	25.50	1362.86
BP-15D Port 2	09/08/14	1388.36	34.70	1353.66
BP-15D Port 2	04/07/15	1388.36	27.61	1360.75
BP-15D Port 2	09/23/15	1388.36	43.00	1345.36
BP-15D Port 2	06/12/18	1388.36	50.55	1337.81
BP-15D Port 2	06/11/19	1388.36	66.70	1321.66
BP-15D Port 2	09/10/20	1388.36	51.21	1337.15
BP-15D Port 2	06/30/21	1388.36	78.45	1309.91
BP-15D Port 2	08/02/22	1388.36	97.95	1290.41
BP-15D Port 2	08/09/23	1388.36	103.42	1284.94
BP-15D Port 2	08/14/24	1388.36	33.54	1354.82

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-15D Port 2	08/05/25	1388.36	Kink in tubing @ 50'	
BP-15D Port 3	05/19/11	1386.35	37.85	1348.50
BP-15D Port 3	10/12/11	1386.35	42.12	1344.23
BP-15D Port 3	03/22/12	1386.35	37.95	1348.40
BP-15D Port 3	09/11/12	1386.35	38.78	1347.57
BP-15D Port 3	04/10/13	1386.35	36.30	1350.05
BP-15D Port 3	10/29/13	1386.35	40.50	1345.85
BP-15D Port 3	04/15/14	1388.36	34.30	1354.06
BP-15D Port 3	09/08/14	1388.36	40.60	1347.76
BP-15D Port 3	04/07/15	1388.36	30.50	1357.86
BP-15D Port 3	09/23/15	1388.36	39.80	1348.56
BP-15D Port 3	06/12/18	1388.36	36.97	1351.39
BP-15D Port 3	06/11/19	1388.36	35.12	1353.24
BP-15D Port 3	09/10/20	1388.36	39.08	1349.28
BP-15D Port 3	06/30/21	1388.36	38.36	1350.00
BP-15D Port 3	08/02/22	1388.36	39.42	1348.94
BP-15D Port 3	08/09/23	1388.36	34.34	1354.02
BP-15D Port 3	08/14/24	1388.36	32.98	1355.38
BP-15D Port 3	08/05/25	1388.36	38.87	1349.49
BP-15D Port 4	05/17/10	1388.40	37.83	1350.57
BP-15D Port 4	05/19/11	1386.35	43.86	1342.49
BP-15D Port 4	10/12/11	1386.35	>50.00	<1336.35
BP-15D Port 4	03/22/12	1386.35	44.27	1342.08
BP-15D Port 4	09/11/12	1386.35	43.97	1342.38
BP-15D Port 4	04/10/13	1386.35	41.30	1345.05
BP-15D Port 4	10/29/13	1386.35	45.60	1340.75
BP-15D Port 4	04/15/14	1388.36	37.90	1350.46
BP-15D Port 4	09/08/14	1388.36	45.70	1342.66
BP-15D Port 4	04/07/15	1388.36	32.50	1355.86
BP-15D Port 4	09/23/15	1388.36	42.90	1345.46
BP-15D Port 4	06/12/18	1388.36	37.70	1350.66
BP-15D Port 4	06/11/19	1388.36	35.50	1352.86
BP-15D Port 4	09/10/20	1388.36	39.19	1349.17
BP-15D Port 4	06/30/21	1388.36	38.90	1349.46
BP-15D Port 4	08/02/22	1388.36	40.26	1348.10
BP-15D Port 4	08/09/23	1388.36	34.26	1354.10
BP-15D Port 4	08/14/24	1388.36	32.90	1355.46
BP-15D Port 4	08/05/25	1388.36	40.10	1348.26
BP-15D Port 5	05/19/11	1386.35	72.86	1313.49
BP-15D Port 5	10/12/11	1386.35	76.20	1310.15
BP-15D Port 5	03/22/12	1386.35	72.05	1314.30
BP-15D Port 5	09/11/12	1386.35	76.60	1309.75
BP-15D Port 5	04/10/13	1386.35	>72.40	<1313.95
BP-15D Port 5	10/29/13	1386.35	75.20	1311.15
BP-15D Port 5	04/15/14	1388.36	70.65	1317.71
BP-15D Port 5	04/07/15	1388.36	70.30	1318.06
BP-15D Port 5	09/23/15	1388.36	78.50	1309.86
BP-15D Port 5	06/23/16	1386.35	76.63	1309.72
BP-15D Port 5	06/12/18	1388.36	72.73	1315.63
BP-15D Port 5	06/11/19	1388.36	70.01	1318.35
BP-15D Port 5	09/10/20	1388.36	80.06	1308.30
BP-15D Port 5	06/30/21	1388.36	74.47	1313.89
BP-15D Port 5	08/02/22	1388.36	77.13	1311.23
BP-15D Port 5	08/09/23	1388.36	71.54	1316.82
BP-15D Port 5	08/14/24	1388.36	69.82	1318.54
BP-15D Port 5	08/05/25	1388.36	Obstruction at 71.35'	
BP-15D Port 6	05/19/11	1386.35	74.18	1312.17
BP-15D Port 6	10/12/11	1386.35	74.95	1311.40
BP-15D Port 6	03/22/12	1386.35	74.00	1312.35
BP-15D Port 6	09/11/12	1386.35	78.87	1307.48
BP-15D Port 6	04/10/13	1386.35	74.50	1311.85
BP-15D Port 6	10/29/13	1386.35	76.50	1309.85
BP-15D Port 6	04/15/14	1388.36	73.10	1315.26
BP-15D Port 6	09/08/14	1388.36	79.50	1308.86
BP-15D Port 6	04/07/15	1388.36	73.30	1315.06
BP-15D Port 6	09/23/15	1388.36	81.20	1307.16
BP-15D Port 6	06/12/18	1388.36	75.15	1313.21
BP-15D Port 6	06/11/19	1388.36	72.51	1315.85
BP-15D Port 6	09/10/20	1388.36	82.65	1305.71
BP-15D Port 6	06/30/21	1388.36	76.56	1311.80
BP-15D Port 6	08/02/22	1388.36	79.32	1309.04
BP-15D Port 6	08/09/23	1388.36	75.25	1313.11
BP-15D Port 6	08/14/24	1388.36	73.52	1314.84
BP-15D Port 6	08/05/25	1388.36	77.62	1310.74
BP-15D Port 7	05/19/11	1386.35	75.39	1310.96
BP-15D Port 7	10/12/11	1386.35	76.50	1309.85
BP-15D Port 7	03/22/12	1386.35	75.36	1310.99
BP-15D Port 7	09/11/12	1386.35	80.19	1306.16
BP-15D Port 7	04/10/13	1386.35	75.60	1310.75
BP-15D Port 7	10/29/13	1386.35	78.20	1308.15
BP-15D Port 7	04/15/14	1388.36	74.40	1313.96
BP-15D Port 7	09/08/14	1388.36	50.90	1337.46
BP-15D Port 7	04/07/15	1388.36	64.70	1323.66
BP-15D Port 7	09/23/15	1388.36	82.40	1305.96
BP-15D Port 7	06/12/18	1388.36	76.32	1312.04

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-15D Port 7	06/11/19	1388.36	73.83	1314.53
BP-15D Port 7	09/10/20	1388.36	83.61	1304.75
BP-15D Port 7	06/30/21	1388.36	77.92	1310.44
BP-15D Port 7	08/02/22	1388.36	80.72	1307.64
BP-15D Port 7	08/09/23	1388.36	76.89	1311.47
BP-15D Port 7	08/14/24	1388.36	75.21	1313.15
BP-15D Port 7	08/05/25	1388.36	79.12	1309.24
BP-16A	05/17/10	1389.68	10.81	1378.87
BP-16A	05/17/10	1389.68	11.18	1378.50
BP-16A	01/09/11	1389.68	10.75	1378.93
BP-16A	03/21/11	1389.68	9.01	1380.67
BP-16A	05/15/11	1389.68	11.08	1378.60
BP-16A	05/17/11	1389.68	12.45	1377.23
BP-16A	10/09/11	1389.68	10.75	1378.93
BP-16A	10/10/11	1389.68	10.75	1378.93
BP-16A	03/16/12	1389.68	10.67	1379.01
BP-16A	03/19/12	1389.68	10.80	1378.88
BP-16A	09/10/12	1389.68	13.65	1376.03
BP-16A	09/11/12	1389.68	13.85	1375.83
BP-16A	04/07/13	1389.68	10.34	1379.34
BP-16A	10/28/13	1389.69	15.45	1374.24
BP-16A	04/14/14	1389.69	9.86	1379.83
BP-16A	04/17/14	1389.69	9.34	1380.35
BP-16A	06/02/14	1389.69	13.90	1375.79
BP-16A	09/08/14	1389.69	13.72	1375.97
BP-16A	11/17/14	1389.69	10.55	1379.14
BP-16A	04/06/15	1389.69	6.81	1382.88
BP-16A	06/22/15	1389.69	9.30	1380.39
BP-16A	09/21/15	1389.69	15.88	1373.81
BP-16A	11/16/15	1389.69	11.91	1377.78
BP-16A	04/11/16	1389.69	9.89	1379.80
BP-16A	06/23/16	1389.69	15.88	1373.81
BP-16A	04/24/17	1389.99	9.72	1380.27
BP-16A	06/21/17	1389.69	10.72	1378.97
BP-16A	04/19/18	1389.69	9.98	1379.71
BP-16A	06/11/18	1389.69	13.93	1375.76
BP-16A	09/24/18	1389.69	10.09	1379.60
BP-16A	03/25/19	1389.69	10.03	1379.66
BP-16A	06/11/19	1389.69	13.37	1376.32
BP-16A	09/16/19	1389.69	15.69	1374.00
BP-16A	04/13/20	1389.69	10.68	1379.01
BP-16A	09/09/20	1389.69	>16.12	<1373.57
BP-16A	11/09/20	1389.69	12.97	1376.72
BP-16A	04/12/21	1389.69	10.92	1378.77
BP-16A	06/28/21	1389.69	14.03	1375.66
BP-16A	10/12/21	1389.69	13.13	1376.56
BP-16A	04/11/22	1389.69	9.50	1380.19
BP-16A	08/01/22	1389.69	>14.50	<1375.19
BP-16A	10/10/22	1389.69	12.37	1377.32
BP-16A	04/24/23	1389.69	14.11	1375.58
BP-16A	08/09/23	1389.69	10.58	1379.11
BP-16A	11/02/23	1389.69	10.34	1379.35
BP-16A	04/09/24	1389.69	10.08	1379.61
BP-16A	08/14/24	1389.69	10.53	1379.16
BP-16A	11/11/24	1389.69	Dry	
BP-16A	04/07/25	1389.69	8.87	1380.82
BP-16A	08/06/25	1389.69	Dry	
BP-17A	05/17/10	1376.30	10.98	1365.32
BP-17A	05/20/10	1376.30	11.29	1365.01
BP-17A	11/11/10	1376.30	10.20	1366.10
BP-17A	01/09/11	1376.30	11.55	1364.75
BP-17A	03/21/11	1376.30	7.76	1368.54
BP-17A	05/15/11	1376.30	10.98	1365.32
BP-17A	05/17/11	1376.30	10.66	1365.64
BP-17A	10/09/11	1376.30	10.78	1365.52
BP-17A	10/12/11	1376.30	11.34	1364.96
BP-17A	03/16/12	1376.30	9.77	1366.53
BP-17A	03/19/12	1376.30	10.71	1365.59
BP-17A	09/10/12	1376.30	13.55	1362.75
BP-17A	09/12/12	1376.30	13.80	1362.50
BP-17A	04/07/13	1376.30	8.84	1367.46
BP-17A	10/28/13	1376.30	12.93	1363.37
BP-17A	10/30/13	1376.30	13.08	1363.22
BP-17A	04/14/14	1376.30	8.45	1367.85
BP-17A	04/17/14	1376.30	8.35	1367.95
BP-17A	06/02/14	1376.30	12.55	1363.75
BP-17A	09/08/14	1376.30	13.42	1362.88
BP-17A	11/17/14	1376.30	13.16	1363.14
BP-17A	04/06/15	1376.30	8.08	1368.22
BP-17A	06/22/15	1376.30	9.59	1366.71
BP-17A	09/23/15	1376.30	13.61	1362.69
BP-17A	11/16/15	1376.30	13.10	1363.20
BP-17A	06/23/16	1376.30	14.12	1362.18
BP-17A	06/23/16	1376.30	13.24	1363.06
BP-17A	09/20/16	1376.72	13.47	1363.25

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-17A	04/24/17	1376.72	9.48	1367.24
BP-17A	06/21/17	1376.30	12.70	1363.60
BP-17A	04/19/18	1376.30	9.30	1367.00
BP-17A	06/11/18	1376.30	13.08	1363.22
BP-17A	09/24/18	1376.30	9.52	1366.78
BP-17A	03/25/19	1376.30	9.41	1366.89
BP-17A	06/11/19	1376.30	12.65	1363.65
BP-17A	09/16/19	1376.30	13.49	1362.81
BP-17A	04/13/20	1376.30	10.96	1365.34
BP-17A	09/08/20	1376.30	13.64	1362.66
BP-17A	11/09/20	1376.30	13.24	1363.06
BP-17A	04/12/21	1376.30	11.20	1365.10
BP-17A	06/28/21	1376.30	13.49	1362.81
BP-17A	10/12/21	1376.30	12.78	1363.52
BP-17A	04/11/22	1376.30	9.01	1367.29
BP-17A	08/01/22	1376.30	13.98	1362.32
BP-17A	10/10/22	1376.30	12.51	1363.79
BP-17A	04/24/23	1376.30	11.73	1364.57
BP-17A	08/09/23	1376.30	12.92	1363.38
BP-17A	11/02/23	1376.30	10.60	1365.70
BP-17A	04/09/24	1376.30	9.62	1366.68
BP-17A	08/14/24	1376.30	11.37	1364.93
BP-17A	11/11/24	1376.30	14.65	1361.65
BP-17A	04/07/25	1376.30	9.49	1366.81
BP-17A	08/06/25	1376.30	14.51	1361.79
BP-18A	05/17/10	1386.45	14.20	1372.25
BP-18A	09/20/10	1386.45	18.37	1368.08
BP-18A	01/09/11	1386.45	15.74	1370.71
BP-18A	03/21/11	1386.45	12.51	1373.94
BP-18A	05/15/11	1386.45	15.18	1371.27
BP-18A	05/17/11	1386.45	14.97	1371.48
BP-18A	10/09/11	1386.45	14.86	1371.59
BP-18A	10/12/11	1386.45	15.10	1371.35
BP-18A	03/16/12	1386.45	15.52	1370.93
BP-18A	03/20/12	1386.45	16.09	1370.36
BP-18A	09/10/12	1386.45	17.79	1368.66
BP-18A	09/11/12	1386.45	17.70	1368.75
BP-18A	04/07/13	1386.45	15.00	1371.45
BP-18A	10/28/13	1386.54	16.98	1369.56
BP-18A	10/30/13	1386.54	17.02	1369.52
BP-18A	04/14/14	1386.54	14.50	1372.04
BP-18A	04/15/14	1386.54	14.33	1372.21
BP-18A	06/02/14	1386.54	16.60	1369.94
BP-18A	06/03/14	1386.54	16.59	1369.95
BP-18A	09/08/14	1386.54	17.98	1368.56
BP-18A	11/17/14	1386.54	18.09	1368.45
BP-18A	04/06/15	1386.54	12.73	1373.81
BP-18A	06/22/15	1386.54	12.83	1373.71
BP-18A	09/22/15	1386.54	18.24	1368.30
BP-18A	11/17/15	1386.54	18.39	1368.15
BP-18A	11/17/15	1386.54	18.71	1367.83
BP-18A	04/11/16	1386.54	13.24	1373.30
BP-18A	06/23/16	1386.54	16.81	1369.73
BP-18A	04/24/17	1386.70	13.32	1373.38
BP-18A	06/21/17	1386.54	14.94	1371.60
BP-18A	04/19/18	1386.54	13.91	1372.63
BP-18A	06/11/18	1386.54	16.15	1370.39
BP-18A	09/24/18	1386.54	13.42	1373.12
BP-18A	03/25/19	1386.54	14.15	1372.39
BP-18A	06/11/19	1386.54	15.70	1370.84
BP-18A	09/16/19	1386.54	17.40	1369.14
BP-18A	04/13/20	1386.54	15.08	1371.46
BP-18A	09/09/20	1386.54	18.14	1368.40
BP-18A	11/09/20	1386.54	17.46	1369.08
BP-18A	04/12/21	1386.54	14.98	1371.56
BP-18A	06/28/21	1386.54	16.51	1370.03
BP-18A	10/12/21	1386.54	15.83	1370.71
BP-18A	04/11/22	1386.54	13.99	1372.55
BP-18A	08/01/22	1386.54	17.94	1368.60
BP-18A	10/10/22	1386.54	16.43	1370.11
BP-18A	04/24/23	1386.54	15.92	1370.62
BP-18A	08/09/23	1386.54	14.95	1371.59
BP-18A	11/02/23	1386.54	14.85	1371.69
BP-18A	04/09/24	1386.54	14.52	1372.02
BP-18A	08/14/24	1386.54	15.89	1370.65
BP-18A	11/11/24	1386.54	18.01	1368.53
BP-18A	04/07/25	1386.54	12.90	1373.64
BP-18A	08/05/25	1386.54	17.51	1369.03
BP-19A	05/17/10	1309.40	20.68	1288.72
BP-19A	05/19/10	1309.40	20.70	1288.70
BP-19A	09/24/10	1309.40	22.03	1287.37
BP-19A	03/21/11	1309.40	18.97	1290.43
BP-19A	05/15/11	1309.40	20.61	1288.79
BP-19A	05/18/11	1309.40	20.72	1288.68
BP-19A	10/09/11	1309.40	20.60	1288.80

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-19A	10/11/11	1309.40	20.80	1288.60
BP-19A	03/16/12	1309.40	20.60	1288.80
BP-19A	03/22/12	1309.40	20.80	1288.60
BP-19A	09/10/12	1309.40	21.92	1287.48
BP-19A	09/13/12	1309.40	21.95	1287.45
BP-19A	04/08/13	1309.40	20.65	1288.75
BP-19A	10/28/13	1309.40	21.73	1287.67
BP-19A	10/28/13	1309.40	21.75	1287.65
BP-19A	04/14/14	1309.40	20.35	1289.05
BP-19A	04/14/14	1309.40	20.35	1289.05
BP-19A	06/02/14	1309.40	21.12	1288.28
BP-19A	09/08/14	1309.40	21.80	1287.60
BP-19A	04/06/15	1309.40	18.33	1291.07
BP-19A	09/21/15	1309.40	21.82	1287.58
BP-19A	06/22/16	1309.40	21.32	1288.08
BP-19A	04/24/17	1309.40	19.23	1290.17
BP-19A	06/21/17	1309.40	11.95	1297.45
BP-19A	04/19/18	1309.40	20.45	1288.95
BP-19A	06/11/18	1309.40	21.27	1288.13
BP-19A	09/24/18	1309.40	19.38	1290.02
BP-19A	03/25/19	1309.40	20.13	1289.27
BP-19A	06/12/19	1309.40	21.03	1288.37
BP-19A	09/16/19	1309.40	21.26	1288.14
BP-19A	04/13/20	1309.40	20.69	1288.71
BP-19A	09/08/20	1309.40	21.65	1287.75
BP-19A	11/09/20	1309.40	21.69	1287.71
BP-19A	04/12/21	1309.40	11.85	1297.55
BP-19A	06/28/21	1309.40	21.47	1287.93
BP-19A	10/12/21	1309.40	21.22	1288.18
BP-19A	04/11/22	1309.40	19.39	1290.01
BP-19A	08/01/22	1309.40	22.54	1286.86
BP-19A	10/10/22	1309.40	21.89	1287.51
BP-19A	04/24/23	1309.40	21.13	1288.27
BP-19A	08/09/23	1309.40	21.39	1288.01
BP-19A	11/02/23	1309.40	20.70	1288.70
BP-19A	04/09/24	1309.40	20.16	1289.24
BP-19A	08/14/24	1309.40	20.42	1288.98
BP-19A	11/11/24	1309.40	21.80	1287.60
BP-19A	04/07/25	1309.40	19.05	1290.35
BP-19A	08/06/25	1309.40	21.59	1287.81
BP-20	05/17/10	1274.27	10.22	1264.05
BP-20	05/19/10	1274.27	10.15	1264.12
BP-20	09/23/10	1274.27	14.08	1260.19
BP-20	03/21/11	1274.27	10.30	1263.97
BP-20	05/15/11	1274.27	10.30	1263.97
BP-20	05/18/11	1274.27	10.38	1263.89
BP-20	10/09/11	1274.27	10.55	1263.72
BP-20	10/11/11	1274.27	10.50	1263.77
BP-20	03/16/12	1274.27	10.52	1263.75
BP-20	03/22/12	1274.27	6.52	1267.75
BP-20	09/10/12	1274.27	12.69	1261.58
BP-20	09/13/12	1274.27	12.62	1261.65
BP-20	04/08/13	1274.27	10.59	1263.68
BP-20	10/28/13	1274.27	12.35	1261.92
BP-20	10/28/13	1274.27	14.11	1260.16
BP-20	04/14/14	1274.27	10.54	1263.73
BP-20	04/14/14	1274.27	10.54	1263.73
BP-20	06/02/14	1274.27	11.30	1262.97
BP-20	09/08/14	1274.27	13.30	1260.97
BP-20	04/07/15	1274.27	11.13	1263.14
BP-20	09/21/15	1274.27	14.12	1260.15
BP-20A	05/17/10	1274.60	5.75	1268.85
BP-20A	05/19/10	1274.60	5.95	1268.65
BP-20A	09/23/10	1274.60	10.32	1264.28
BP-20A	03/21/11	1274.60	5.37	1269.23
BP-20A	05/15/11	1274.60	5.47	1269.13
BP-20A	05/18/11	1274.60	5.57	1269.03
BP-20A	06/21/11	1274.60	8.27	1266.33
BP-20A	10/09/11	1274.60	5.22	1269.38
BP-20A	10/11/11	1274.60	5.25	1269.35
BP-20A	03/16/12	1274.60	5.47	1269.13
BP-20A	03/22/12	1274.60	10.55	1264.05
BP-20A	09/10/12	1274.60	6.53	1268.07
BP-20A	09/13/12	1274.60	6.65	1267.95
BP-20A	04/08/13	1274.60	5.54	1269.06
BP-20A	10/28/13	1274.60	9.06	1265.54
BP-20A	10/28/13	1274.60	8.99	1265.61
BP-20A	04/14/14	1274.60	5.53	1269.07
BP-20A	04/14/14	1274.60	5.53	1269.07
BP-20A	06/02/14	1274.60	7.63	1266.97
BP-20A	09/08/14	1274.60	8.97	1265.63
BP-20A	04/07/15	1274.60	5.35	1269.25
BP-20A	09/21/15	1274.60	9.79	1264.81
BP-20A	06/22/16	1274.60	9.04	1265.56
BP-20A	04/24/17	1274.60	5.73	1268.87

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-20A	06/21/17	1274.60	6.08	1268.52
BP-20A	04/19/18	1274.60	5.97	1268.63
BP-20A	06/11/18	1274.60	7.81	1266.79
BP-20A	09/24/18	1274.60	6.05	1268.55
BP-20A	03/25/19	1274.60	5.99	1268.61
BP-20A	06/12/19	1274.60	6.06	1268.54
BP-20A	09/16/19	1274.60	6.54	1268.06
BP-20A	04/13/20	1274.60	6.02	1268.58
BP-20A	09/08/20	1274.60	8.92	1265.68
BP-20A	11/09/20	1274.60	6.42	1268.18
BP-20A	04/12/21	1274.60	6.16	1268.44
BP-20A	06/28/21	1274.60	8.88	1265.72
BP-20A	10/12/21	1274.60	7.16	1267.44
BP-20A	04/11/22	1274.60	5.78	1268.82
BP-20A	08/01/22	1274.60	9.70	1264.90
BP-20A	10/10/22	1274.60	7.34	1267.26
BP-20A	04/24/23	1274.60	6.45	1268.15
BP-20A	08/09/23	1274.60	7.87	1266.73
BP-20A	11/02/23	1274.60	6.83	1267.77
BP-20A	04/09/24	1274.60	6.19	1268.41
BP-20A	08/13/24	1274.60	6.47	1268.13
BP-20A	11/11/24	1274.60	8.88	1265.72
BP-20A	04/07/25	1274.60	5.94	1268.66
BP-20A	08/06/25	1274.60	7.95	1266.65
BP-21	05/19/10	1244.12	18.95	1225.17
BP-21	09/22/10	1244.12	21.79	1222.33
BP-21	03/21/11	1244.12	17.42	1226.70
BP-21	05/15/11	1244.12	17.52	1226.60
BP-21	05/18/11	1244.12	17.90	1226.22
BP-21	10/09/11	1244.12	18.27	1225.85
BP-21	10/11/11	1244.12	18.10	1226.02
BP-21	03/16/12	1244.12	17.72	1226.40
BP-21	03/22/12	1244.12	17.63	1226.49
BP-21	09/13/12	1244.12	20.83	1223.29
BP-21	09/13/12	1244.12	20.83	1223.29
BP-21	04/08/13	1244.12	17.50	1226.62
BP-21	10/28/13	1244.12	19.45	1224.67
BP-21	10/28/13	1244.12	22.45	1221.67
BP-21	04/14/14	1244.12	17.31	1226.81
BP-21	04/14/14	1244.12	17.31	1226.81
BP-21	06/02/14	1244.12	18.04	1226.08
BP-21	09/08/14	1244.12	20.55	1223.57
BP-21	04/07/15	1244.12	19.38	1224.74
BP-21	09/21/15	1244.12	21.77	1222.35
BP-21	06/20/16	1244.12	47.56	1196.56
BP-21	06/20/16	1244.12	20.81	1223.31
BP-21A	05/17/10	1244.29	5.01	1239.28
BP-21A	05/19/10	1244.29	5.00	1239.29
BP-21A	09/22/10	1244.29	11.53	1232.76
BP-21A	03/21/11	1244.29	4.90	1239.39
BP-21A	05/15/11	1244.29	5.15	1239.14
BP-21A	05/18/11	1244.29	5.26	1239.03
BP-21A	10/09/11	1244.29	8.15	1236.14
BP-21A	10/11/11	1244.29	8.17	1236.12
BP-21A	03/16/12	1244.29	4.94	1239.35
BP-21A	03/22/12	1244.29	5.07	1239.22
BP-21A	09/10/12	1244.29	11.19	1233.10
BP-21A	09/13/12	1244.29	11.25	1233.04
BP-21A	04/08/13	1244.29	4.86	1239.43
BP-21A	10/28/13	1244.29	9.18	1235.11
BP-21A	10/28/13	1244.29	11.23	1233.06
BP-21A	04/14/14	1244.29	4.37	1239.92
BP-21A	04/14/14	1244.29	4.37	1239.92
BP-21A	06/02/14	1244.29	5.55	1238.74
BP-21A	09/08/14	1244.29	10.14	1234.15
BP-21A	04/07/15	1244.29	5.45	1238.84
BP-21A	09/21/15	1244.29	10.99	1233.30
BP-21A	06/22/16	1244.29	7.92	1236.37
BP-21A	04/24/17	1244.29	4.06	1240.23
BP-21A	06/21/17	1244.29	5.66	1238.63
BP-21A	04/19/18	1244.29	4.29	1240.00
BP-21A	06/11/18	1244.29	6.05	1238.24
BP-21A	09/24/18	1244.29	7.03	1237.26
BP-21A	03/25/19	1244.29	4.03	1240.26
BP-21A	06/12/19	1244.29	4.99	1239.30
BP-21A	09/16/19	1244.29	8.20	1236.09
BP-21A	10/08/19	1244.29	8.89	1235.40
BP-21A	04/13/20	1244.29	4.24	1240.05
BP-21A	09/08/20	1244.29	9.24	1235.05
BP-21A	11/09/20	1244.29	10.81	1233.48
BP-21A	04/12/21	1244.29	5.05	1239.24
BP-21A	06/28/21	1244.29	7.24	1237.05
BP-21A	10/12/21	1244.29	7.84	1236.45
BP-21A	04/11/22	1244.29	4.38	1239.91
BP-21A	08/01/22	1244.29	9.07	1235.22

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-21A	10/10/22	1244.29	10.41	1233.88
BP-21A	04/24/23	1244.29	5.51	1238.78
BP-21A	08/09/23	1244.29	8.38	1235.91
BP-21A	11/02/23	1244.29	8.37	1235.92
BP-21A	04/09/24	1244.29	4.92	1239.37
BP-21A	08/13/24	1244.29	7.18	1237.11
BP-21A	11/11/24	1244.29	8.79	1235.50
BP-21A	04/07/25	1244.29	4.94	1239.35
BP-21A	08/06/25	1244.29	8.64	1235.65
BP-22A	05/17/10	1242.90	5.11	1237.79
BP-22A	05/19/10	1242.90	5.00	1237.90
BP-22A	09/22/10	1242.90	9.15	1233.75
BP-22A	03/21/11	1242.90	4.65	1238.25
BP-22A	05/15/11	1242.90	4.70	1238.20
BP-22A	05/18/11	1242.90	4.70	1238.20
BP-22A	10/09/11	1242.90	5.53	1237.37
BP-22A	10/11/11	1242.90	5.50	1237.40
BP-22A	03/16/12	1242.90	5.11	1237.79
BP-22A	03/22/12	1242.90	5.10	1237.80
BP-22A	09/10/12	1242.90	8.15	1234.75
BP-22A	09/13/12	1242.90	8.11	1234.79
BP-22A	04/08/13	1242.90	5.24	1237.66
BP-22A	10/28/13	1242.90	7.02	1235.88
BP-22A	10/28/13	1242.90	9.71	1233.19
BP-22A	04/14/14	1242.90	5.44	1237.46
BP-22A	04/14/14	1242.90	5.44	1237.46
BP-22A	06/02/14	1242.90	5.53	1237.37
BP-22A	09/08/14	1242.90	8.56	1234.34
BP-22A	04/07/15	1242.90	5.85	1237.05
BP-22A	09/21/15	1242.90	9.11	1233.79
BP-22A	06/22/16	1242.90	6.78	1236.12
BP-22A	04/24/17	1242.90	5.13	1237.77
BP-22A	06/21/17	1242.90	5.31	1237.59
BP-22A	04/19/18	1242.90	5.59	1237.31
BP-22A	06/11/18	1242.90	5.70	1237.20
BP-22A	09/24/18	1242.90	5.70	1237.20
BP-22A	03/25/19	1242.90	5.62	1237.28
BP-22A	06/12/19	1242.90	5.38	1237.52
BP-22A	09/16/19	1242.90	7.04	1235.86
BP-22A	04/13/20	1242.90	5.55	1237.35
BP-22A	09/08/20	1242.90	7.96	1234.94
BP-22A	11/09/20	1242.90	8.04	1234.86
BP-22A	04/12/21	1242.90	5.95	1236.95
BP-22A	06/28/21	1242.90	6.72	1236.18
BP-22A	10/12/21	1242.90	6.52	1236.38
BP-22A	04/11/22	1242.90	5.89	1237.01
BP-22A	08/01/22	1242.90	8.53	1234.37
BP-22A	10/10/22	1242.90	7.31	1235.59
BP-22A	04/24/23	1242.90	5.98	1236.92
BP-22A	08/09/23	1242.90	7.13	1235.77
BP-22A	11/02/23	1242.90	6.33	1236.57
BP-22A	04/09/24	1242.90	5.68	1237.22
BP-22A	08/13/24	1242.90	6.71	1236.19
BP-22A	11/11/24	1242.90	7.05	1235.85
BP-22A	04/07/25	1242.90	5.99	1236.91
BP-22A	08/06/25	1242.90	7.60	1235.30
BP-23A	05/17/10	1333.39	12.87	1320.52
BP-23A	05/19/10	1333.39	12.97	1320.42
BP-23A	09/23/10	1333.39	15.75	1317.64
BP-23A	01/09/11	1333.39	13.26	1320.13
BP-23A	01/12/11	1333.39	13.15	1320.24
BP-23A	03/21/11	1333.39	8.91	1324.48
BP-23A	03/24/11	1333.39	9.00	1324.39
BP-23A	05/15/11	1333.39	11.27	1322.12
BP-23A	05/18/11	1333.39	12.30	1321.09
BP-23A	06/21/11	1333.39	14.28	1319.11
BP-23A	10/09/11	1333.39	13.42	1319.97
BP-23A	10/11/11	1333.39	13.80	1319.59
BP-23A	12/06/11	1333.39	12.95	1320.44
BP-23A	03/16/12	1333.39	13.59	1319.80
BP-23A	03/21/12	1333.39	14.55	1318.84
BP-23A	09/10/12	1333.39	16.16	1317.23
BP-23A	09/12/12	1333.39	16.15	1317.24
BP-23A	04/08/13	1333.39	12.30	1321.09
BP-23A	10/28/13	1333.39	15.63	1317.76
BP-23A	10/28/13	1333.39	15.30	1318.09
BP-23A	04/14/14	1333.39	10.49	1322.90
BP-23A	04/14/14	1333.39	10.46	1322.93
BP-23A	06/02/14	1333.39	13.80	1319.59
BP-23A	09/08/14	1333.39	14.77	1318.62
BP-23A	04/06/15	1333.39	9.09	1324.30
BP-23A	06/22/15	1333.39	11.20	1322.19
BP-23A	09/22/15	1333.39	16.02	1317.37
BP-23A	06/20/16	1333.39	15.44	1317.95
BP-23A	04/24/17	1333.39	10.05	1323.34

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-23A	06/21/17	1333.39	12.87	1320.52
BP-23A	04/19/18	1333.39	11.08	1322.31
BP-23A	06/11/18	1333.39	13.67	1319.72
BP-23A	09/24/18	1333.39	10.56	1322.83
BP-23A	03/25/19	1333.39	11.02	1322.37
BP-23A	06/12/19	1333.39	13.02	1320.37
BP-23A	09/16/19	1333.39	13.96	1319.43
BP-23A	04/13/20	1333.39	12.48	1320.91
BP-23A	09/08/20	1333.39	15.19	1318.20
BP-23A	11/09/20	1333.39	13.92	1319.47
BP-23A	04/12/21	1333.39	12.58	1320.81
BP-23A	06/28/21	1333.39	14.23	1319.16
BP-23A	10/12/21	1333.39	14.03	1319.36
BP-23A	04/11/22	1333.39	9.99	1323.40
BP-23A	08/01/22	1333.39	15.36	1318.03
BP-23A	10/10/22	1333.39	14.23	1319.16
BP-23A	04/24/23	1333.39	13.37	1320.02
BP-23A	08/09/23	1333.39	13.40	1319.99
BP-23A	11/02/23	1333.39	11.80	1321.59
BP-23A	04/09/24	1333.39	10.44	1322.95
BP-23A	08/14/24	1333.39	12.02	1321.37
BP-23A	11/11/24	1333.39	14.85	1318.54
BP-23A	04/07/25	1333.39	10.20	1323.19
BP-23A	08/06/25	1333.39	14.86	1318.53
BP-24A	05/17/10	1338.73	13.76	1324.97
BP-24A	05/19/10	1338.73	14.60	1324.13
BP-24A	09/23/10	1338.73	18.06	1320.67
BP-24A	01/09/11	1338.73	14.64	1324.09
BP-24A	01/12/11	1338.73	15.05	1323.68
BP-24A	03/21/11	1338.73	11.06	1327.67
BP-24A	03/24/11	1338.73	11.23	1327.50
BP-24A	05/15/11	1338.73	14.85	1323.88
BP-24A	05/18/11	1338.73	14.90	1323.83
BP-24A	06/21/11	1338.73	16.05	1322.68
BP-24A	10/09/11	1338.73	13.19	1325.54
BP-24A	10/11/11	1338.73	14.32	1324.41
BP-24A	03/16/12	1338.73	13.68	1325.05
BP-24A	03/21/12	1338.73	15.35	1323.38
BP-24A	09/10/12	1338.73	15.27	1323.46
BP-24A	09/12/12	1338.73	15.20	1323.53
BP-24A	04/08/13	1338.73	12.99	1325.74
BP-24A	10/28/13	1338.73	16.19	1322.54
BP-24A	10/28/13	1338.73	16.56	1322.17
BP-24A	04/14/14	1338.73	11.71	1327.02
BP-24A	04/14/14	1338.73	11.71	1327.02
BP-24A	06/02/14	1338.73	15.57	1323.16
BP-24A	09/08/14	1338.73	15.98	1322.75
BP-24A	04/06/15	1338.73	10.88	1327.85
BP-24A	06/22/15	1338.73	11.26	1327.47
BP-24A	09/22/15	1338.73	16.27	1322.46
BP-24A	06/22/16	1338.73	16.06	1322.67
BP-24A	04/24/17	1338.73	11.40	1327.33
BP-24A	06/21/17	1338.73	14.55	1324.18
BP-24A	04/19/18	1338.73	12.21	1326.52
BP-24A	06/11/18	1338.73	15.77	1322.96
BP-24A	09/24/18	1338.73	10.65	1328.08
BP-24A	03/25/19	1338.73	11.47	1327.26
BP-24A	06/12/19	1338.73	15.29	1323.44
BP-24A	09/16/19	1338.73	14.94	1323.79
BP-24A	04/13/20	1338.73	14.50	1324.23
BP-24A	09/08/20	1338.73	15.89	1322.84
BP-24A	11/09/20	1338.73	14.32	1324.41
BP-24A	04/12/21	1338.73	14.89	1323.84
BP-24A	06/28/21	1338.73	15.87	1322.86
BP-24A	10/12/21	1338.73	15.27	1323.46
BP-24A	04/11/22	1338.73	11.39	1327.34
BP-24A	08/01/22	1338.73	15.98	1322.75
BP-24A	10/10/22	1338.73	14.97	1323.76
BP-24A	04/24/23	1338.73	15.29	1323.44
BP-24A	08/09/23	1338.73	14.38	1324.35
BP-24A	11/02/23	1338.73	12.23	1326.50
BP-24A	04/09/24	1338.73	11.87	1326.86
BP-24A	08/14/24	1338.73	12.16	1326.57
BP-24A	11/11/24	1338.73	15.76	1322.97
BP-24A	04/07/25	1338.73	10.58	1328.15
BP-24A	08/06/25	1338.73	15.70	1323.03
BP-25A	05/17/10	1301.92	4.59	1297.33
BP-25A	05/19/10	1301.92	2.57	1299.35
BP-25A	09/21/10	1301.92	7.43	1294.49
BP-25A	03/21/11	1301.92	1.14	1300.78
BP-25A	05/15/11	1301.92	1.31	1300.61
BP-25A	05/18/11	1301.92	1.56	1300.36
BP-25A	10/09/11	1301.92	2.88	1299.04
BP-25A	10/11/11	1301.92	2.20	1299.72
BP-25A	03/16/12	1301.92	1.38	1300.54

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-25A	03/21/12	1301.92	2.48	1299.44
BP-25A	09/10/12	1301.92	5.20	1296.72
BP-25A	09/13/12	1301.92	3.91	1298.01
BP-25A	10/28/13	1301.92	6.15	1295.77
BP-25A	10/28/13	1301.92	6.96	1294.96
BP-25A	04/14/14	1301.92	1.80	1300.12
BP-25A	04/14/14	1301.92	1.80	1300.12
BP-25A	06/02/14	1301.92	2.03	1299.89
BP-25A	09/08/14	1301.92	4.50	1297.42
BP-25A	04/07/15	1301.92	4.42	1297.50
BP-25A	09/21/15	1301.92	8.34	1293.58
BP-25A	06/22/16	1301.92	7.24	1294.68
BP-25A	04/24/17	1301.92	1.97	1299.95
BP-25A	06/21/17	1301.92	2.78	1299.14
BP-25A	04/19/18	1301.92	3.16	1298.76
BP-25A	06/11/18	1301.92	4.57	1297.35
BP-25A	09/24/18	1301.92	3.70	1298.22
BP-25A	03/25/19	1301.92	2.85	1299.07
BP-25A	06/12/19	1301.92	2.28	1299.64
BP-25A	09/16/19	1301.92	3.68	1298.24
BP-25A	04/13/20	1301.92	3.13	1298.79
BP-25A	09/08/20	1301.92	6.53	1295.39
BP-25A	11/09/20	1301.92	4.51	1297.41
BP-25A	04/12/21	1301.92	2.95	1298.97
BP-25A	06/28/21	1301.92	6.11	1295.81
BP-25A	10/12/21	1301.92	6.39	1295.53
BP-25A	04/11/22	1301.92	3.32	1298.60
BP-25A	08/01/22	1301.92	7.62	1294.30
BP-25A	10/10/22	1301.92	4.09	1297.83
BP-25A	04/24/23	1301.92	3.79	1298.13
BP-25A	08/09/23	1301.92	3.33	1298.59
BP-25A	11/02/23	1301.92	3.76	1298.16
BP-25A	04/09/24	1301.92	2.58	1299.34
BP-25A	08/13/24	1301.92	4.45	1297.47
BP-25A	11/11/24	1301.92	7.36	1294.56
BP-25A	04/07/25	1301.92	4.84	1297.08
BP-25A	08/06/25	1301.92	4.30	1297.62
BP-26A	05/17/10	1336.96	10.51	1326.45
BP-26A	05/20/10	1336.96	10.65	1326.31
BP-26A	09/23/10	1336.96	17.99	1318.97
BP-26A	03/21/11	1336.96	8.23	1328.73
BP-26A	05/15/11	1336.96	12.18	1324.78
BP-26A	05/18/11	1336.96	10.90	1326.06
BP-26A	10/09/11	1336.96	10.99	1325.97
BP-26A	10/12/11	1336.96	13.32	1323.64
BP-26A	03/16/12	1336.96	10.77	1326.19
BP-26A	03/21/12	1336.96	12.48	1324.48
BP-26A	09/10/12	1336.96	15.19	1321.77
BP-26A	09/12/12	1336.96	15.70	1321.26
BP-26A	04/08/13	1336.96	10.69	1326.27
BP-26A	10/28/13	1336.96	15.79	1321.17
BP-26A	10/30/13	1336.96	15.98	1320.98
BP-26A	04/14/14	1336.96	13.10	1323.86
BP-26A	04/14/14	1336.96	9.44	1327.52
BP-26A	06/02/14	1336.96	14.60	1322.36
BP-26A	06/22/15	1336.96	8.78	1328.18
BP-26A	09/21/15	1336.96	18.25	1318.71
BP-26A	06/22/16	1336.96	17.06	1319.90
BP-26A	06/22/16	1336.96	16.00	1320.96
BP-26A	04/24/17	1336.96	8.40	1328.56
BP-26A	06/21/17	1336.96	13.54	1323.42
BP-26A	04/19/18	1336.96	9.35	1327.61
BP-26A	06/11/18	1336.96	15.18	1321.78
BP-26A	09/24/18	1336.96	8.53	1328.43
BP-26A	03/25/19	1336.96	8.90	1328.06
BP-26A	06/12/19	1336.96	13.41	1323.55
BP-26A	09/16/19	1336.96	15.35	1321.61
BP-26A	04/13/20	1336.96	10.84	1326.12
BP-26A	09/08/20	1336.96	16.34	1320.62
BP-26A	11/09/20	1336.96	15.10	1321.86
BP-26A	04/12/21	1336.96	11.11	1325.85
BP-26A	06/28/21	1336.96	15.82	1321.14
BP-26A	10/12/21	1336.96	15.51	1321.45
BP-26A	04/11/22	1336.96	8.71	1328.25
BP-26A	08/01/22	1336.96	17.08	1319.88
BP-26A	10/10/22	1336.96	15.05	1321.91
BP-26A	04/24/23	1336.96	12.98	1323.98
BP-26A	08/09/23	1336.96	14.60	1322.36
BP-26A	11/02/23	1336.96	10.77	1326.19
BP-26A	04/09/24	1336.96	9.35	1327.61
BP-26A	08/14/24	1336.96	10.62	1326.34
BP-26A	11/11/24	1336.96	16.56	1320.40
BP-26A	04/07/25	1336.96	8.18	1328.78
BP-26A	08/06/25	1336.96	15.98	1320.98
BP-27	05/17/10	1299.93	11.57	1288.36

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-27	05/19/10	1299.93	11.35	1288.58
BP-27	09/21/10	1299.93	14.74	1285.19
BP-27	03/21/11	1299.93	10.29	1289.64
BP-27	05/15/11	1299.93	10.28	1289.65
BP-27	05/18/11	1299.93	10.14	1289.79
BP-27	10/09/11	1299.93	10.12	1289.81
BP-27	10/12/11	1299.93	10.32	1289.61
BP-27	03/21/12	1299.93	11.17	1288.76
BP-27	09/10/12	1299.93	11.24	1288.69
BP-27	09/13/12	1299.93	12.60	1287.33
BP-27	04/08/13	1299.93	11.06	1288.87
BP-27	10/28/13	1299.93	12.28	1287.65
BP-27	10/28/13	1299.93	14.34	1285.59
BP-27	04/14/14	1299.93	10.46	1289.47
BP-27	06/02/14	1299.93	11.16	1288.77
BP-27	09/08/14	1299.93	13.64	1286.29
BP-27	04/07/15	1299.93	3.25	1296.68
BP-27	09/22/15	1299.93	12.44	1287.49
BP-27A	05/17/10	1299.96	1.95	1298.01
BP-27A	05/19/10	1299.96	1.50	1298.46
BP-27A	09/23/10	1299.96	6.55	1293.41
BP-27A	03/21/11	1299.96	0.78	1299.18
BP-27A	05/15/11	1299.96	0.66	1299.30
BP-27A	05/18/11	1299.96	0.87	1299.09
BP-27A	06/21/11	1299.96	3.43	1296.53
BP-27A	10/09/11	1299.96	2.20	1297.76
BP-27A	10/12/11	1299.96	2.34	1297.62
BP-27A	03/21/12	1299.96	1.51	1298.45
BP-27A	09/10/12	1299.96	2.82	1297.14
BP-27A	09/13/12	1299.96	3.85	1296.11
BP-27A	04/08/13	1299.96	1.31	1298.65
BP-27A	10/28/13	1299.96	5.16	1294.80
BP-27A	10/28/13	1299.96	3.87	1296.09
BP-27A	04/14/14	1299.96	1.29	1298.67
BP-27A	04/14/14	1299.96	1.29	1298.67
BP-27A	06/02/14	1299.96	2.41	1297.55
BP-27A	09/08/14	1299.96	5.39	1294.57
BP-27A	04/07/15	1299.96	11.83	1288.13
BP-27A	09/22/15	1299.96	6.67	1293.29
BP-27A	06/22/16	1299.96	4.10	1295.86
BP-27A	04/24/17	1299.96	1.11	1298.85
BP-27A	06/21/17	1299.96	2.27	1297.69
BP-27A	04/19/18	1299.96	2.62	1297.34
BP-27A	06/11/18	1299.96	1.81	1298.15
BP-27A	09/24/18	1299.96	2.11	1297.85
BP-27A	03/25/19	1299.96	1.47	1298.49
BP-27A	06/12/19	1299.96	1.15	1298.81
BP-27A	09/16/19	1299.96	3.64	1296.32
BP-27A	10/08/19	1299.96	2.92	1297.04
BP-27A	04/13/20	1299.96	2.63	1297.33
BP-27A	09/09/20	1299.96	4.20	1295.76
BP-27A	11/09/20	1299.96	4.68	1295.28
BP-27A	04/12/21	1299.96	2.93	1297.03
BP-27A	06/28/21	1299.96	2.66	1297.30
BP-27A	10/12/21	1299.96	3.64	1296.32
BP-27A	04/11/22	1299.96	2.63	1297.33
BP-27A	08/01/22	1299.96	3.16	1296.80
BP-27A	10/10/22	1299.96	2.77	1297.19
BP-27A	04/24/23	1299.96	2.47	1297.49
BP-27A	08/09/23	1299.96	2.74	1297.22
BP-27A	11/02/23	1299.96	2.56	1297.40
BP-27A	04/09/24	1299.96	1.01	1298.95
BP-27A	08/13/24	1299.96	2.15	1297.81
BP-27A	11/11/24	1299.96	4.02	1295.94
BP-27A	04/07/25	1299.96	1.41	1298.55
BP-27A	08/06/25	1299.96	4.19	1295.77
BP-28A	05/17/10	1292.27	8.59	1283.68
BP-28A	05/20/10	1292.27	8.29	1283.98
BP-28A	09/21/10	1292.27	11.63	1280.64
BP-28A	03/21/11	1292.27	6.59	1285.68
BP-28A	05/15/11	1292.27	6.59	1285.68
BP-28A	05/18/11	1292.27	6.66	1285.61
BP-28A	10/12/11	1292.27	7.10	1285.17
BP-28A	03/17/12	1292.27	7.56	1284.71
BP-28A	03/21/12	1292.27	7.67	1284.60
BP-28A	09/10/12	1292.27	10.30	1281.97
BP-28A	09/13/12	1292.27	10.07	1282.20
BP-28A	04/08/13	1292.27	8.04	1284.23
BP-28A	10/28/13	1292.27	9.78	1282.49
BP-28A	10/28/13	1292.27	11.27	1281.00
BP-28A	04/14/14	1292.27	7.89	1284.38
BP-28A	04/14/14	1292.27	7.89	1284.38
BP-28A	06/02/14	1292.27	7.93	1284.34
BP-28A	09/08/14	1292.27	9.32	1282.95
BP-28A	04/07/15	1292.27	9.60	1282.67

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-28A	09/22/15	1292.27	11.10	1281.17
BP-29	05/17/10	1267.65	24.23	1243.42
BP-29	05/20/10	1267.65	27.21	1240.44
BP-29	09/21/10	1267.65	30.19	1237.46
BP-29	05/15/11	1267.65	27.36	1240.29
BP-29	05/18/11	1267.65	27.60	1240.05
BP-29	10/09/11	1267.65	28.68	1238.97
BP-29	10/12/11	1267.65	27.80	1239.85
BP-29	03/17/12	1267.65	26.91	1240.74
BP-29	03/21/12	1267.65	26.88	1240.77
BP-29	09/10/12	1267.65	29.05	1238.60
BP-29	09/13/12	1267.65	29.50	1238.15
BP-29	04/08/13	1267.65	26.73	1240.92
BP-29	10/28/13	1267.65	28.06	1239.59
BP-29	10/28/13	1267.65	30.76	1236.89
BP-29	04/14/14	1267.65	26.87	1240.78
BP-29	04/14/14	1267.65	26.87	1240.78
BP-29	06/02/14	1267.65	26.77	1240.88
BP-29	09/08/14	1267.65	28.69	1238.96
BP-29	04/07/15	1267.65	26.95	1240.70
BP-29	09/22/15	1267.65	30.14	1237.51
BP-30A	05/17/10	1336.20	13.03	1323.17
BP-30A	05/19/10	1336.20	13.46	1322.74
BP-30A	09/23/10	1336.20	14.20	1322.00
BP-30A	01/09/11	1336.20	14.40	1321.80
BP-30A	01/12/11	1336.20	13.00	1323.20
BP-30A	03/21/11	1336.20	7.94	1328.26
BP-30A	03/24/11	1336.20	8.75	1327.45
BP-30A	05/15/11	1336.20	13.47	1322.73
BP-30A	05/18/11	1336.20	13.25	1322.95
BP-30A	06/21/11	1336.20	13.88	1322.32
BP-30A	10/09/11	1336.20	12.30	1323.90
BP-30A	10/11/11	1336.20	13.35	1322.85
BP-30A	12/06/11	1336.20	10.96	1325.24
BP-30A	03/16/12	1336.20	12.50	1323.70
BP-30A	03/21/12	1336.20	13.52	1322.68
BP-30A	09/10/12	1336.20	12.85	1323.35
BP-30A	09/12/12	1336.20	13.05	1323.15
BP-30A	04/08/13	1336.20	11.99	1324.21
BP-30A	10/28/13	1336.20	13.48	1322.72
BP-30A	10/28/13	1336.20	13.41	1322.79
BP-30A	04/14/14	1336.20	10.46	1325.74
BP-30A	04/14/14	1336.20	10.67	1325.53
BP-30A	06/02/14	1336.20	13.42	1322.78
BP-30A	09/08/14	1336.20	14.02	1322.18
BP-30A	04/06/15	1336.20	7.52	1328.68
BP-30A	06/22/15	1336.20	8.53	1327.67
BP-30A	09/22/15	1336.20	14.12	1322.08
BP-30A	06/20/16	1336.20	13.86	1322.34
BP-30A	04/24/17	1336.20	9.44	1326.76
BP-30A	06/21/17	1336.20	12.93	1323.27
BP-30A	04/19/18	1336.20	10.90	1325.30
BP-30A	06/11/18	1336.20	13.79	1322.41
BP-30A	09/24/18	1336.20	9.06	1327.14
BP-30A	03/25/19	1336.20	9.84	1326.36
BP-30A	06/12/19	1336.20	13.33	1322.87
BP-30A	09/16/19	1336.20	13.29	1322.91
BP-30A	10/08/19	1336.20	11.03	1325.17
BP-30A	04/15/20	1336.20	13.26	1322.94
BP-30A	09/08/20	1336.20	13.89	1322.31
BP-30A	09/10/20	1336.20	14.03	1322.17
BP-30A	11/09/20	1336.20	13.00	1323.20
BP-30A	11/10/20	1336.20	13.04	1323.16
BP-30A	04/14/21	1336.20	11.37	1324.83
BP-30A	04/14/21	1336.20	11.37	1324.83
BP-30A	06/28/21	1336.20	13.98	1322.22
BP-30A	10/12/21	1336.20	13.22	1322.98
BP-30A	04/11/22	1336.20	9.93	1326.27
BP-30A	08/01/22	1336.20	14.14	1322.06
BP-30A	10/10/22	1336.20	12.94	1323.26
BP-30A	04/24/23	1336.20	13.44	1322.76
BP-30A	08/09/23	1336.20	13.21	1322.99
BP-30A	11/02/23	1336.20	11.12	1325.08
BP-30A	04/09/24	1336.20	11.40	1324.80
BP-30A	08/14/24	1336.20	12.34	1323.86
BP-30A	11/11/24	1336.20	14.02	1322.18
BP-30A	04/07/25	1336.20	8.25	1327.95
BP-30A	08/06/25	1336.20	13.74	1322.46
BP-31A	05/17/10	1369.61	10.66	1358.95
BP-31A	05/18/10	1369.61	11.91	1357.70
BP-31A	09/22/10	1369.61	14.21	1355.40
BP-31A	11/11/10	1369.61	10.48	1359.13
BP-31A	01/09/11	1369.61	12.11	1357.50
BP-31A	01/11/11	1369.61	12.10	1357.51
BP-31A	03/21/11	1369.61	8.00	1361.61

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-31A	03/24/11	1369.61	8.55	1361.06
BP-31A	05/15/11	1369.61	10.82	1358.79
BP-31A	05/17/11	1369.61	11.65	1357.96
BP-31A	06/21/11	1369.61	13.20	1356.41
BP-31A	10/09/11	1369.61	10.40	1359.21
BP-31A	10/11/11	1369.61	10.90	1358.71
BP-31A	03/16/12	1369.61	10.10	1359.51
BP-31A	03/21/12	1369.61	11.73	1357.88
BP-31A	09/10/12	1369.61	13.70	1355.91
BP-31A	09/12/12	1369.61	14.80	1354.81
BP-31A	04/08/13	1369.61	10.00	1359.61
BP-31A	10/28/13	1369.63	13.00	1356.63
BP-31A	10/30/13	1369.63	13.02	1356.61
BP-31A	04/14/14	1369.63	9.40	1360.23
BP-31A	04/15/14	1369.63	9.30	1360.33
BP-31A	06/02/14	1369.63	12.68	1356.95
BP-31A	06/03/14	1369.63	12.72	1356.91
BP-31A	09/08/14	1369.63	14.05	1355.58
BP-31A	11/17/14	1369.63	13.90	1355.73
BP-31A	04/06/15	1369.63	8.35	1361.28
BP-31A	06/22/15	1369.63	9.93	1359.70
BP-31A	09/22/15	1369.63	14.13	1355.50
BP-31A	11/17/15	1369.63	13.82	1355.81
BP-31A	11/17/15	1369.63	15.51	1354.12
BP-31A	04/11/16	1369.63	9.75	1359.88
BP-31A	04/12/16	1369.63	9.75	1359.88
BP-31A	06/21/16	1369.63	14.07	1355.56
BP-31A	06/21/16	1369.63	13.41	1356.22
BP-31A	09/20/16	1370.63	13.98	1356.65
BP-31A	09/20/16	1370.63	14.93	1355.70
BP-31A	04/25/17	1370.63	9.70	1360.93
BP-31A	06/20/17	1369.63	12.19	1357.44
BP-31A	10/10/17	1369.63	15.05	1354.58
BP-31A	04/17/18	1369.63	10.20	1359.43
BP-31A	06/12/18	1369.63	13.08	1356.55
BP-31A	09/26/18	1369.63	9.82	1359.81
BP-31A	03/26/19	1369.63	10.08	1359.55
BP-31A	06/11/19	1369.63	12.58	1357.05
BP-31A	09/17/19	1369.63	13.88	1355.75
BP-31A	04/14/20	1369.63	12.00	1357.63
BP-31A	09/09/20	1369.63	14.31	1355.32
BP-31A	11/10/20	1369.63	13.73	1355.90
BP-31A	04/13/21	1369.63	11.30	1358.33
BP-31A	06/29/21	1369.63	13.64	1355.99
BP-31A	10/13/21	1369.63	13.32	1356.31
BP-31A	04/12/22	1369.63	9.65	1359.98
BP-31A	08/02/22	1369.63	14.07	1355.56
BP-31A	10/11/22	1369.63	12.65	1356.98
BP-31A	04/25/23	1369.63	11.80	1357.83
BP-31A	08/08/23	1369.63	13.74	1355.89
BP-31A	10/31/23	1369.63	11.80	1357.83
BP-31A	04/11/24	1369.63	10.24	1359.39
BP-31A	08/13/24	1369.63	11.50	1358.13
BP-31A	11/12/24	1369.63	14.78	1354.85
BP-31A	04/08/25	1369.63	9.07	1360.56
BP-31A	08/05/25	1369.63	13.78	1355.85
BP-32A	05/17/10	1389.58	10.62	1378.96
BP-32A	01/09/11	1389.58	12.75	1376.83
BP-32A	03/21/11	1389.58	7.27	1382.31
BP-32A	05/15/11	1389.58	10.90	1378.68
BP-32A	10/09/11	1389.58	10.55	1379.03
BP-32A	03/16/12	1389.58	10.08	1379.50
BP-32A	09/10/12	1389.58	14.77	1374.81
BP-32A	04/07/13	1389.58	9.29	1380.29
BP-32A	10/28/13	1389.58	15.56	1374.02
BP-32A	10/30/13	1389.58	16.10	1373.48
BP-32A	04/14/14	1389.58	8.38	1381.20
BP-32A	04/16/14	1389.58	7.56	1382.02
BP-32A	06/02/14	1389.58	13.25	1376.33
BP-32A	06/03/14	1389.58	13.35	1376.23
BP-32A	09/08/14	1389.58	19.20	1370.38
BP-32A	11/17/14	1389.58	12.82	1376.76
BP-32A	04/06/15	1389.58	7.73	1381.85
BP-32A	06/22/15	1389.58	7.61	1381.97
BP-32A	09/21/15	1389.58	21.78	1367.80
BP-32A	11/17/15	1389.58	14.43	1375.15
BP-32A	11/17/15	1389.58	16.39	1373.19
BP-32A	04/11/16	1389.58	7.79	1381.79
BP-32A	06/23/16	1389.58	17.64	1371.94
BP-32A	04/24/17	1389.58	7.18	1382.40
BP-32A	06/21/17	1389.58	10.31	1379.27
BP-32A	04/19/18	1389.58	7.99	1381.59
BP-32A	06/11/18	1389.58	12.13	1377.45
BP-32A	09/24/18	1389.58	7.45	1382.13
BP-32A	03/25/19	1389.58	8.48	1381.10

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-32A	06/11/19	1389.58	10.48	1379.10
BP-32A	09/16/19	1389.58	15.93	1373.65
BP-32A	04/13/20	1389.58	9.12	1380.46
BP-32A	09/10/20	1389.58	>17.95	<1371.63
BP-32A	11/09/20	1389.58	14.69	1374.89
BP-32A	04/12/21	1389.58	9.33	1380.25
BP-32A	06/28/21	1389.58	15.82	1373.76
BP-32A	10/12/21	1389.58	14.61	1374.97
BP-32A	04/11/22	1389.58	7.01	1382.57
BP-32A	08/01/22	1389.58	>18.21	<1371.37
BP-32A	10/10/22	1389.58	14.84	1374.74
BP-32A	04/24/23	1389.58	12.49	1377.09
BP-32A	08/09/23	1389.58	10.64	1378.94
BP-32A	11/02/23	1389.58	8.95	1380.63
BP-32A	04/09/24	1389.58	7.26	1382.32
BP-32A	08/14/24	1389.58	9.89	1379.69
BP-32A	11/11/24	1389.58	18.58	1371.00
BP-32A	04/07/25	1389.58	7.14	1382.44
BP-32A	08/05/25	1389.58	18.93[†]	1370.65
BP-33A	05/17/10	1369.48	18.22	1351.26
BP-33A	03/21/11	1369.48	14.66	1354.82
BP-33A	05/15/11	1369.48	19.57	1349.91
BP-33A	10/09/11	1369.48	19.35	1350.13
BP-33A	03/16/12	1369.48	18.46	1351.02
BP-33A	09/10/12	1369.48	15.51	1353.97
BP-33A	10/28/13	1369.48	20.41	1349.07
BP-33A	04/14/14	1369.48	16.15	1353.33
BP-33A	09/08/14	1369.48	19.98	1349.50
BP-33A	11/17/14	1369.48	19.53	1349.95
BP-33A	04/06/15	1369.48	13.42	1356.06
BP-33A	06/22/15	1369.48	13.53	1355.95
BP-33A	09/21/15	1369.48	21.06	1348.42
BP-33A	11/16/15	1369.48	17.75	1351.73
BP-33A	06/20/16	1369.48	20.65	1348.83
BP-34A	05/17/10	1389.93	8.43	1381.50
BP-34A	05/20/10	1389.93	8.72	1381.21
BP-34A	06/30/10	1389.93	10.20	1379.73
BP-34A	08/03/10	1389.93	13.62	1376.31
BP-34A	09/22/10	1389.93	17.24	1372.69
BP-34A	11/08/10	1389.93	17.65	1372.28
BP-34A	01/09/11	1389.93	9.85	1380.08
BP-34A	01/10/11	1389.93	10.58	1379.35
BP-34A	03/21/11	1389.93	7.18	1382.75
BP-34A	03/22/11	1389.93	6.69	1383.24
BP-34A	05/15/11	1389.93	8.50	1381.43
BP-34A	05/16/11	1389.93	8.63	1381.30
BP-34A	06/22/11	1389.93	10.85	1379.08
BP-34A	10/09/11	1389.93	9.57	1380.36
BP-34A	10/10/11	1389.93	8.95	1380.98
BP-34A	12/05/11	1389.93	9.49	1380.44
BP-34A	03/16/12	1389.93	8.30	1381.63
BP-34A	03/20/12	1389.93	8.28	1381.65
BP-34A	09/10/12	1389.93	14.20	1375.73
BP-34A	09/11/12	1389.93	13.88	1376.05
BP-34A	04/07/13	1389.93	8.18	1381.75
BP-34A	10/28/13	1392.55	14.12	1378.43
BP-34A	10/29/13	1392.55	17.86	1374.69
BP-34A	04/14/14	1392.55	10.14	1382.41
BP-34A	04/16/14	1392.55	10.63	1381.92
BP-34A	06/02/14	1392.55	12.51	1380.04
BP-34A	06/04/14	1392.55	12.60	1379.95
BP-34A	09/08/14	1392.55	15.83	1376.72
BP-34A	11/17/14	1392.55	18.28	1374.27
BP-34A	04/06/15	1392.55	9.97	1382.58
BP-34A	06/22/15	1392.55	12.19	1380.36
BP-34A	09/23/15	1392.55	15.22	1377.33
BP-34A	11/18/15	1392.55	17.52	1375.03
BP-34A	11/18/15	1392.55	19.50	1373.05
BP-34A	04/11/16	1392.55	11.67	1380.88
BP-34A	04/13/16	1390.20	11.67	1378.53
BP-34A	06/21/16	1392.55	15.81	1376.74
BP-34A	06/21/16	1392.55	13.19	1379.36
BP-34A	09/21/16	1392.73	16.45	1376.28
BP-34A	09/21/16	1392.73	18.51	1374.22
BP-34A	04/25/17	1392.73	10.17	1382.56
BP-34A	06/20/17	1392.55	12.08	1380.47
BP-34A	10/10/17	1392.55	16.65	1375.90
BP-34A	04/17/18	1392.55	10.36	1382.19
BP-34A	06/12/18	1392.55	12.36	1380.19
BP-34A	09/26/18	1392.55	11.32	1381.23
BP-34A	03/26/19	1392.55	10.71	1381.84
BP-34A	06/11/19	1392.55	11.14	1381.41
BP-34A	09/17/19	1392.55	15.30	1377.25
BP-34A	10/08/19	1392.55	20.16	1372.39
BP-34A	04/15/20	1392.55	10.94	1381.61

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-34A	09/10/20	1392.55	14.95	1377.60
BP-34A	11/11/20	1392.55	18.30	1374.25
BP-34A	04/14/21	1392.55	11.30	1381.25
BP-34A	06/30/21	1392.55	13.24	1379.31
BP-34A	10/13/21	1392.55	14.71	1377.84
BP-34A	11/15/21	1392.55	14.31	1378.24
BP-34A	04/12/22	1392.55	10.53	1382.02
BP-34A	08/03/22	1392.55	15.25	1377.30
BP-34A	10/11/22	1392.55	11.19	1381.36
BP-34A	04/25/23	1392.55	10.05	1382.50
BP-34A	08/08/23	1392.55	10.23	1382.32
BP-34A	10/31/23	1392.55	10.45	1382.10
BP-34A	04/09/24	1392.55	8.31	1384.24
BP-34A	08/13/24	1392.55	10.82	1381.73
BP-34A	11/12/24	1392.55	12.58	1379.97
BP-34A	04/08/25	1392.55	8.80	1383.75
BP-34A	08/05/25	1392.55	11.12	1381.43
BP-35A	05/17/10	1389.13	13.76	1375.37
BP-35A	06/30/10	1389.13	13.60	1375.53
BP-35A	08/03/10	1389.13	16.04	1373.09
BP-35A	09/22/10	1389.13	17.87	1371.26
BP-35A	11/08/10	1389.13	14.08	1375.05
BP-35A	01/09/11	1389.13	11.80	1377.33
BP-35A	01/10/11	1389.13	12.35	1376.78
BP-35A	03/21/11	1389.13	9.39	1379.74
BP-35A	03/23/11	1389.13	9.51	1379.62
BP-35A	05/15/11	1389.13	10.52	1378.61
BP-35A	05/16/11	1389.13	10.60	1378.53
BP-35A	06/22/11	1389.13	11.83	1377.30
BP-35A	10/09/11	1389.13	11.20	1377.93
BP-35A	10/10/11	1389.13	10.51	1378.62
BP-35A	12/05/11	1389.13	11.80	1377.33
BP-35A	03/16/12	1389.13	11.04	1378.09
BP-35A	03/20/12	1389.13	10.38	1378.75
BP-35A	09/10/12	1389.13	16.15	1372.98
BP-35A	09/11/12	1389.13	15.82	1373.31
BP-35A	04/07/13	1389.13	10.74	1378.39
BP-35A	10/28/13	1391.75	14.80	1376.95
BP-35A	10/29/13	1391.75	14.52	1377.23
BP-35A	04/14/14	1391.75	11.97	1379.78
BP-35A	04/16/14	1391.75	11.47	1380.28
BP-35A	06/02/14	1391.75	17.37	1374.38
BP-35A	06/04/14	1391.75	17.10	1374.65
BP-35A	09/08/14	1391.75	16.19	1375.56
BP-35A	11/17/14	1391.75	18.65	1373.10
BP-35A	04/06/15	1391.75	12.85	1378.90
BP-35A	06/22/15	1391.75	14.65	1377.10
BP-35A	09/23/15	1391.75	17.32	1374.43
BP-35A	11/18/15	1391.75	19.21	1372.54
BP-35A	11/18/15	1391.75	19.95	1371.80
BP-35A	04/11/16	1391.75	13.92	1377.83
BP-35A	04/13/16	1389.00	13.92	1375.08
BP-35A	06/21/16	1391.75	16.10	1375.65
BP-35A	06/21/16	1391.75	15.25	1376.50
BP-35A	09/20/16	1392.01	17.92	1374.09
BP-35A	09/20/16	1392.01	20.21	1371.80
BP-35A	04/25/17	1392.01	13.11	1378.90
BP-35A	06/20/17	1391.75	14.18	1377.57
BP-35A	10/10/17	1391.75	19.35	1372.40
BP-35A	04/17/18	1391.75	12.58	1379.17
BP-35A	06/12/18	1391.75	13.80	1377.95
BP-35A	09/25/18	1391.75	14.47	1377.28
BP-35A	03/26/19	1391.75	12.88	1378.87
BP-35A	06/11/19	1391.75	13.74	1378.01
BP-35A	09/17/19	1391.75	16.68	1375.07
BP-35A	04/15/20	1391.75	13.46	1378.29
BP-35A	09/10/20	1391.75	17.70	1374.05
BP-35A	11/10/20	1391.75	18.42	1373.33
BP-35A	04/13/21	1391.75	13.23	1378.52
BP-35A	06/29/21	1391.75	14.75	1377.00
BP-35A	10/13/21	1391.75	16.06	1375.69
BP-35A	11/15/21	1391.75	15.10	1376.65
BP-35A	04/12/22	1391.75	12.23	1379.52
BP-35A	08/02/22	1391.75	16.47	1375.28
BP-35A	10/11/22	1391.75	14.46	1377.29
BP-35A	04/25/23	1391.75	12.45	1379.30
BP-35A	08/09/23	1391.75	12.51	1379.24
BP-35A	10/31/23	1391.75	13.32	1378.43
BP-35A	04/09/24	1391.75	11.02	1380.73
BP-35A	08/13/24	1391.75	12.21	1379.54
BP-35A	11/12/24	1391.75	13.43	1378.32
BP-35A	04/08/25	1391.75	10.67	1381.08
BP-35A	08/05/25	1391.75	12.51	1379.24
BP-36A	05/17/10	1384.85	13.48	1371.37
BP-36A	05/17/10	1384.85	12.71	1372.14

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-36A	05/20/10	1384.85	13.07	1371.78
BP-36A	06/30/10	1384.85	14.50	1370.35
BP-36A	08/04/10	1384.85	15.30	1369.55
BP-36A	09/22/10	1384.85	16.80	1368.05
BP-36A	11/10/10	1384.85	13.12	1371.73
BP-36A	01/09/11	1384.85	14.00	1370.85
BP-36A	01/11/11	1384.85	14.15	1370.70
BP-36A	03/21/11	1384.85	10.00	1374.85
BP-36A	03/23/11	1384.85	10.00	1374.85
BP-36A	05/15/11	1384.85	12.72	1372.13
BP-36A	05/17/11	1384.85	13.20	1371.65
BP-36A	06/21/11	1384.85	14.16	1370.69
BP-36A	10/09/11	1384.85	12.43	1372.42
BP-36A	10/11/11	1384.85	12.78	1372.07
BP-36A	12/06/11	1384.85	11.98	1372.87
BP-36A	03/16/12	1384.85	12.37	1372.48
BP-36A	03/21/12	1384.85	13.22	1371.63
BP-36A	09/10/12	1384.85	16.61	1368.24
BP-36A	09/12/12	1384.85	16.72	1368.13
BP-36A	04/07/13	1384.85	11.35	1373.50
BP-36A	10/28/13	1383.68	16.70	1366.98
BP-36A	10/30/13	1383.68	16.73	1366.95
BP-36A	04/15/14	1383.68	13.08	1370.60
BP-36A	06/02/14	1383.68	16.15	1367.53
BP-36A	06/04/14	1383.68	16.58	1367.10
BP-36A	09/08/14	1383.68	16.34	1367.34
BP-36A	11/17/14	1383.68	16.30	1367.38
BP-36A	04/06/15	1383.68	11.00	1372.68
BP-36A	06/22/15	1383.68	13.08	1370.60
BP-36A	09/22/15	1383.68	14.91	1368.77
BP-36A	11/17/15	1383.68	15.33	1368.35
BP-36A	11/17/15	1383.68	17.40	1366.28
BP-36A	04/11/16	1383.68	11.41	1372.27
BP-36A	04/13/16	1382.80	11.41	1371.39
BP-36A	06/22/16	1383.68	15.24	1368.44
BP-36A	06/22/16	1383.68	13.54	1370.14
BP-36A	09/20/16	1383.88	14.85	1369.03
BP-36A	09/20/16	1383.88	17.06	1366.82
BP-36A	04/25/17	1383.88	10.47	1373.41
BP-36A	06/20/17	1383.68	12.56	1371.12
BP-36A	10/10/17	1383.68	16.65	1367.03
BP-36A	04/17/18	1383.68	10.68	1373.00
BP-36A	06/12/18	1383.68	12.79	1370.89
BP-36A	09/25/18	1383.68	10.71	1372.97
BP-36A	03/26/19	1383.68	10.55	1373.13
BP-36A	06/11/19	1383.68	12.05	1371.63
BP-36A	09/17/19	1383.68	13.73	1369.95
BP-36A	04/15/20	1383.68	11.57	1372.11
BP-36A	09/10/20	1383.68	14.30	1369.38
BP-36A	11/10/20	1383.68	14.10	1369.58
BP-36A	04/14/21	1383.68	11.68	1372.00
BP-36A	06/30/21	1383.68	13.48	1370.20
BP-36A	10/13/21	1383.68	13.18	1370.50
BP-36A	11/15/21	1383.68	11.06	1372.62
BP-36A	04/12/22	1383.68	10.61	1373.07
BP-36A	08/02/22	1383.68	14.43	1369.25
BP-36A	10/11/22	1383.68	12.35	1371.33
BP-36A	04/25/23	1383.68	11.45	1372.23
BP-36A	08/08/23	1383.68	12.22	1371.46
BP-36A	10/31/23	1383.68	11.51	1372.17
BP-36A	04/09/24	1383.68	10.68	1373.00
BP-36A	08/13/24	1383.68	12.60	1371.08
BP-36A	11/12/24	1383.68	14.22	1369.46
BP-36A	04/08/25	1383.68	10.90	1372.78
BP-36A	08/06/25	1383.68	14.93	1368.75
BP-37A	05/17/10	1389.93	10.75	1379.18
BP-37A	05/20/10	1389.93	11.96	1377.97
BP-37A	06/30/10	1389.93	13.10	1376.83
BP-37A	08/04/10	1389.93	14.67	1375.26
BP-37A	09/21/10	1389.93	16.39	1373.54
BP-37A	11/09/10	1389.93	12.33	1377.60
BP-37A	01/09/11	1389.93	11.70	1378.23
BP-37A	01/10/11	1389.93	12.18	1377.75
BP-37A	03/21/11	1389.93	8.33	1381.60
BP-37A	03/22/11	1389.93	7.80	1382.13
BP-37A	05/15/11	1389.93	10.53	1379.40
BP-37A	05/16/11	1389.93	10.75	1379.18
BP-37A	06/22/11	1389.93	11.99	1377.94
BP-37A	10/09/11	1389.93	10.77	1379.16
BP-37A	10/10/11	1389.93	10.42	1379.51
BP-37A	12/05/11	1389.93	10.58	1379.35
BP-37A	03/16/12	1389.93	9.66	1380.27
BP-37A	03/20/12	1389.93	9.99	1379.94
BP-37A	09/10/12	1389.93	13.70	1376.23
BP-37A	09/11/12	1389.93	13.74	1376.19

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-37A	04/07/13	1389.93	9.29	1380.64
BP-37A	10/28/13	1389.92	12.25	1377.67
BP-37A	10/29/13	1389.92	12.53	1377.39
BP-37A	04/14/14	1389.92	8.79	1381.13
BP-37A	04/16/14	1389.92	9.36	1380.56
BP-37A	06/02/14	1389.92	11.06	1378.86
BP-37A	06/04/14	1389.92	10.90	1379.02
BP-37A	09/08/14	1389.92	13.05	1376.87
BP-37A	11/17/14	1389.92	13.20	1376.72
BP-37A	04/06/15	1389.92	8.34	1381.58
BP-37A	06/22/15	1389.92	9.70	1380.22
BP-37A	09/22/15	1389.92	13.11	1376.81
BP-37A	11/17/15	1389.92	12.49	1377.43
BP-37A	11/17/15	1389.92	14.23	1375.69
BP-37A	04/11/16	1389.92	9.19	1380.73
BP-37A	04/13/16	1387.50	9.19	1378.31
BP-37A	06/22/16	1389.92	12.76	1377.16
BP-37A	06/22/16	1389.92	10.78	1379.14
BP-37A	09/21/16	1390.31	12.90	1377.41
BP-37A	09/21/16	1390.31	14.32	1375.99
BP-37A	04/24/17	1390.31	8.41	1381.90
BP-37A	04/25/17	1390.31	8.39	1381.92
BP-37A	06/19/17	1389.92	9.75	1380.17
BP-37A	06/20/17	1389.92	9.72	1380.20
BP-37A	10/11/17	1389.92	13.36	1376.56
BP-37A	04/17/18	1389.92	8.33	1381.59
BP-37A	06/11/18	1389.92	9.72	1380.20
BP-37A	09/24/18	1389.92	8.68	1381.24
BP-37A	03/25/19	1389.92	7.60	1382.32
BP-37A	03/26/19	1389.92	7.81	1382.11
BP-37A	06/11/19	1389.92	8.67	1381.25
BP-37A	09/17/19	1389.92	10.68	1379.24
BP-37A	04/14/20	1389.92	8.55	1381.37
BP-37A	09/09/20	1389.92	11.33	1378.59
BP-37A	11/11/20	1389.92	10.93	1378.99
BP-37A	04/13/21	1389.92	9.49	1380.43
BP-37A	06/29/21	1389.92	10.83	1379.09
BP-37A	10/13/21	1389.92	10.86	1379.06
BP-37A	11/15/21	1389.92	9.28	1380.64
BP-37A	04/12/22	1389.92	8.53	1381.39
BP-37A	08/03/22	1389.92	12.45	1377.47
BP-37A	10/11/22	1389.92	10.49	1379.43
BP-37A	04/25/23	1389.92	9.76	1380.16
BP-37A	08/08/23	1389.92	9.29	1380.63
BP-37A	11/01/23	1389.92	7.27	1382.65
BP-37A	04/10/24	1389.92	6.92	1383.00
BP-37A	08/14/24	1389.92	7.75	1382.17
BP-37A	11/12/24	1389.92	10.89	1379.03
BP-37A	04/08/25	1389.92	6.65	1383.27
BP-37A	08/05/25	1389.92	9.83	1380.09
BP-38A	05/17/10	1375.12	11.81	1363.31
BP-38A	05/20/10	1375.12	13.71	1361.41
BP-38A	06/30/10	1375.12	14.86	1360.26
BP-38A	08/04/10	1375.12	15.42	1359.70
BP-38A	09/22/10	1375.12	16.25	1358.87
BP-38A	11/11/10	1375.12	12.15	1362.97
BP-38A	01/09/11	1375.12	13.70	1361.42
BP-38A	01/11/11	1375.12	14.00	1361.12
BP-38A	03/21/11	1375.12	8.66	1366.46
BP-38A	03/23/11	1375.12	9.15	1365.97
BP-38A	05/15/11	1375.12	11.58	1363.54
BP-38A	05/17/11	1375.12	11.90	1363.22
BP-38A	06/21/11	1375.12	13.56	1361.56
BP-38A	10/09/11	1375.12	10.95	1364.17
BP-38A	10/11/11	1375.12	11.30	1363.82
BP-38A	12/06/11	1375.12	10.35	1364.77
BP-38A	03/16/12	1375.12	10.97	1364.15
BP-38A	03/21/12	1375.12	12.08	1363.04
BP-38A	09/10/12	1375.12	15.41	1359.71
BP-38A	09/12/12	1375.12	15.32	1359.80
BP-38A	04/08/13	1375.12	16.23	1358.89
BP-38A	10/28/13	1375.10	13.56	1361.54
BP-38A	10/30/13	1375.10	13.45	1361.65
BP-38A	04/14/14	1375.10	8.88	1366.22
BP-38A	04/15/14	1375.10	8.84	1366.26
BP-38A	06/02/14	1375.10	12.80	1362.30
BP-38A	06/03/14	1375.10	12.78	1362.32
BP-38A	09/08/14	1375.10	14.21	1360.89
BP-38A	11/17/14	1375.10	14.60	1360.50
BP-38A	04/06/15	1375.10	8.00	1367.10
BP-38A	06/22/15	1375.10	8.84	1366.26
BP-38A	09/22/15	1375.10	14.34	1360.76
BP-38A	11/17/15	1375.10	14.80	1360.30
BP-38A	11/17/15	1375.10	16.85	1358.25
BP-38A	04/11/16	1375.10	8.91	1366.19

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-38A	04/12/16	1375.10	8.91	1366.19
BP-38A	06/21/16	1375.10	15.14	1359.96
BP-38A	06/21/16	1375.10	13.68	1361.42
BP-38A	09/20/16	1375.84	14.58	1361.26
BP-38A	09/20/16	1375.84	15.68	1360.16
BP-38A	04/25/17	1375.84	9.15	1366.69
BP-38A	06/20/17	1375.10	13.59	1361.51
BP-38A	10/10/17	1375.10	16.43	1358.67
BP-38A	04/17/18	1375.10	9.22	1365.88
BP-38A	06/12/18	1375.10	13.05	1362.05
BP-38A	09/25/18	1375.10	8.23	1366.87
BP-38A	03/26/19	1375.10	9.41	1365.69
BP-38A	06/11/19	1375.10	11.07	1364.03
BP-38A	09/17/19	1375.10	13.71	1361.39
BP-38A	04/14/20	1375.10	10.78	1364.32
BP-38A	09/09/20	1375.10	14.03	1361.07
BP-38A	11/10/20	1375.10	13.97	1361.13
BP-38A	04/13/21	1375.10	9.44	1365.66
BP-38A	06/29/21	1375.10	13.45	1361.65
BP-38A	10/13/21	1375.10	13.17	1361.93
BP-38A	11/15/21	1375.10	7.71	1367.39
BP-38A	04/12/22	1375.10	8.86	1366.24
BP-38A	08/02/22	1375.10	13.88	1361.22
BP-38A	10/11/22	1375.10	11.58	1363.52
BP-38A	04/25/23	1375.10	9.90	1365.20
BP-38A	08/08/23	1375.10	12.58	1362.52
BP-38A	10/31/23	1375.10	10.73	1364.37
BP-38A	04/11/24	1375.10	9.06	1366.04
BP-38A	08/13/24	1375.10	10.85	1364.25
BP-38A	11/12/24	1375.10	14.19	1360.91
BP-38A	04/08/25	1375.10	8.65	1366.45
BP-38A	08/05/25	1375.10	14.05	1361.05
BP-39A	05/17/10	1370.17	10.54	1359.63
BP-39A	05/20/10	1370.17	10.68	1359.49
BP-39A	06/30/10	1370.17	13.50	1356.67
BP-39A	09/22/10	1370.17	15.12	1355.05
BP-39A	11/11/10	1370.17	8.40	1361.77
BP-39A	01/09/11	1370.17	9.32	1360.85
BP-39A	01/11/11	1370.17	8.91	1361.26
BP-39A	03/21/11	1370.17	5.97	1364.20
BP-39A	03/24/11	1370.17	5.91	1364.26
BP-39A	05/15/11	1370.17	9.33	1360.84
BP-39A	05/17/11	1370.17	8.40	1361.77
BP-39A	06/21/11	1370.17	10.71	1359.46
BP-39A	10/09/11	1370.17	8.92	1361.25
BP-39A	10/11/11	1370.17	9.20	1360.97
BP-39A	12/06/11	1370.17	7.95	1362.22
BP-39A	03/16/12	1370.17	7.98	1362.19
BP-39A	03/21/12	1370.17	8.65	1361.52
BP-39A	09/10/12	1370.17	8.67	1361.50
BP-39A	09/12/12	1370.17	9.69	1360.48
BP-39A	04/08/13	1370.17	7.20	1362.97
BP-39A	10/28/13	1370.17	10.51	1359.66
BP-39A	10/30/13	1370.17	10.07	1360.10
BP-39A	04/14/14	1370.17	6.54	1363.63
BP-39A	04/15/14	1370.17	6.54	1363.63
BP-39A	06/02/14	1370.17	10.26	1359.91
BP-39A	06/03/14	1370.17	10.22	1359.95
BP-39A	09/08/14	1370.17	12.66	1357.51
BP-39A	11/17/14	1370.17	9.74	1360.43
BP-39A	04/06/15	1370.17	5.72	1364.45
BP-39A	06/22/15	1370.17	6.85	1363.32
BP-39A	09/22/15	1370.17	14.73	1355.44
BP-39A	11/17/15	1370.17	9.58	1360.59
BP-39A	11/17/15	1370.17	11.69	1358.48
BP-39A	04/11/16	1370.17	5.78	1364.39
BP-39A	04/12/16	1370.17	5.78	1364.39
BP-39A	06/21/16	1370.17	12.74	1357.43
BP-39A	06/21/16	1370.17	11.81	1358.36
BP-39A	09/20/16	1370.47	14.75	1355.72
BP-39A	09/20/16	1370.47	17.80	1352.67
BP-39A	04/25/17	1370.47	7.22	1363.25
BP-39A	06/20/17	1370.17	8.69	1361.48
BP-39A	10/10/17	1370.17	16.61	1353.56
BP-39A	04/17/18	1370.17	6.55	1363.62
BP-39A	06/12/18	1370.17	10.20	1359.97
BP-39A	09/25/18	1370.17	5.43	1364.74
BP-39A	03/26/19	1370.17	6.89	1363.28
BP-39A	06/11/19	1370.17	8.87	1361.30
BP-39A	09/17/19	1370.17	10.21	1359.96
BP-39A	10/08/19	1370.17	8.05	1362.12
BP-39A	04/15/20	1370.17	8.15	1362.02
BP-39A	09/10/20	1370.17	12.88	1357.29
BP-39A	11/10/20	1370.17	9.25	1360.92
BP-39A	04/14/21	1370.17	6.21	1363.96

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-39A	06/30/21	1370.17	10.30	1359.87
BP-39A	10/13/21	1370.17	10.16	1360.01
BP-39A	04/12/22	1370.17	6.60	1363.57
BP-39A	08/02/22	1370.17	10.32	1359.85
BP-39A	10/11/22	1370.17	10.03	1360.14
BP-39A	04/25/23	1370.17	8.58	1361.59
BP-39A	08/08/23	1370.17	10.64	1359.53
BP-39A	10/31/23	1370.17	8.83	1361.34
BP-39A	04/09/24	1370.17	7.59	1362.58
BP-39A	08/13/24	1370.17	9.21	1360.96
BP-39A	11/12/24	1370.17	14.46	1355.71
BP-39A	04/08/25	1370.17	6.28	1363.89
BP-39A	08/05/25	1370.17	12.23	1357.94
BP-40A	05/17/10	1358.71	12.96	1345.75
BP-40A	05/20/10	1358.71	17.55	1341.16
BP-40A	06/30/10	1358.71	22.31	1336.40
BP-40A	11/11/10	1358.71	14.12	1344.59
BP-40A	01/09/11	1358.71	18.79	1339.92
BP-40A	01/11/11	1358.71	21.10	1337.61
BP-40A	03/21/11	1358.71	11.10	1347.61
BP-40A	03/24/11	1358.71	11.64	1347.07
BP-40A	05/15/11	1358.71	13.49	1345.22
BP-40A	05/17/11	1358.71	12.80	1345.91
BP-40A	06/21/11	1358.71	20.83	1337.88
BP-40A	10/09/11	1358.71	13.17	1345.54
BP-40A	10/11/11	1358.71	13.30	1345.41
BP-40A	12/06/11	1358.71	12.35	1346.36
BP-40A	03/16/12	1358.71	12.86	1345.85
BP-40A	03/21/12	1358.71	13.28	1345.43
BP-40A	09/10/12	1358.71	12.53	1346.18
BP-40A	09/12/12	1358.71	13.28	1345.43
BP-40A	04/08/13	1358.71	12.58	1346.13
BP-40A	10/28/13	1358.71	17.52	1341.19
BP-40A	04/14/14	1358.71	11.74	1346.97
BP-40A	06/02/14	1358.71	15.90	1342.81
BP-40A	09/08/14	1358.71	20.62	1338.09
BP-40A	11/17/14	1358.71	12.22	1346.49
BP-40A	04/06/15	1358.71	10.00	1348.71
BP-40A	06/22/15	1358.71	10.39	1348.32
BP-40A	09/21/15	1358.71	20.19	1338.52
BP-40A	06/20/16	1358.71	17.40	1341.31
BP-41A	10/11/22	1373.43	11.53	1361.90
BP-41A	04/25/23	1373.43	10.42	1363.01
BP-41A	08/08/23	1373.43	11.43	1362.00
BP-41A	10/31/23	1373.43	8.93	1364.50
BP-41A	04/10/24	1373.43	9.63	1363.80
BP-41A	08/13/24	1373.43	10.41	1363.02
BP-41A	11/12/24	1373.43	14.23	1359.20
BP-41A	04/08/25	1373.43	7.52	1365.91
BP-41A	08/05/25	1373.43	11.97	1361.46
BP-42AS	10/11/22	1375.53	9.13	1366.40
BP-42AS	04/25/23	1375.53	8.33	1367.20
BP-42AS	08/08/23	1375.53	8.94	1366.59
BP-42AS	10/31/23	1375.53	8.01	1367.52
BP-42AS	04/10/24	1375.53	6.30	1369.23
BP-42AS	08/13/24	1375.53	7.51	1368.02
BP-42AS	11/13/24	1375.53	10.46	1365.07
BP-42AS	04/08/25	1375.53	6.19	1369.34
BP-42AS	08/05/25	1375.53	10.20	1365.33
BP-42AI	10/11/22	1375.25	15.06	1360.19
BP-42AI	04/25/23	1375.25	9.82	1365.43
BP-42AI	08/08/23	1375.25	12.45	1362.80
BP-42AI	10/31/23	1375.25	11.63	1363.62
BP-42AI	04/10/24	1375.25	9.96	1365.29
BP-42AI	08/13/24	1375.25	12.58	1362.67
BP-42AI	11/13/24	1375.25	14.05	1361.20
BP-42AI	04/08/25	1375.25	9.75	1365.50
BP-42AI	08/05/25	1375.25	13.33	1361.92
BP-42AD	10/11/22	1375.84	12.68	1363.16
BP-42AD	10/14/22	1375.84	12.49	1363.35
BP-42AD	04/25/23	1375.84	11.27	1364.57
BP-42AD	08/08/23	1375.84	14.43	1361.41
BP-42AD	10/31/23	1375.84	13.50	1362.34
BP-42AD	04/10/24	1375.84	11.57	1364.27
BP-42AD	08/13/24	1375.84	13.10	1362.74
BP-42AD	11/13/24	1375.84	16.52	1359.32
BP-42AD	08/05/25	1375.84	16.24	1359.60
BP-43AS	10/11/22	1376.71	10.42	1366.29
BP-43AS	04/25/23	1376.71	9.15	1367.56
BP-43AS	08/08/23	1376.71	9.73	1366.98
BP-43AS	10/31/23	1376.71	8.77	1367.94
BP-43AS	04/10/24	1376.71	7.84	1368.87
BP-43AS	08/13/24	1376.71	8.50	1368.21
BP-43AS	11/13/24	1376.71	11.17	1365.54
BP-43AS	04/08/25	1376.71	7.33	1369.38

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
BP-43AS	08/05/25	1376.71	10.92	1365.79
BP-43AI	10/11/22	1376.18	12.39	1363.79
BP-43AI	10/14/22	1376.18	12.11	1364.07
BP-43AI	04/25/23	1376.18	10.65	1365.53
BP-43AI	08/08/23	1376.18	13.38	1362.80
BP-43AI	10/31/23	1376.18	12.53	1363.65
BP-43AI	04/10/24	1376.18	11.05	1365.13
BP-43AI	08/13/24	1376.18	12.48	1363.70
BP-43AI	11/13/24	1376.18	15.88	1360.30
BP-43AI	04/08/25	1376.18	10.33	1365.85
BP-43AI	08/05/25	1376.18	14.78	1361.40
BP-43AD	10/11/22	1376.56	19.78	1356.78
BP-43AD	04/25/23	1376.56	11.60	1364.96
BP-43AD	08/08/23	1376.56	14.21	1362.35
BP-43AD	10/31/23	1376.56	13.49	1363.07
BP-43AD	04/10/24	1376.56	11.76	1364.80
BP-43AD	08/13/24	1376.56	14.22	1362.34
BP-43AD	11/13/24	1376.56	16.36	1360.20
BP-43AD	08/05/25	1376.56	14.58	1361.98
BP-44AS	10/12/22	1376.26	10.70	1365.56
BP-44AS	04/26/23	1376.26	7.97	1368.29
BP-44AS	08/09/23	1376.26	9.28	1366.98
BP-44AS	10/31/23	1376.26	8.33	1367.93
BP-44AS	04/11/24	1376.26	7.29	1368.97
BP-44AS	08/13/24	1376.26	8.11	1368.15
BP-44AS	11/11/24	1376.26	11.06	1365.20
BP-44AS	04/08/25	1376.26	6.71	1369.55
BP-44AS	08/06/25	1376.26	10.37	1365.89
BP-44AI	10/12/22	1375.98	15.65	1360.33
BP-44AI	04/26/23	1375.98	10.00	1365.98
BP-44AI	08/09/23	1375.98	12.73	1363.25
BP-44AI	10/31/23	1375.98	12.23	1363.75
BP-44AI	04/11/24	1375.98	10.15	1365.83
BP-44AI	08/14/24	1375.98	12.84	1363.14
BP-44AI	11/12/24	1375.98	14.34	1361.64
BP-44AI	04/08/25	1375.98	9.62	1366.36
BP-44AI	08/07/25	1375.98	13.59	1362.39
BP-44AD	10/12/22	1376.10	20.62	1355.48
BP-44AD	04/26/23	1376.10	12.98	1363.12
BP-44AD	08/09/23	1376.10	14.05	1362.05
BP-44AD	10/31/23	1376.10	13.56	1362.54
BP-44AD	04/11/24	1376.10	11.59	1364.51
BP-44AD	08/14/24	1376.10	14.35	1361.75
BP-44AD	11/12/24	1376.10	15.58	1360.52
BP-44AD	08/07/25	1376.10	14.64	1361.46
BP-45AS	10/12/22	1377.95	11.48	1366.47
BP-45AS	04/26/23	1377.95	10.81	1367.14
BP-45AS	08/09/23	1377.95	12.23	1365.72
BP-45AS	10/31/23	1377.95	11.98	1365.97
BP-45AS	04/11/24	1377.95	10.66	1367.29
BP-45AS	08/14/24	1377.95	11.33	1366.62
BP-45AS	11/12/24	1377.95	>12.58	<1365.37
BP-45AS	04/08/25	1377.95	10.02	1367.93
BP-45AS	08/07/25	1377.95	12.47	1365.48
BP-45AI	10/12/22	1377.38	15.01	1362.37
BP-45AI	04/26/23	1377.38	10.67	1366.71
BP-45AI	08/09/23	1377.38	12.22	1365.16
BP-45AI	10/31/23	1377.38	11.92	1365.46
BP-45AI	04/11/24	1377.38	10.61	1366.77
BP-45AI	08/14/24	1377.38	11.50	1365.88
BP-45AI	11/12/24	1377.38	13.40	1363.98
BP-45AI	04/08/25	1377.38	9.89	1367.49
BP-45AI	08/07/25	1377.38	12.42	1364.96
BP-45AD	10/12/22	1377.84	20.95	1356.89
BP-45AD	04/26/23	1377.84	16.99	1360.85
BP-45AD	08/09/23	1377.84	14.07	1363.77
BP-45AD	10/31/23	1377.84	13.66	1364.18
BP-45AD	04/11/24	1377.84	11.86	1365.98
BP-45AD	08/14/24	1377.84	14.27	1363.57
BP-45AD	11/12/24	1377.84	15.41	1362.43
BP-45AD	08/07/25	1377.84	14.49	1363.35
C-1	10/12/22	1390.73	6.26	1384.47
C-1	04/26/23	1390.73	5.95	1384.78
C-1	08/09/23	1390.73	4.61	1386.12
C-1	11/01/23	1390.73	3.58	1387.15
C-1	04/11/24	1390.73	3.17	1387.56
C-1	08/15/24	1390.73	4.00	1386.73
C-1	11/13/24	1390.73	5.66	1385.07
C-1	08/07/25	1390.73	5.99	1384.74
C-2	10/13/22	1391.63	14.33	1377.30
C-2	04/27/23	1391.63	13.63	1378.00
C-2	08/10/23	1391.63	9.37	1382.26
C-2	11/01/23	1391.63	9.82	1381.81
C-2	04/10/24	1391.63	7.43	1384.20
C-2	08/15/24	1391.63	8.55	1383.08

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
C-2	11/13/24	1391.63	10.89	1380.74
C-2	04/09/25	1391.63	7.36	1384.27
C-2	08/06/25	1391.63	8.17	1383.46
C-3	10/14/22	1392.70	14.22	1378.48
C-3	04/27/23	1392.70	13.11	1379.59
C-3	08/10/23	1392.70	11.01	1381.69
C-3	11/02/23	1392.70	10.68	1382.02
C-3	04/11/24	1392.70	8.81	1383.89
C-3	08/15/24	1392.70	10.20	1382.50
C-3	11/13/24	1392.70	11.91	1380.79
C-3	08/07/25	1392.70	8.74	1383.96
C-4	10/13/22	1393.39	13.63	1379.76
C-4	04/27/23	1393.39	10.54	1382.85
C-4	08/10/23	1393.39	6.58	1386.81
C-4	11/02/23	1393.39	6.26	1387.13
C-4	04/11/24	1393.39	6.19	1387.20
C-4	08/15/24	1393.39	6.42	1386.97
C-4	11/14/24	1393.39	7.40	1385.99
C-4	04/09/25	1393.39	5.69	1387.70
C-4	08/07/25	1393.39	8.51	1384.88
C-5	10/12/22	1393.84	8.94	1384.90
C-5	04/26/23	1393.84	8.57	1385.27
C-5	08/10/23	1393.84	6.89	1386.95
C-5	11/01/23	1393.84	6.39	1387.45
C-5	04/10/24	1393.84	6.12	1387.72
C-5	08/15/24	1393.84	6.92	1386.92
C-5	11/13/24	1393.84	6.95	1386.89
C-5	04/09/25	1393.84	6.61	1387.23
C-5	08/06/25	1393.84	6.89	1386.95
C-6	10/14/22	1394.65	9.57	1385.08
C-6	04/27/23	1394.65	9.36	1385.29
C-6	08/10/23	1394.65	7.83	1386.82
C-6	11/02/23	1394.65	7.31	1387.34
C-6	04/11/24	1394.65	6.92	1387.73
C-6	08/15/24	1394.65	7.46	1387.19
C-6	11/14/24	1394.65	7.42	1387.23
C-6	08/07/25	1394.65	7.35	1387.30
C-7	10/14/22	1395.47	10.39	1385.08
C-7	04/27/23	1395.47	10.17	1385.30
C-7	08/10/23	1395.47	8.69	1386.78
C-7	11/02/23	1395.47	8.13	1387.34
C-7	04/11/24	1395.47	7.77	1387.70
C-7	08/15/24	1395.47	7.85	1387.62
C-7	11/14/24	1395.47	7.95	1387.52
C-7	04/09/25	1395.47	7.93	1387.54
C-7	08/07/25	1395.47	8.25	1387.22
C-8	10/14/22	1396.34	14.28	1382.06
C-8	04/27/23	1396.34	12.50	1383.84
C-8	08/10/23	1396.34	10.31	1386.03
C-8	11/02/23	1396.34	8.68	1387.66
C-8	04/11/24	1396.34	7.22	1389.12
C-8	08/15/24	1396.34	7.13	1389.21
C-8	11/14/24	1396.34	7.24	1389.10
C-8	08/07/25	1396.34	7.37	1388.97
C-9	10/14/22	1397.13	10.27	1386.86
C-9	04/27/23	1397.13	14.61	1382.52
C-9	08/10/23	1397.13	8.83	1388.30
C-9	11/02/23	1397.13	7.75	1389.38
C-9	04/11/24	1397.13	7.54	1389.59
C-9	08/15/24	1397.13	8.59	1388.54
C-9	11/13/24	1397.13	9.44	1387.69
C-9	04/09/25	1397.13	7.78	1389.35
C-9	08/06/25	1397.13	9.66	1387.47
C-10	10/14/22	1398.76	9.82	1388.94
C-10	04/27/23	1398.76	14.42	1384.34
C-10	08/10/23	1398.76	8.74	1390.02
C-10	11/02/23	1398.76	7.33	1391.43
C-10	04/11/24	1398.76	7.49	1391.27
C-10	08/15/24	1398.76	7.90	1390.86
C-10	11/13/24	1398.76	8.72	1390.04
C-10	08/07/25	1398.76	9.03	1389.73
C-11	10/14/22	1397.40	15.92	1381.48
C-11	04/27/23	1397.40	13.43	1383.97
C-11	08/10/23	1397.40	8.95	1388.45
C-11	11/02/23	1397.40	8.09	1389.31
C-11	04/11/24	1397.40	7.48	1389.92
C-11	08/15/24	1397.40	11.32	1386.08
C-11	11/13/24	1397.40	7.58	1389.82
C-11	04/09/25	1397.40	8.15	1389.25
C-11	08/07/25	1397.40	12.89	1384.51
D-1	10/12/22	1379.42	12.08	1367.34
D-1	04/26/23	1379.42	7.86	1371.56
D-1	08/10/23	1379.42	6.62	1372.80
D-1	11/01/23	1379.42	6.81	1372.61
D-1	04/11/24	1379.42	5.66	1373.76

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
D-1	08/14/24	1379.42	4.80	1374.62
D-1	11/11/24	1379.42	4.83	1374.59
D-1	08/07/25	1379.42	6.76	1372.66
D-2	10/13/22	1379.60	12.72	1366.88
D-2	04/27/23	1379.60	10.42	1369.18
D-2	08/10/23	1379.60	7.22	1372.38
D-2	11/01/23	1379.60	7.62	1371.98
D-2	04/10/24	1379.60	4.74	1374.86
D-2	08/14/24	1379.60	6.52	1373.08
D-2	11/13/24	1379.60	6.37	1373.23
D-2	04/09/25	1379.60	6.28	1373.32
D-2	08/06/25	1379.60	4.05	1375.55
D-3	10/13/22	1379.97	9.25	1370.72
D-3	04/27/23	1379.97	8.29	1371.68
D-3	08/10/23	1379.97	3.87	1376.10
D-3	11/01/23	1379.97	3.05	1376.92
D-3	04/11/24	1379.97	2.73	1377.24
D-3	08/14/24	1379.97	2.83	1377.14
D-3	11/11/24	1379.97	3.19	1376.78
D-3	08/07/25	1379.97	6.27	1373.70
D-4	10/12/22	1380.04	11.67	1368.37
D-4	04/26/23	1380.04	9.78	1370.26
D-4	08/09/23	1380.04	7.90	1372.14
D-4	11/01/23	1380.04	8.17	1371.87
D-4	04/10/24	1380.04	5.41	1374.63
D-4	08/14/24	1380.04	5.75	1374.29
D-4	11/13/24	1380.04	5.85	1374.19
D-4	04/09/25	1380.04	3.07	1376.97
D-4	08/06/25	1380.04	6.52	1373.52
D-5	10/13/22	1380.16	13.12	1367.04
D-5	04/27/23	1380.16	10.63	1369.53
D-5	08/09/23	1380.16	5.63	1374.53
D-5	11/01/23	1380.16	4.73	1375.43
D-5	04/11/24	1380.16	5.11	1375.05
D-5	08/14/24	1380.16	8.17	1371.99
D-5	11/11/24	1380.16	10.12	1370.04
D-5	08/07/25	1380.16	7.18	1372.98
D-6	10/13/22	1380.90	9.00	1371.90
D-6	04/27/23	1380.90	7.50	1373.40
D-6	08/10/23	1380.90	7.83	1373.07
D-6	11/01/23	1380.90	8.14	1372.76
D-6	04/11/24	1380.90	5.32	1375.58
D-6	08/14/24	1380.90	5.63	1375.27
D-6	11/14/24	1380.90	9.78	1371.12
D-6	04/09/25	1380.90	4.57	1376.33
D-6	08/07/25	1380.90	6.36	1374.54
GC-1 Port 1	05/19/11	1383.71	12.52	1371.19
GC-1 Port 1	10/12/11	1383.71	15.82	1367.89
GC-1 Port 1	03/22/12	1383.71	15.63	1368.08
GC-1 Port 1	09/11/12	1383.71	17.35	1366.36
GC-1 Port 1	04/11/13	1383.71	10.68	1373.03
GC-1 Port 1	10/29/13	1383.71	15.60	1368.11
GC-1 Port 1	04/15/14	1385.22	11.85	1373.37
GC-1 Port 1	09/08/14	1385.22	15.30	1369.92
GC-1 Port 1	04/07/15	1385.22	4.60	1380.62
GC-1 Port 1	09/23/15	1385.22	15.50	1369.72
GC-1 Port 1	06/23/16	1383.71	13.79	1369.92
GC-1 Port 1	06/12/18	1385.22	14.98	1370.24
GC-1 Port 1	06/11/19	1385.22	13.82	1371.40
GC-1 Port 1	09/10/20	1385.22	16.11	1369.11
GC-1 Port 1	06/30/21	1385.22	15.76	1369.46
GC-1 Port 1	08/02/22	1385.22	15.51	1369.71
GC-1 Port 1	08/09/23	1385.22	13.28	1371.94
GC-1 Port 1	08/14/24	1385.22	12.84	1372.38
GC-1 Port 1	08/05/25	1385.22	16.16	1369.06
GC-1 Port 2	05/19/11	1383.71	12.51	1371.20
GC-1 Port 2	10/12/11	1383.71	15.70	1368.01
GC-1 Port 2	03/22/12	1383.71	15.64	1368.07
GC-1 Port 2	09/11/12	1383.71	17.31	1366.40
GC-1 Port 2	04/11/13	1383.71	10.66	1373.05
GC-1 Port 2	10/29/13	1383.71	16.80	1366.91
GC-1 Port 2	04/15/14	1385.22	12.00	1373.22
GC-1 Port 2	09/08/14	1385.22	15.30	1369.92
GC-1 Port 2	04/07/15	1385.22	4.80	1380.42
GC-1 Port 2	09/23/15	1385.22	15.40	1369.82
GC-1 Port 2	06/12/18	1385.22	14.97	1370.25
GC-1 Port 2	06/11/19	1385.22	13.88	1371.34
GC-1 Port 2	09/10/20	1385.22	16.11	1369.11
GC-1 Port 2	06/30/21	1385.22	15.94	1369.28
GC-1 Port 2	08/02/22	1385.22	15.61	1369.61
GC-1 Port 2	08/09/23	1385.22	13.30	1371.92
GC-1 Port 2	08/14/24	1385.22	12.90	1372.32
GC-1 Port 2	08/05/25	1385.22	16.14	1369.08
GC-1 Port 3	05/19/11	1383.71	11.45	1372.26
GC-1 Port 3	10/12/11	1383.71	15.70	1368.01

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
GC-1 Port 3	03/22/12	1383.71	15.60	1368.11
GC-1 Port 3	09/11/12	1383.71	17.30	1366.41
GC-1 Port 3	04/11/13	1383.71	10.67	1373.04
GC-1 Port 3	10/29/13	1383.71	16.80	1366.91
GC-1 Port 3	04/15/14	1385.22	11.95	1373.27
GC-1 Port 3	09/08/14	1385.22	15.30	1369.92
GC-1 Port 3	04/07/15	1385.22	9.90	1375.32
GC-1 Port 3	09/23/15	1385.22	15.50	1369.72
GC-1 Port 3	06/12/18	1385.22	14.98	1370.24
GC-1 Port 3	06/11/19	1385.22	13.90	1371.32
GC-1 Port 3	09/10/20	1385.22	15.85	1369.37
GC-1 Port 3	06/30/21	1385.22	15.81	1369.41
GC-1 Port 3	08/02/22	1385.22	15.62	1369.60
GC-1 Port 3	08/09/23	1385.22	13.32	1371.90
GC-1 Port 3	08/14/24	1385.22	12.92	1372.30
GC-1 Port 3	08/05/25	1385.22	16.17	1369.05
GC-1 Port 4	05/19/11	1383.71	27.31	1356.40
GC-1 Port 4	10/12/11	1383.71	27.92	1355.79
GC-1 Port 4	03/22/12	1383.71	28.61	1355.10
GC-1 Port 4	09/11/12	1383.71	30.09	1353.62
GC-1 Port 4	04/11/13	1383.71	25.93	1357.78
GC-1 Port 4	10/29/13	1383.71	28.60	1355.11
GC-1 Port 4	04/15/14	1385.22	25.05	1360.17
GC-1 Port 4	09/08/14	1385.22	29.50	1355.72
GC-1 Port 4	04/07/15	1385.22	21.25	1363.97
GC-1 Port 4	09/23/15	1385.22	29.80	1355.42
GC-1 Port 4	06/12/18	1385.22	29.03	1356.19
GC-1 Port 4	06/11/19	1385.22	26.24	1358.98
GC-1 Port 4	09/10/20	1385.22	29.02	1356.20
GC-1 Port 4	06/30/21	1385.22	28.81	1356.41
GC-1 Port 4	08/02/22	1385.22	30.06	1355.16
GC-1 Port 4	08/09/23	1385.22	28.68	1356.54
GC-1 Port 4	08/14/24	1385.22	19.40	1365.82
GC-1 Port 4	08/05/25	1385.22	30.05	1355.17
GC-1 Port 5	05/19/11	1383.71	52.95	1330.76
GC-1 Port 5	10/12/11	1383.71	56.85	1326.86
GC-1 Port 5	03/22/12	1383.71	56.89	1326.82
GC-1 Port 5	09/11/12	1383.71	55.88	1327.83
GC-1 Port 5	04/11/13	1383.71	55.30	1328.41
GC-1 Port 5	10/29/13	1383.71	58.70	1325.01
GC-1 Port 5	04/15/14	1385.22	35.25	1349.97
GC-1 Port 5	09/08/14	1385.22	57.50	1327.72
GC-1 Port 5	04/07/15	1385.22	53.30	1331.92
GC-1 Port 5	09/23/15	1385.22	58.10	1327.12
GC-1 Port 5	06/12/18	1385.22	53.41	1331.81
GC-1 Port 5	06/11/19	1385.22	51.31	1333.91
GC-1 Port 5	09/10/20	1385.22	55.64	1329.58
GC-1 Port 5	06/30/21	1385.22	53.46	1331.76
GC-1 Port 5	08/02/22	1385.22	55.16	1330.06
GC-1 Port 5	08/09/23	1385.22	52.00	1333.22
GC-1 Port 5	08/14/24	1385.22	48.80	1336.42
GC-1 Port 5	08/05/25	1385.22	54.17	1331.05
GC-1 Port 6	05/19/10	1383.71	52.20	1331.51
GC-1 Port 6	05/19/11	1383.71	53.10	1330.61
GC-1 Port 6	05/19/11	1383.71	151.60	1232.11
GC-1 Port 6	10/12/11	1383.71	56.88	1326.83
GC-1 Port 6	03/22/12	1383.71	56.91	1326.80
GC-1 Port 6	09/11/12	1383.71	58.91	1324.80
GC-1 Port 6	04/11/13	1383.71	55.38	1328.33
GC-1 Port 6	10/29/13	1383.71	58.80	1324.91
GC-1 Port 6	04/15/14	1385.22	35.25	1349.97
GC-1 Port 6	09/08/14	1385.22	57.50	1327.72
GC-1 Port 6	04/07/15	1385.22	53.40	1331.82
GC-1 Port 6	09/23/15	1385.22	58.20	1327.02
GC-1 Port 6	06/12/18	1385.22	53.38	1331.84
GC-1 Port 6	06/11/19	1385.22	51.35	1333.87
GC-1 Port 6	09/10/20	1385.22	55.70	1329.52
GC-1 Port 6	06/30/21	1385.22	53.50	1331.72
GC-1 Port 6	08/02/22	1385.22	55.21	1330.01
GC-1 Port 6	08/09/23	1385.22	52.03	1333.19
GC-1 Port 6	08/14/24	1385.22	48.85	1336.37
GC-1 Port 6	08/05/25	1385.22	54.22	1331.00
GC-1 Port 7	05/19/11	1383.71	60.23	1323.48
GC-1 Port 7	10/12/11	1383.71	>66.00	<1317.71
GC-1 Port 7	03/22/12	1383.71	64.90	1318.81
GC-1 Port 7	09/11/12	1383.71	>68.00	<1315.71
GC-1 Port 7	04/11/13	1383.71	63.51	1320.20
GC-1 Port 7	04/15/14	1385.22	62.90	1322.32
GC-1 Port 7	09/08/14	1385.22	66.90	1318.32
GC-1 Port 7	04/07/15	1385.22	64.50	1320.72
GC-1 Port 7	09/23/15	1385.22	67.00	1318.22
GC-1 Port 7	06/12/18	1385.22	63.67	1321.55
GC-1 Port 7	06/11/19	1385.22	60.77	1324.45
GC-1 Port 7	09/10/20	1385.22	65.89	1319.33
GC-1 Port 7	06/30/21	1385.22	64.33	1320.89

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
GC-1 Port 7	08/02/22	1385.22	65.63	1319.59
GC-1 Port 7	08/09/23	1385.22	62.05	1323.17
GC-1 Port 7	08/14/24	1385.22	61.18	1324.04
GC-1 Port 7	08/05/25	1385.22	64.39	1320.83
GC-1 Port 8	05/19/11	1383.71	60.54	1323.17
GC-1 Port 8	10/12/11	1383.71	>67.00	<1316.71
GC-1 Port 8	03/22/12	1383.71	64.77	1318.94
GC-1 Port 8	09/11/12	1383.71	>68.00	<1315.71
GC-1 Port 8	04/11/13	1383.71	63.48	1320.23
GC-1 Port 8	04/15/14	1385.22	61.80	1323.42
GC-1 Port 8	09/08/14	1385.22	66.30	1318.92
GC-1 Port 8	04/07/15	1385.22	63.25	1321.97
GC-1 Port 8	09/23/15	1385.22	67.10	1318.12
GC-1 Port 8	06/23/16	1383.71	64.24	1319.47
GC-1 Port 8	06/12/18	1385.22	63.16	1322.06
GC-1 Port 8	06/11/19	1385.22	60.78	1324.44
GC-1 Port 8	09/10/20	1385.22	65.91	1319.31
GC-1 Port 8	06/30/21	1385.22	63.35	1321.87
GC-1 Port 8	08/02/22	1385.22	65.62	1319.60
GC-1 Port 8	08/09/23	1385.22	62.07	1323.15
GC-1 Port 8	08/14/24	1385.22	61.18	1324.04
GC-1 Port 8	08/05/25	1385.22	64.37	1320.85
GC-2A	05/17/10	1383.32	13.24	1370.08
GC-2A	05/19/10	1383.32	14.44	1368.88
GC-2A	09/23/10	1383.32	21.77	1361.55
GC-2A	01/09/11	1383.32	14.65	1368.67
GC-2A	03/21/11	1383.32	11.47	1371.85
GC-2A	05/15/11	1383.32	13.25	1370.07
GC-2A	05/17/11	1383.32	13.70	1369.62
GC-2A	10/09/11	1383.32	13.13	1370.19
GC-2A	10/12/11	1383.32	13.68	1369.64
GC-2A	03/16/12	1383.32	13.15	1370.17
GC-2A	03/20/12	1383.32	13.37	1369.95
GC-2A	09/10/12	1383.32	20.10	1363.22
GC-2A	09/11/12	1383.32	20.70	1362.62
GC-2A	04/07/13	1383.32	12.76	1370.56
GC-2A	10/28/13	1383.32	15.98	1367.34
GC-2A	10/28/13	1383.32	16.78	1366.54
GC-2A	10/28/13	1383.32	16.03	1367.29
GC-2A	04/14/14	1383.32	12.85	1370.47
GC-2A	04/14/14	1383.32	12.82	1370.50
GC-2A	06/02/14	1383.32	15.50	1367.82
GC-2A	09/08/14	1383.32	19.27	1364.05
GC-2A	11/17/14	1383.32	21.05	1362.27
GC-2A	04/06/15	1383.32	10.76	1372.56
GC-2A	06/22/15	1383.32	10.91	1372.41
GC-2A	09/22/15	1383.32	20.30	1363.02
GC-2A	06/23/16	1383.32	19.42	1363.90
GC-2A	06/23/16	1383.32	17.65	1365.67
GC-2A	09/20/16	1384.66	21.20	1363.46
GC-2A	04/24/17	1384.66	11.02	1373.64
GC-2A	06/21/17	1383.32	15.60	1367.72
GC-2A	04/19/18	1383.32	11.20	1372.12
GC-2A	06/11/18	1383.32	15.33	1367.99
GC-2A	09/24/18	1383.32	11.47	1371.85
GC-2A	03/25/19	1383.32	11.89	1371.43
GC-2A	06/11/19	1383.32	14.27	1369.05
GC-2A	09/16/19	1383.32	21.25	1362.07
GC-2A	04/13/20	1383.32	11.70	1371.62
GC-2A	09/09/20	1383.32	>21.23	<1362.09
GC-2A	11/09/20	1383.32	22.59	1360.73
GC-2A	04/12/21	1383.32	11.54	1371.78
GC-2A	06/28/21	1383.32	17.43	1365.89
GC-2A	10/12/21	1383.32	18.99	1364.33
GC-2A	04/11/22	1383.32	11.35	1371.97
GC-2A	08/01/22	1383.32	20.33	1362.99
GC-2A	10/10/22	1383.32	20.98	1362.34
GC-2A	04/24/23	1383.32	11.97	1371.35
GC-2A	08/09/23	1383.32	18.99	1364.33
GC-2A	11/02/23	1383.32	12.45	1370.87
GC-2A	04/09/24	1383.32	11.58	1371.74
GC-2A	08/14/24	1383.32	12.63	1370.69
GC-2A	11/11/24	1383.32	21.35	1361.97
GC-2A	04/07/25	1383.32	9.85	1373.47
GC-2A	08/05/25	1383.32	20.75	1362.57
IB-1	05/17/10	1390.48	6.20	1384.28
IB-1	06/30/10	1390.48	6.35	1384.13
IB-1	01/09/11	1390.48	5.90	1384.58
IB-1	03/21/11	1390.48	4.81	1385.67
IB-1	05/15/11	1390.48	5.19	1385.29
IB-1	10/09/11	1390.48	4.95	1385.53
IB-1	03/17/12	1390.48	6.12	1384.36
IB-1	09/10/12	1390.48	6.11	1384.37
IB-1	04/07/13	1390.48	4.94	1385.54
IB-1	10/28/13	1392.20	7.50	1384.70

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
IB-1	04/14/14	1392.20	5.80	1386.40
IB-1	06/02/14	1392.20	6.95	1385.25
IB-1	09/08/14	1392.20	8.18	1384.02
IB-1	11/17/14	1392.20	7.50	1384.70
IB-1	04/06/15	1392.20	5.06	1387.14
IB-1	06/22/15	1392.20	5.66	1386.54
IB-1	09/21/15	1392.20	7.84	1384.36
IB-1	11/16/15	1392.20	7.02	1385.18
IB-1	04/11/16	1392.20	5.80	1386.40
IB-1	06/20/16	1392.20	6.95	1385.25
IB-1	04/24/17	1392.20	5.65	1386.55
IB-1	06/19/17	1392.20	6.46	1385.74
IB-1	10/09/17	1392.20	7.63	1384.57
IB-1	04/18/18	1392.20	5.95	1386.25
IB-1	06/11/18	1392.20	6.48	1385.72
IB-1	09/24/18	1392.20	5.33	1386.87
IB-1	03/25/19	1392.20	6.06	1386.14
IB-1	06/10/19	1392.20	6.56	1385.64
IB-1	09/16/19	1392.20	7.63	1384.57
IB-1	04/14/20	1392.20	6.67	1385.53
IB-1	09/08/20	1392.20	7.92	1384.28
IB-1	11/09/20	1392.20	7.29	1384.91
IB-1	04/12/21	1392.20	6.01	1386.19
IB-1	06/28/21	1392.20	8.06	1384.14
IB-1	10/12/21	1392.20	7.35	1384.85
IB-1	04/11/22	1392.20	5.29	1386.91
IB-1	08/02/22	1392.20	7.84	1384.36
IB-1	10/10/22	1392.20	7.28	1384.92
IB-1	04/24/23	1392.20	6.87	1385.33
IB-1	08/07/23	1392.20	5.53	1386.67
IB-1	10/30/23	1392.20	4.68	1387.52
IB-1	04/08/24	1392.20	4.68	1387.52
IB-1	08/12/24	1392.20	5.67	1386.53
IB-1	11/11/24	1392.20	7.09	1385.11
IB-1	04/07/25	1392.20	4.97	1387.23
IB-1	08/04/25	1392.20	7.29	1384.91
IB-2	05/17/10	1391.06	6.19	1384.87
IB-2	06/30/10	1391.06	6.70	1384.36
IB-2	01/09/11	1391.06	6.00	1385.06
IB-2	03/21/11	1391.06	5.40	1385.66
IB-2	05/15/11	1391.06	6.20	1384.86
IB-2	10/09/11	1391.06	5.88	1385.18
IB-2	03/17/12	1391.06	5.91	1385.15
IB-2	09/10/12	1391.06	6.65	1384.41
IB-2	04/07/13	1391.06	5.87	1385.19
IB-2	10/28/13	1393.47	8.90	1384.57
IB-2	04/14/14	1393.47	7.19	1386.28
IB-2	06/02/14	1393.47	8.25	1385.22
IB-2	09/08/14	1393.47	9.58	1383.89
IB-2	11/17/14	1393.47	9.60	1383.87
IB-2	04/06/15	1393.47	6.61	1386.86
IB-2	06/22/15	1393.47	7.20	1386.27
IB-2	09/21/15	1393.47	9.01	1384.46
IB-2	11/16/15	1393.47	8.30	1385.17
IB-2	04/11/16	1393.47	4.25	1389.22
IB-2	06/20/16	1393.47	8.31	1385.16
IB-2	04/24/17	1393.47	6.92	1386.55
IB-2	06/19/17	1393.47	7.74	1385.73
IB-2	10/09/17	1393.47	8.93	1384.54
IB-2	04/18/18	1393.47	7.27	1386.20
IB-2	06/11/18	1393.47	7.67	1385.80
IB-2	09/24/18	1393.47	6.51	1386.96
IB-2	03/25/19	1393.47	7.33	1386.14
IB-2	06/10/19	1393.47	7.81	1385.66
IB-2	09/16/19	1393.47	8.90	1384.57
IB-2	04/14/20	1393.47	7.91	1385.56
IB-2	09/08/20	1393.47	9.18	1384.29
IB-2	11/09/20	1393.47	8.52	1384.95
IB-2	04/12/21	1393.47	7.27	1386.20
IB-2	06/28/21	1393.47	11.75	1381.72
IB-2	10/12/21	1393.47	8.59	1384.88
IB-2	04/11/22	1393.47	6.10	1387.37
IB-2	08/02/22	1393.47	8.94	1384.53
IB-2	10/10/22	1393.47	8.54	1384.93
IB-2	04/24/23	1393.47	8.11	1385.36
IB-2	08/07/23	1393.47	6.80	1386.67
IB-2	10/30/23	1393.47	4.43	1389.04
IB-2	04/08/24	1393.47	6.00	1387.47
IB-2	08/12/24	1393.47	6.48	1386.99
IB-2	11/11/24	1393.47	8.65	1384.83
IB-2	04/07/25	1393.47	6.16	1387.31
IB-2	08/04/25	1393.47	8.53	1384.94
IB-3	05/17/10	1390.44	6.98	1383.46
IB-3	06/30/10	1390.44	9.52	1380.92
IB-3	01/09/11	1390.44	4.50	1385.94

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
IB-3	03/21/11	1390.44	5.75	1384.69
IB-3	05/15/11	1390.44	6.15	1384.29
IB-3	10/09/11	1390.44	7.58	1382.86
IB-3	03/17/12	1390.44	8.22	1382.22
IB-3	09/10/12	1390.44	10.35	1380.09
IB-3	04/07/13	1390.44	10.68	1379.76
IB-3	10/28/13	1393.07	9.80	1383.27
IB-3	04/14/14	1393.07	10.13	1382.94
IB-3	06/02/14	1393.07	10.70	1382.37
IB-3	09/08/14	1393.07	11.30	1381.77
IB-3	11/17/14	1393.07	10.80	1382.27
IB-3	04/06/15	1393.07	12.43	1380.64
IB-3	06/22/15	1393.07	11.88	1381.19
IB-3	09/21/15	1393.07	12.03	1381.04
IB-3	11/16/15	1393.07	12.57	1380.50
IB-3	04/11/16	1393.07	12.86	1380.21
IB-3	06/20/16	1393.07	12.31	1380.76
IB-3	04/24/17	1393.07	10.07	1383.00
IB-3	06/19/17	1393.07	11.84	1381.23
IB-3	10/09/17	1393.07	11.77	1381.30
IB-3	04/18/18	1393.07	11.83	1381.24
IB-3	06/11/18	1393.07	11.60	1381.47
IB-3	09/24/18	1393.07	11.63	1381.44
IB-3	03/25/19	1393.07	10.93	1382.14
IB-3	06/10/19	1393.07	10.76	1382.31
IB-3	09/16/19	1393.07	10.82	1382.25
IB-3	04/14/20	1393.07	10.41	1382.66
IB-3	09/08/20	1393.07	10.44	1382.63
IB-3	11/09/20	1393.07	10.36	1382.71
IB-3	04/12/21	1393.07	11.23	1381.84
IB-3	06/28/21	1393.07	11.16	1381.91
IB-3	10/12/21	1393.07	11.45	1381.62
IB-3	04/11/22	1393.07	11.02	1382.05
IB-3	08/02/22	1393.07	11.34	1381.73
IB-3	10/10/22	1393.07	11.71	1381.36
IB-3	04/24/23	1393.07	10.05	1383.02
IB-3	08/07/23	1393.07	9.94	1383.13
IB-3	10/30/23	1393.07	9.96	1383.11
IB-3	04/08/24	1393.07	8.94	1384.13
IB-3	08/12/24	1393.07	9.25	1383.82
IB-3	11/11/24	1393.07	9.27	1383.80
IB-3	04/07/25	1393.07	9.13	1383.94
IB-3	08/04/25	1393.07	8.94	1384.13
IB-4	05/17/10	1390.87	6.19	1384.68
IB-4	05/18/10	1390.87	6.21	1384.66
IB-4	06/30/10	1390.87	6.41	1384.46
IB-4	08/03/10	1390.87	9.30	1381.57
IB-4	09/21/10	1390.87	13.41	1377.46
IB-4	01/09/11	1390.87	5.95	1384.92
IB-4	01/10/11	1390.87	6.00	1384.87
IB-4	03/21/11	1390.87	4.93	1385.94
IB-4	03/23/11	1390.87	4.96	1385.91
IB-4	05/15/11	1390.87	5.75	1385.12
IB-4	05/16/11	1390.87	6.00	1384.87
IB-4	06/22/11	1390.87	6.56	1384.31
IB-4	10/09/11	1390.87	5.35	1385.52
IB-4	12/05/11	1390.87	5.76	1385.11
IB-4	03/17/12	1390.87	5.92	1384.95
IB-4	03/20/12	1390.87	6.03	1384.84
IB-4	09/10/12	1390.87	7.41	1383.46
IB-4	09/11/12	1390.87	6.67	1384.20
IB-4	04/07/13	1390.87	5.46	1385.41
IB-4	10/28/13	1393.78	9.65	1384.13
IB-4	04/14/14	1393.78	6.54	1387.24
IB-4	06/02/14	1393.78	8.44	1385.34
IB-4	09/08/14	1393.78	10.10	1383.68
IB-4	11/17/14	1393.78	11.20	1382.58
IB-4	04/06/15	1393.78	6.74	1387.04
IB-4	06/22/15	1393.78	7.50	1386.28
IB-4	09/21/15	1393.78	9.40	1384.38
IB-4	11/16/15	1393.78	8.91	1384.87
IB-4	04/11/16	1393.78	5.29	1388.49
IB-4	06/20/16	1393.78	8.62	1385.16
IB-4	04/24/17	1393.78	7.22	1386.56
IB-4	06/19/17	1393.78	8.14	1385.64
IB-4	10/09/17	1393.78	9.24	1384.54
IB-4	04/18/18	1393.78	7.48	1386.30
IB-4	06/11/18	1393.78	7.99	1385.79
IB-4	09/24/18	1393.78	6.82	1386.96
IB-4	03/25/19	1393.78	7.60	1386.18
IB-4	06/10/19	1393.78	8.09	1385.69
IB-4	09/16/19	1393.78	9.18	1384.60
IB-4	04/14/20	1393.78	8.21	1385.57
IB-4	09/08/20	1393.78	9.62	1384.16
IB-4	11/09/20	1393.78	8.84	1384.94

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
IB-4	04/12/21	1393.78	7.54	1386.24
IB-4	06/28/21	1393.78	8.37	1385.41
IB-4	10/12/21	1393.78	8.87	1384.91
IB-4	04/11/22	1393.78	6.40	1387.38
IB-4	08/02/22	1393.78	9.20	1384.58
IB-4	10/10/22	1393.78	8.78	1385.00
IB-4	04/24/23	1393.78	8.46	1385.32
IB-4	08/07/23	1393.78	6.55	1387.23
IB-4	10/30/23	1393.78	5.95	1387.83
IB-4	04/08/24	1393.78	5.57	1388.21
IB-4	08/12/24	1393.78	6.56	1387.22
IB-4	11/11/24	1393.78	8.51	1385.27
IB-4	04/07/25	1393.78	6.48	1387.30
IB-4	08/04/25	1393.78	5.10	1388.68
IB-5	05/17/10	1391.40	7.58	1383.82
IB-5	06/30/10	1391.40	8.27	1383.13
IB-5	01/09/11	1391.40	7.50	1383.90
IB-5	03/21/11	1391.40	6.74	1384.66
IB-5	05/15/11	1391.40	6.75	1384.65
IB-5	10/09/11	1391.40	7.65	1383.75
IB-5	03/17/12	1391.40	8.11	1383.29
IB-5	09/10/12	1391.40	10.99	1380.41
IB-5	04/07/13	1391.40	9.19	1382.21
IB-5	10/28/13	1393.88	11.30	1382.58
IB-5	04/14/14	1393.88	11.38	1382.50
IB-5	06/02/14	1393.88	11.41	1382.47
IB-5	09/08/14	1393.88	12.10	1381.78
IB-5	11/17/14	1393.88	12.30	1381.58
IB-5	04/06/15	1393.88	13.15	1380.73
IB-5	06/22/15	1393.88	11.15	1382.73
IB-5	09/21/15	1393.88	11.35	1382.53
IB-5	11/16/15	1393.88	12.00	1381.88
IB-5	04/11/16	1393.88	11.44	1382.44
IB-5	06/20/16	1393.88	11.21	1382.67
IB-5	04/24/17	1393.88	10.61	1383.27
IB-5	06/19/17	1393.88	10.90	1382.98
IB-5	10/09/17	1393.88	11.51	1382.37
IB-5	04/18/18	1393.88	10.61	1383.27
IB-5	06/11/18	1393.88	10.64	1383.24
IB-5	09/24/18	1393.88	11.28	1382.60
IB-5	03/25/19	1393.88	10.60	1383.28
IB-5	06/10/19	1393.88	10.51	1383.37
IB-5	09/16/19	1393.88	11.56	1382.32
IB-5	04/14/20	1393.88	11.19	1382.69
IB-5	09/08/20	1393.88	15.40	1378.48
IB-5	11/09/20	1393.88	16.02	1377.86
IB-5	04/12/21	1393.88	11.62	1382.26
IB-5	06/28/21	1393.88	11.97	1381.91
IB-5	10/12/21	1393.88	14.74	1379.14
IB-5	04/11/22	1393.88	8.59	1385.29
IB-5	08/02/22	1393.88	11.84	1382.04
IB-5	10/10/22	1393.88	11.96	1381.92
IB-5	04/24/23	1393.88	10.03	1383.85
IB-5	08/07/23	1393.88	10.75	1383.13
IB-5	10/30/23	1393.88	10.40	1383.48
IB-5	04/08/24	1393.88	8.73	1385.15
IB-5	08/12/24	1393.88	9.80	1384.08
IB-5	11/11/24	1393.88	12.02	1381.86
IB-5	04/07/25	1393.88	8.08	1385.80
IB-5	08/04/25	1393.88	10.91	1382.97
IB-6	05/17/10	1390.62	5.78	1384.84
IB-6	06/30/10	1390.62	6.26	1384.36
IB-6	01/09/11	1390.62	5.65	1384.97
IB-6	03/21/11	1390.62	5.04	1385.58
IB-6	05/15/11	1390.62	5.70	1384.92
IB-6	10/09/11	1390.62	5.35	1385.27
IB-6	03/17/12	1390.62	5.47	1385.15
IB-6	09/10/12	1390.62	6.20	1384.42
IB-6	04/07/13	1390.62	5.39	1385.23
IB-6	10/28/13	1393.05	8.33	1384.72
IB-6	04/14/14	1393.05	6.60	1386.45
IB-6	06/02/14	1393.05	7.84	1385.21
IB-6	09/08/14	1393.05	8.90	1384.15
IB-6	11/17/14	1393.05	8.70	1384.35
IB-6	04/07/15	1393.05	5.90	1387.15
IB-6	06/22/15	1393.05	6.54	1386.51
IB-6	09/21/15	1393.05	8.57	1384.48
IB-6	11/16/15	1393.05	7.77	1385.28
IB-6	04/11/16	1393.05	7.15	1385.90
IB-6	06/20/16	1393.05	7.86	1385.19
IB-6	04/24/17	1393.05	6.49	1386.56
IB-6	06/19/17	1393.05	7.30	1385.75
IB-6	10/09/17	1393.05	8.41	1384.64
IB-6	04/18/18	1393.05	6.78	1386.27
IB-6	06/11/18	1393.05	7.30	1385.75

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
IB-6	09/24/18	1393.05	6.18	1386.87
IB-6	03/25/19	1393.05	6.91	1386.14
IB-6	06/10/19	1393.05	7.40	1385.65
IB-6	09/16/19	1393.05	8.47	1384.58
IB-6	04/14/20	1393.05	7.51	1385.54
IB-6	09/08/20	1393.05	8.85	1384.20
IB-6	11/09/20	1393.05	8.11	1384.94
IB-6	04/12/21	1393.05	6.84	1386.21
IB-6	06/28/21	1393.05	7.78	1385.27
IB-6	10/12/21	1393.05	8.15	1384.90
IB-6	02/10/22	1393.05	7.30	1385.75
IB-6	04/11/22	1393.05	5.88	1387.17
IB-6	08/02/22	1393.05	8.53	1384.52
IB-6	10/10/22	1393.05	8.15	1384.90
IB-6	04/24/23	1393.05	7.78	1385.27
IB-6	08/07/23	1393.05	6.15	1386.90
IB-6	10/30/23	1393.05	5.48	1387.57
IB-6	04/08/24	1393.05	5.45	1387.60
IB-6	08/12/24	1393.05	6.56	1386.49
IB-6	11/11/24	1393.05	7.89	1385.17
IB-6	04/07/25	1393.05	5.79	1387.26
IB-6	08/04/25	1393.05	8.10	1384.95
IB-7	05/17/10	1390.52	5.64	1384.88
IB-7	05/18/10	1390.52	5.68	1384.84
IB-7	06/30/10	1390.52	6.18	1384.34
IB-7	08/03/10	1390.52	8.55	1381.97
IB-7	09/21/10	1390.52	11.21	1379.31
IB-7	11/08/10	1390.52	5.01	1385.51
IB-7	01/09/11	1390.52	5.50	1385.02
IB-7	01/10/11	1390.52	5.45	1385.07
IB-7	03/21/11	1390.52	4.91	1385.61
IB-7	03/23/11	1390.52	4.85	1385.67
IB-7	05/15/11	1390.52	5.60	1384.92
IB-7	05/16/11	1390.52	5.80	1384.72
IB-7	06/22/11	1390.52	6.15	1384.37
IB-7	10/09/11	1390.52	5.33	1385.19
IB-7	12/05/11	1390.52	5.24	1385.28
IB-7	03/17/12	1390.52	5.36	1385.16
IB-7	03/20/12	1390.52	5.49	1385.03
IB-7	09/10/12	1390.52	6.15	1384.37
IB-7	09/11/12	1390.52	6.05	1384.47
IB-7	04/07/13	1390.52	5.28	1385.24
IB-7	10/28/13	1393.23	8.50	1384.73
IB-7	10/29/13	1393.23	8.60	1384.63
IB-7	04/14/14	1393.23	6.85	1386.38
IB-7	04/16/14	1393.23	6.78	1386.45
IB-7	06/02/14	1393.23	8.00	1385.23
IB-7	06/05/14	1393.23	8.15	1385.08
IB-7	09/08/14	1393.23	8.85	1384.38
IB-7	11/18/14	1393.23	9.25	1383.98
IB-7	04/07/15	1393.23	6.50	1386.73
IB-7	06/22/15	1393.23	6.70	1386.53
IB-7	09/21/15	1393.23	8.81	1384.42
IB-7	11/16/15	1393.23	8.01	1385.22
IB-7	04/11/16	1393.23	10.54	1382.69
IB-7	06/20/16	1393.23	8.04	1385.19
IB-7	09/22/16	1393.23	8.93	1384.30
IB-7	04/24/17	1393.23	6.66	1386.57
IB-7	06/19/17	1393.23	7.48	1385.75
IB-7	10/09/17	1393.23	8.64	1384.59
IB-7	04/18/18	1393.23	6.97	1386.26
IB-7	06/11/18	1393.23	7.49	1385.74
IB-7	09/24/18	1393.23	6.35	1386.88
IB-7	03/25/19	1393.23	7.03	1386.20
IB-7	06/10/19	1393.23	7.55	1385.68
IB-7	09/16/19	1393.23	8.64	1384.59
IB-7	04/14/20	1393.23	7.67	1385.56
IB-7	09/08/20	1393.23	8.92	1384.31
IB-7	11/09/20	1393.23	8.24	1384.99
IB-7	04/12/21	1393.23	7.02	1386.21
IB-7	06/28/21	1393.23	7.84	1385.39
IB-7	10/12/21	1393.23	8.31	1384.92
IB-7	02/10/22	1393.23	7.46	1385.77
IB-7	04/11/22	1393.23	6.04	1387.19
IB-7	08/02/22	1393.23	8.70	1384.53
IB-7	10/10/22	1393.23	8.30	1384.93
IB-7	04/24/23	1393.23	7.89	1385.34
IB-7	08/07/23	1393.23	6.37	1386.86
IB-7	10/30/23	1393.23	5.94	1387.29
IB-7	04/08/24	1393.23	5.45	1387.78
IB-7	08/12/24	1393.23	6.67	1386.56
IB-7	11/11/24	1393.23	7.51	1385.72
IB-7	04/07/25	1393.23	5.63	1387.60
IB-7	08/04/25	1393.23	8.01	1385.22
IB-8	05/17/10	1390.70	6.55	1384.15

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
IB-8	06/30/10	1390.70	6.74	1383.96
IB-8	01/09/11	1390.70	6.10	1384.60
IB-8	03/21/11	1390.70	7.00	1383.70
IB-8	05/15/11	1390.70	7.63	1383.07
IB-8	10/09/11	1390.70	7.88	1382.82
IB-8	03/17/12	1390.70	7.87	1382.83
IB-8	09/10/12	1390.70	12.51	1378.19
IB-8	04/07/13	1390.70	5.80	1384.90
IB-8	10/28/13	1393.43	10.15	1383.28
IB-8	04/14/14	1393.43	10.40	1383.03
IB-8	09/08/14	1393.43	12.15	1381.28
IB-8	11/17/14	1393.43	9.60	1383.83
IB-8	04/07/15	1393.43	12.70	1380.73
IB-8	06/22/15	1393.43	11.25	1382.18
IB-8	09/21/15	1393.43	11.82	1381.61
IB-8	11/16/15	1393.43	13.09	1380.34
IB-8	04/11/16	1393.43	13.17	1380.26
IB-8	06/20/16	1393.43	12.83	1380.60
IB-8	04/24/17	1393.43	11.67	1381.76
IB-8	06/19/17	1393.43	11.44	1381.99
IB-8	10/09/17	1393.43	11.95	1381.48
IB-8	04/18/18	1393.43	11.64	1381.79
IB-8	06/11/18	1393.43	11.16	1382.27
IB-8	09/24/18	1393.43	10.46	1382.97
IB-8	03/25/19	1393.43	9.90	1383.53
IB-8	06/10/19	1393.43	9.85	1383.58
IB-8	09/16/19	1393.43	10.09	1383.34
IB-8	04/14/20	1393.43	9.34	1384.09
IB-8	09/08/20	1393.43	10.16	1383.27
IB-8	11/09/20	1393.43	11.44	1381.99
IB-8	04/12/21	1393.43	9.01	1384.42
IB-8	06/28/21	1393.43	9.06	1384.37
IB-8	10/12/21	1393.43	9.46	1383.97
IB-8	04/11/22	1393.43	8.29	1385.14
IB-8	08/02/22	1393.43	9.43	1384.00
IB-8	10/10/22	1393.43	10.04	1383.39
IB-8	04/24/23	1393.43	8.02	1385.41
IB-8	08/07/23	1393.43	8.35	1385.08
IB-8	10/30/23	1393.43	8.88	1384.55
IB-8	04/08/24	1393.43	6.87	1386.56
IB-8	08/12/24	1393.43	8.51	1384.92
IB-8	11/11/24	1393.43	9.25	1384.18
IB-8	04/07/25	1393.43	7.04	1386.39
IB-8	08/04/25	1393.43	7.88	1385.55
IB-9	05/17/10	1390.92	9.20	1381.72
IB-9	06/30/10	1390.92	7.66	1383.26
IB-9	01/09/11	1390.92	7.30	1383.62
IB-9	03/21/11	1390.92	6.12	1384.80
IB-9	05/15/11	1390.92	6.00	1384.92
IB-9	10/09/11	1390.92	6.84	1384.08
IB-9	03/17/12	1390.92	7.30	1383.62
IB-9	04/07/13	1390.92	6.60	1384.32
IB-9	10/28/13	1393.62	8.90	1384.72
IB-9	04/14/14	1393.62	7.22	1386.40
IB-9	06/02/14	1393.62	8.37	1385.25
IB-9	09/08/14	1393.62	9.35	1384.27
IB-9	11/17/14	1393.62	10.40	1383.22
IB-9	04/07/15	1393.62	6.50	1387.12
IB-9	06/22/15	1393.62	7.10	1386.52
IB-9	09/21/15	1393.62	9.22	1384.40
IB-9	11/16/15	1393.62	8.39	1385.23
IB-9	04/11/16	1393.62	7.32	1386.30
IB-9	06/20/16	1393.62	8.43	1385.19
IB-9	04/24/17	1393.62	7.06	1386.56
IB-9	06/19/17	1393.62	7.88	1385.74
IB-9	10/09/17	1393.62	9.03	1384.59
IB-9	04/18/18	1393.62	7.34	1386.28
IB-9	06/11/18	1393.62	7.88	1385.74
IB-9	09/24/18	1393.62	6.73	1386.89
IB-9	03/25/19	1393.62	7.46	1386.16
IB-9	06/10/19	1393.62	7.95	1385.67
IB-9	09/16/19	1393.62	9.03	1384.59
IB-9	04/14/20	1393.62	8.06	1385.56
IB-9	09/08/20	1393.62	9.42	1384.20
IB-9	11/09/20	1393.62	8.61	1385.01
IB-9	04/12/21	1393.62	7.41	1386.21
IB-9	06/28/21	1393.62	8.25	1385.37
IB-9	10/12/21	1393.62	8.71	1384.91
IB-9	04/11/22	1393.62	6.32	1387.30
IB-9	08/02/22	1393.62	9.04	1384.58
IB-9	10/10/22	1393.62	8.64	1384.98
IB-9	04/24/23	1393.62	8.28	1385.34
IB-9	08/07/23	1393.62	6.45	1387.17
IB-9	10/30/23	1393.62	6.07	1387.55
IB-9	04/08/24	1393.62	5.98	1387.64

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
IB-9	08/12/24	1393.62	7.04	1386.58
IB-9	11/11/24	1393.62	8.46	1385.16
IB-9	04/07/25	1393.62	6.33	1387.29
IB-9	08/04/25	1393.62	8.68	1384.94
RP-13-885	05/17/10	1266.48	1.79	1264.69
RP-13-885	09/23/10	1266.48	6.45	1260.03
RP-13-885	03/21/11	1266.48	2.14	1264.34
RP-13-885	05/15/11	1266.48	1.66	1264.82
RP-13-885	05/18/11	1266.48	10.32	1256.16
RP-13-885	10/09/11	1266.48	1.48	1265.00
RP-13-885	10/12/11	1266.48	3.68	1262.80
RP-13-885	03/17/12	1266.48	1.61	1264.87
RP-13-885	03/22/12	1266.48	7.40	1259.08
RP-13-885	09/10/12	1266.48	6.05	1260.43
RP-13-885	04/08/13	1266.48	1.91	1264.57
RP-13-885	10/31/13	1266.48	8.00	1258.48
RP-13-885	04/14/14	1266.48	1.68	1264.80
RP-13-885	06/02/14	1266.48	2.95	1263.53
RP-13-885	09/08/14	1266.48	1.67	1264.81
RP-13-885	04/07/15	1266.48	1.25	1265.23
RP-13-885	09/22/15	1266.48	4.05	1262.43
RP-13-885	06/21/16	1266.48	5.53	1260.95
RP-9-380	05/17/10	1240.73	2.15	1238.58
RP-9-380	09/22/10	1240.73	7.98	1232.75
RP-9-380	03/21/11	1240.73	2.19	1238.54
RP-9-380	05/15/11	1240.73	2.03	1238.70
RP-9-380	10/09/11	1240.73	4.91	1235.82
RP-9-380	03/17/12	1240.73	2.24	1238.49
RP-9-380	03/22/12	1240.73	15.31	1225.42
RP-9-380	09/13/12	1240.73	14.90	1225.83
RP-9-380	09/13/12	1240.73	14.90	1225.83
RP-9-380	04/08/13	1240.73	2.26	1238.47
RP-9-380	10/31/13	1240.73	14.00	1226.73
RP-9-380	04/14/14	1240.73	1.69	1239.04
RP-9-380	06/02/14	1240.73	2.23	1238.50
RP-9-380	09/08/14	1240.73	1.47	1239.26
RP-9-380	04/07/15	1240.73	4.90	1235.83
RP-9-380	09/21/15	1240.73	0.60	1240.13
RP-9-380	06/21/16	1240.73	6.40	1234.33

TABLE C.1
Summary of Groundwater Elevations
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Measurement Date	Reference Elevation (ft amsl)	Depth to Water (ft ref. pt.)	Water Level Elevation (ft amsl)
IB-9	04/07/15	1393.62	6.50	1387.12
IB-9	06/22/15	1393.62	7.10	1386.52
IB-9	09/21/15	1393.62	9.22	1384.40
IB-9	11/16/15	1393.62	8.39	1385.23
IB-9	04/11/16	1393.62	7.32	1386.30
IB-9	06/20/16	1393.62	8.43	1385.19
IB-9	04/24/17	1393.62	7.06	1386.56
IB-9	06/19/17	1393.62	7.88	1385.74
IB-9	10/09/17	1393.62	9.03	1384.59
IB-9	04/18/18	1393.62	7.34	1386.28
IB-9	06/11/18	1393.62	7.88	1385.74
IB-9	09/24/18	1393.62	6.73	1386.89
IB-9	03/25/19	1393.62	7.46	1386.16
IB-9	06/10/19	1393.62	7.95	1385.67
IB-9	09/16/19	1393.62	9.03	1384.59
IB-9	04/14/20	1393.62	8.06	1385.56
IB-9	09/08/20	1393.62	9.42	1384.20
IB-9	11/09/20	1393.62	8.61	1385.01
IB-9	04/12/21	1393.62	7.41	1386.21
IB-9	06/28/21	1393.62	8.25	1385.37
IB-9	10/12/21	1393.62	8.71	1384.91
IB-9	04/11/22	1393.62	6.32	1387.30
IB-9	08/02/22	1393.62	9.04	1384.58
IB-9	10/10/22	1393.62	8.64	1384.98
IB-9	04/24/23	1393.62	8.28	1385.34
IB-9	08/07/23	1393.62	6.45	1387.17
IB-9	10/30/23	1393.62	6.07	1387.55
IB-9	04/08/24	1393.62	5.98	1387.64
IB-9	08/12/24	1393.62	7.04	1386.58
IB-9	11/11/24	1393.62	8.46	1385.16
IB-9	04/07/25	1393.62	6.33	1387.29
IB-9	08/04/25	1393.62	8.68	1384.94
RP-13-885	05/17/10	1266.48	1.79	1264.69
RP-13-885	09/23/10	1266.48	6.45	1260.03
RP-13-885	03/21/11	1266.48	2.14	1264.34
RP-13-885	05/15/11	1266.48	1.66	1264.82
RP-13-885	05/18/11	1266.48	10.32	1256.16
RP-13-885	10/09/11	1266.48	1.48	1265.00
RP-13-885	10/12/11	1266.48	3.68	1262.80
RP-13-885	03/17/12	1266.48	1.61	1264.87
RP-13-885	03/22/12	1266.48	7.40	1259.08
RP-13-885	09/10/12	1266.48	6.05	1260.43
RP-13-885	04/08/13	1266.48	1.91	1264.57
RP-13-885	10/31/13	1266.48	8.00	1258.48
RP-13-885	04/14/14	1266.48	1.68	1264.80
RP-13-885	06/02/14	1266.48	2.95	1263.53
RP-13-885	09/08/14	1266.48	1.67	1264.81
RP-13-885	04/07/15	1266.48	1.25	1265.23
RP-13-885	09/22/15	1266.48	4.05	1262.43
RP-13-885	06/21/16	1266.48	5.53	1260.95
RP-9-380	05/17/10	1240.73	2.15	1238.58
RP-9-380	09/22/10	1240.73	7.98	1232.75
RP-9-380	03/21/11	1240.73	2.19	1238.54
RP-9-380	05/15/11	1240.73	2.03	1238.70
RP-9-380	10/09/11	1240.73	4.91	1235.82
RP-9-380	03/17/12	1240.73	2.24	1238.49
RP-9-380	03/22/12	1240.73	15.31	1225.42
RP-9-380	09/13/12	1240.73	14.90	1225.83
RP-9-380	09/13/12	1240.73	14.90	1225.83
RP-9-380	04/08/13	1240.73	2.26	1238.47
RP-9-380	10/31/13	1240.73	14.00	1226.73
RP-9-380	04/14/14	1240.73	1.69	1239.04
RP-9-380	06/02/14	1240.73	2.23	1238.50
RP-9-380	09/08/14	1240.73	1.47	1239.26
RP-9-380	04/07/15	1240.73	4.90	1235.83
RP-9-380	09/21/15	1240.73	0.60	1240.13
RP-9-380	06/21/16	1240.73	6.40	1234.33

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Notes:

1. Definitions:
   A sample type of "N" indicates normal environmental sample.
   A sample type of "FD" indicates field duplicate sample.
   “--“ indicates the compounds were not analyzed for in that particular sample.
   “<” indicates the result was below the analytical detection limit.
   ">" indicates the value in greater than the calibration range of the instrument.

2. Where there are multiple results for a given analyte and sample, both values are shown in a given cell.

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
A-4	04/16/14	N	0.36	6.69	2,525	7	>1,000
A-8	11/15/21	N	0.02	5.27	4,238	12.06	--
A-9	11/15/21	N	1.86	5.56	4,572	12.39	--
A-10	11/15/21	N	1.73	5.58	4,661	12.36	--
A-13	10/30/13	N	0.17	6.28	379	10.8	4.34
A-13	04/17/14	N	0.28	6.52	473	6.95	>1,000
A-13	06/05/14	N	0.29	5.99	443	11.43	313
A-13	09/09/14	N	1.1	6.12	964	14.76	126
A-13	11/18/14	N	0.59	6.13	561	8.63	100
A-13	11/01/23	N	0.03	6.74	1,115	10.5	90.8
A-13	04/10/24	N	0.64	6.51	592.3	9.9	34.3
A-13	08/15/24	N	1.02	6.72	1,186	13.7	276
A-13	11/13/24	N	--	7.52	1,539	8.9	18.5
A-13	04/09/25	N	0.38	7.43	883	2.9	233
A-13	08/06/25	N	1.27	7.04	1,035	15	90.4
A-13	11/19/25	N	0.3	7.11	1,323	8.9	6.95
B-1	06/05/14	N	5.76	7.11	402	7.77	34.4
B-2	06/05/14	N	0.68	7.12	372	7.48	14.7
B-3	06/05/14	N	0.46	6.84	425	7.6	--
B-4	10/30/13	N	2.16	8.34	420.8	11.4	8.27
B-4	04/15/14	N	2.55	8.1	401	9.5	8.14
B-4	06/05/14	N	0.86	7.65	485	7.83	17.8
B-4	09/10/14	N	10.8	5.44	1,698	13.83	>1,000
B-4	11/18/14	N	1.85	5.51	2,250	9.56	>1,000
B-4	11/19/25	N	0.29	6.86	7,940	9.2	1,000
B-5	06/05/14	N	0.51	6.47	588	7.8	17.3
B-6	06/05/14	N	0.33	6.92	623	7.69	27.6
B-7	10/30/13	N	4.65	8.21	491.4	10.2	1.76
B-7	04/15/14	N	0.21	7.3	662	6.62	28.2
B-7	06/05/14	N	0.72	7.65	691	7.11	7.28
B-7	09/10/14	N	2.01	6.11	3,065	14.78	>1,000
B-7	11/18/14	N	0.68	5.44	3,451	8.22	>1,000
B-7	04/15/20	N	0.23	6.41	800	7.16	14
B-7	09/10/20	N	0.9	8.35	890	16.41	16.1
B-7	11/10/20	N	0.33	5.45	1,398	13.81	1,000
B-7	04/14/21	N	0.29	5.32	2,336	12.31	1,000
B-7	04/13/22	N	0.37	5.04	3,528	7.1	1,000
B-7	08/03/22	N	0.33	5.14	2,513	15.8	1,000
B-7	10/12/22	N	0.76	5.22	3,719	14.42	1,000
B-7	04/26/23	N	0.34	5.16	404.4	7.96	1,000
B-7	08/09/23	N	0.48	5.22	4,037	15.96	1,000
B-7	10/31/23	N	3.85	5.04	4,192	9.8	1,000
B-7	04/10/24	N	1.52	5.1	3,724	9.6	61.1
B-7	08/15/24	N	5.73	5.22	3,925	12.5	44.5
B-7	11/13/24	N	--	5.14	4,366	8.6	38.3
B-7	04/08/25	N	0.23	5.16	3,798	5.2	26.7
B-7	08/06/25	N	0.4	5.44	3,692	16.5	26.7
B-7	11/18/25	N	0.37	5.23	3,731	9.8	34.6
B-8	06/05/14	N	6.22	8.27	488	7.66	6.32
B-9	06/05/14	N	2.11	7.75	540	7.54	5.83
B-9	09/10/14	N	2.28	6.8	1,499	14.83	>1,000
B-9	11/18/14	N	0.35	6.05	1,005	9.56	>1,000
B-10	06/05/14	N	0.58	7.37	421	7.57	4.97
B-11	06/05/14	N	0.33	8.06	290	7.98	6.86
B-12	06/05/14	N	0.31	8.03	303	7.62	--
B-13	06/05/14	N	0.41	7.49	209	7.86	6.59
BP-1	09/10/12	N	1.54	6.81	1,344	16.81	21
BP-1A	01/12/11	N	5.03	6.94	2,312	9.19	--
BP-1A	03/22/11	N	0.39	7.04	2,314	7.3	--
BP-1A	05/18/11	N	1.24	6.94	2,531	6.9	--
BP-1A	06/22/11	N	3.64	7.14	2,724	8.29	--
BP-1A	09/11/12	N	9.38	7.11	3,313	14.57	242
BP-1A	04/10/13	N	1.9	7.16	1,919	7.8	250
BP-1A	10/30/13	N	7.11	7.12	2,216	11.27	4.17
BP-1A	04/16/14	N	0.77	7.12	1,879	5.6	4.6
BP-1A	06/04/14	N	4.89	6.95	2,192	11.13	0.36
BP-1A	09/09/14	N	5.73	6.95	2,381	15.4	2.31
BP-1A	11/20/14	N	7.57	5.96	2,240	11.26	30
BP-1A	04/09/15	N	1.36	7.28	1,752	5.56	1.42
BP-1A	06/24/15	N	1.17	6.85	2,136	12.6	1.44

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-1A	09/23/15	N	6.38	7.29	2,535	14.3	4.45
BP-1A	11/18/15	N	5.76	7.31	2,858	10.5	0.2
BP-1A	04/12/16	N	1.66	7.24	2,037	7.29	3.73
BP-1A	06/21/16	N	6.57	7.19	2,351	16.36	1.22
BP-1A	09/21/16	N	6.81	7.76	2,854	21.49	2.3
BP-1A	04/25/17	N	0.71	6.92	2,149	9.79	2.02
BP-1A	06/20/17	N	0.63	7.1	2,737	14.77	2.31
BP-1A	10/11/17	N	10.79	7.22	2,650	14.5	1.11
BP-1A	04/18/18	N	0.63	7.37	2,280	5.47	3.2
BP-1A	06/13/18	N	0.13	7.01	2,403	13.4	2.5
BP-1A	09/26/18	N	0.89	6.99	2,609	17.6	2
BP-1A	03/27/19	N	0.4	7.03	1,850	6.9	1.55
BP-1A	06/12/19	N	5.31	7.12	1,969	11.8	0.4
BP-1A	09/17/19	N	5.96	7.22	2,331	16.33	0.99
BP-1A	04/14/20	N	0.34	7.18	2,331	7.22	0.25
BP-1A	09/09/20	N	8.93	6.95	2,900	16.25	2.55
BP-1A	11/11/20	N	3.33	7.18	2,901	14.63	3.24
BP-1A	04/13/21	N	0.58	7.12	2,375	10.64	0.5
BP-1A	06/30/21	N	3.75	6.42	2,524	19.3	1.47
BP-1A	10/13/21	N	3.74	7.21	2,408	17.11	1.08
BP-1A	04/13/22	N	0.06	7.03	2,546	9.9	0.86
BP-1A	08/02/22	N	6.01	7.23	2,869	16.1	0.95
BP-1A	10/12/22	N	5.68	7.07	2,940	12.3	3.23
BP-1A	04/26/23	N	1.4	7.08	2,808	7.6	0.66
BP-1A	08/09/23	N	0.5	7.05	2,972	14.65	0.37
BP-1A	11/01/23	N	0.87	7.02	2,760	9.4	0.47
BP-1A	04/10/24	N	0.24	7.02	2,342	9.7	4.56
BP-1A	08/14/24	N	0.41	7.06	2,803	15.7	0.91
BP-1A	11/12/24	N	3.79	7.71	2,831	11.5	3.21
BP-1A	04/09/25	N	0.26	7.03	2,652	7.2	1.08
BP-1A	08/06/25	N	5.24	7.22	2,196	20.4	7.91
BP-1A	11/18/25	N	1.58	7.4	3,252	10.9	1.31
BP-2	01/12/11	N	1.46	7.33	1,404	9.8	--
BP-2	05/16/11	N	4.22	7.29	1,138	10.02	4.1
BP-2A	09/23/10	N	8.61	7.27	310	14.58	720
BP-2A	01/10/11	N	2.41	6.99	670	8.36	--
BP-2A	01/12/11	N	2.4	7.17	625	1.89	10.3
BP-2A	03/22/11	N	10.54	6.98	293	3.19	8.56
BP-2A	03/23/11	N	6.68	7.01	491	5.84	--
BP-2A	05/16/11	N	1.35	6.98	614	9.44	10.4
BP-2A	05/18/11	N	3.87	6.97	617	6.85	--
BP-2A	06/20/11	N	0.62	6.85	593	14.07	3.39
BP-2A	06/21/11	N	3.65	7.13	498	9.48	--
BP-2A	10/10/11	N	0.76	6.91	713	18.35	10.6
BP-2A	03/20/12	N	1.03	7.09	569	10.99	12.9
BP-2A	09/10/12	N	2.35	6.8	432	17.54	3.21
BP-2A	04/09/13	N	1.39	7.23	611	8.7	2.8
BP-2A	10/29/13	N	1.17	6.35	515	10.05	9.4
BP-2A	04/16/14	N	0.77	6.38	841.1	3.3	9.01
BP-2A	06/04/14	N	0.6	6.32	734	13.95	0.42
BP-2A	09/09/14	N	0.31	5.93	773	16.1	1.64
BP-2A	11/18/14	N	0.81	6.26	806	7.67	0.94
BP-2A	04/08/15	N	0.43	6.48	985	5.4	12.6
BP-2A	06/24/15	N	0.32	6.05	949	12.9	2.6
BP-2A	09/22/15	N	0.25	6.26	863	15.3	0.95
BP-2A	11/16/15	N	0.26	5.35	943	12.7	1.33
BP-2A	04/12/16	N	0.59	6.86	1,059	7.37	3.47
BP-2A	06/21/16	N	0.28	6.47	709	14.87	2.41
BP-2A	09/21/16	N	1.66	6.62	949	16.98	1.22
BP-2A	04/25/17	N	0.26	6.97	927	9.49	0.69
BP-2A	06/20/17	N	0.26	6.71	807	15.63	3.33
BP-2A	10/11/17	N	2.8	6.35	918	14.59	1.94
BP-2A	04/18/18	N	0.49	6.7	881	4.76	1.7
BP-2A	06/13/18	N	0.11	6.75	838	14.6	1.18
BP-2A	09/26/18	N	0.94	6.81	1,025	17.2	1.5
BP-2A	03/27/19	N	0.23	6.72	8.45	7.62	1.91
BP-2A	06/12/19	N	0.39	6.86	820	13.6	1.2
BP-2A	09/17/19	N	0.59	6.52	866	16.44	1.95
BP-2A	04/14/20	N	0.27	6.77	1,060	7.75	1.18
BP-2A	09/09/20	N	2.91	6.06	1,155	17.25	9.43
BP-2A	11/11/20	N	1.15	6.58	1,278	14.82	2.63

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-2A	04/13/21	N	1.13	6.79	1,045	10.01	3.47
BP-2A	06/29/21	N	3.22	6.24	1,029	14.5	1.89
BP-2A	10/13/21	N	3.89	6.83	1,040	16.75	3.56
BP-2A	11/15/21	N	0.01	6.68	1,207	12.73	--
BP-2A	04/13/22	N	0.37	6.93	978	5.7	23.7
BP-2A	08/02/22	N	7.18	6.54	1,036	19.9	2.44
BP-2A	10/12/22	N	0.74	6.55	1,361	15.6	75.9
BP-2A	04/26/23	N	0.96	7.09	1,286	7.3	5.35
BP-2A	08/09/23	N	0.99	6.61	928	16.3	1.78
BP-2A	11/01/23	N	0.38	6.63	1,275	10.5	1.35
BP-2A	04/10/24	N	0.16	6.39	490.8	7.2	1.35
BP-2A	08/14/24	N	0.14	6.84	1,075	15.3	7
BP-2A	11/14/24	N	2.85	6.49	1,377	9.2	37.5
BP-2A	04/09/25	N	0.19	7.07	1,001	6.4	3.41
BP-2A	11/18/25	N	0.32	6.9	1,071	10.8	11.6
BP-3	09/21/10	N	1.12	6.34	1,849	17.05	3.39
BP-3	01/12/11	N	0.27	6.59	11,697	3.69	5.66
BP-3	01/13/11	N	-0.14	6.62	11,361	9.78	--
BP-3	03/22/11	N	0.66	6.6	10,246	7.46	2.11
BP-3	03/23/11	N	0	6.63	9,705	9.78	--
BP-3	05/16/11	N	0.09	6.68	9,712	10.99	0.08
BP-3	06/20/11	N	0.03	6.61	12,349	14.8	1.87
BP-3	06/21/11	N	2.25	6.68	1,081	9.65	--
BP-3	10/10/11	N	-0.32	6.38	15,281	13.84	5.27
BP-3	03/20/12	N	0.45	6.41	10,430	10.57	1.14
BP-3	09/10/12	N	0.13	6.52	2,038	15.72	2.39
BP-3	04/09/13	N	0.07	6.65	1,258	19.76	6.11
BP-4	09/21/10	N	3.7	7.26	1,607	23.84	4.87
BP-4	01/10/11	N	1.73	7.06	1,368	4.61	2.65
BP-4	01/11/11	N	1	7.78	1,164	10.6	--
BP-4	03/22/11	N	2.17	7.21	1,293	5.38	2.37
BP-4	05/16/11	N	1.64	7.19	1,326	10.74	4.02
BP-4	06/20/11	N	1.47	7.32	1,320	18.19	2.16
BP-4	10/10/11	N	0.63	6.57	1,151	16.2	1.79
BP-4	03/20/12	N	1.33	7.02	1,020	10.71	6.47
BP-4	09/11/12	N	0.85	7.21	1,187	19.77	17.7
BP-4	04/09/13	N	2.7	7.24	1,026	10.63	5.68
BP-4A	05/18/10	N	1.1	7.23	728	9.61	2.87
BP-4A	06/30/10	N	1.82	7.39	785	15.39	6.62
BP-4A	08/03/10	N	9.77	7.35	793	23.36	6.97
BP-4A	09/22/10	N	6.19	7.1	645	16.8	26.9
BP-4A	11/08/10	N	3.79	6.95	639	7.89	4.5
BP-4A	01/10/11	N	3.47	7.36	638	5.25	7.29
BP-4A	01/12/11	N	4.84	7.3	637	9.61	--
BP-4A	03/22/11	N	0.87	7.2	592	3.77	0.77
BP-4A	03/23/11	N	0.72	7.33	597	7.23	--
BP-4A	05/16/11	N	0.69	7.16	607	9.47	2.48
BP-4A	05/18/11	N	0.37	<15.72	5.87	7.17	--
BP-4A	06/20/11	N	0.74	7.16	608	13.76	2.26
BP-4A	06/21/11	N	1.26	7.42	627	8.59	--
BP-4A	10/10/11	N	0.94	6.73	631	16.52	2.76
BP-4A	12/05/11	N	1.13	7.37	588	10.8	4.82
BP-4A	03/20/12	N	2.37	7.27	518	13.27	5.99
BP-4A	04/09/13	N	1.19	7.5	572	8.01	2.46
BP-4A	10/30/13	N	1.67	7.31	567	11.82	3.73
BP-4A	04/16/14	N	1.73	7.57	479	4.59	9.45
BP-4A	06/04/14	N	0.95	7.41	591	10.01	1.35
BP-4A	09/09/14	N	6.59	7.51	1,362	14.39	1.66
BP-4A	11/18/14	N	2.03	7.27	715	10.43	1.46
BP-4A	04/09/15	N	0.22	7.63	586	6.26	0.52
BP-4A	06/24/15	N	0.17	7.16	620	12.8	0.73
BP-4A	09/22/15	N	0.37	6.86	708	15.65	1.07
BP-4A	11/16/15	N	0.58	7.13	785	12.55	1.08
BP-4A	04/13/16	N	0.97	7.6	466	6.33	0.34
BP-4A	06/21/16	N	0.16	7.42	559	16.3	0.98
BP-4A	09/21/16	N	1	7.43	725	15.3	0.53
BP-4A	04/25/17	N	0.32	7.4	727	10.32	0.25
BP-4A	06/20/17	N	1.07	7.45	646	13.27	1.19
BP-4A	10/11/17	N	0.92	7.34	706	14.02	0.97
BP-4A	04/17/18	N	0.28	6.89	685	4.9	0.7
BP-4A	06/12/18	N	0.63	7.48	689	14.2	0.94

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-4A	09/26/18	N	0.46	7.35	788	16.7	0.3
BP-4A	03/27/19	N	0.16	7.43	640.8	6.7	0.42
BP-4A	06/12/19	N	0.22	7.48	590	14.1	0.3
BP-4A	09/17/19	N	0.39	7.46	719	17.96	1.36
BP-4A	04/14/20	N	0.2	7.58	598	7.12	0.48
BP-4A	09/09/20	N	1.05	10	675	20.35	2.5
BP-4A	11/11/20	N	1.42	7.36	1,163	14.57	0.61
BP-4A	04/13/21	N	0.19	7.53	659	9.48	0.71
BP-4A	06/29/21	N	0.2	7.06	703	19.2	1.75
BP-4A	10/13/21	N	0.17	7.43	625	16.06	0.53
BP-4A	11/15/21	N	6.61	7.4	687	12.64	--
BP-4A	11/16/21	N	0.02	8.04	694	12.4	--
BP-4A	11/17/21	N	0.21	7.63	701	12.9	--
BP-4A	11/18/21	N	0.04	7.58	692	12.87	--
BP-4A	12/08/21	N	--	7.39	785	8.5	--
BP-4A	02/10/22	N	--	7.5	--	8.3	--
BP-4A	04/12/22	N	0.03	7.46	610.6	10.4	1.18
BP-4A	08/03/22	N	0.29	7.38	748	14.6	0.39
BP-4A	10/12/22	N	0.31	7.45	871	13.07	0.52
BP-4A	04/26/23	N	0.44	7.53	872	9.18	0.51
BP-4A	08/09/23	N	1.13	5.32	1,362	17.57	1,000
BP-4A	11/01/23	N	0.58	5.52	1,026	10.4	152
BP-4A	04/09/24	N	0.2	6.41	691	12.1	129
BP-4A	08/14/24	N	0.21	6.57	865	15.5	297
BP-4A	11/12/24	N	6.64	6.86	1,138	11	42.4
BP-4A	08/05/25	N	1.97	7.05	836	16.4	157
BP-5A	11/10/10	N	6.76	7.32	2,673	12.11	1.49
BP-5A	01/13/11	N	5.08 5.26	6.72 6.79	2,492 2,468	9.8 7.25	3.4
BP-5A	03/22/11	N	1.34	6.59	2,737	5.63	0.73
BP-5A	03/24/11	N	4.79	6.58	2,816	7.87	--
BP-5A	05/17/11	N	1.83	6.51	2,712	10.79	2.71
BP-5A	05/18/11	N	2.61	6.69	2,793	7.15	--
BP-5A	06/20/11	N	1.94	6.74	2,422	18.85	1.59
BP-5A	06/21/11	N	3.83	6.8	2,801	8.59	--
BP-5A	10/10/11	N	2.09	6.5	2,648	15.74	0.58
BP-5A	12/08/11	N	8.48	6.69	2,622	6.29	7.67
BP-5A	03/20/12	N	3.86	6.19	2,741	12.74	3.3
BP-5A	04/09/13	N	4.9	6.54	3,029	13.09	0.95
BP-5A	10/29/13	N	1.68	6.87	2,435	12.6	5.27
BP-5A	04/16/14	N	2.22	7.01	2,380	5.37	2.95
BP-5A	06/03/14	N	7.43	6.72	2,059	17.65	6.41
BP-5A	09/10/14	N	1.72	6.58	2,347	16.5	2.97
BP-5A	04/08/15	N	1.41	6.76	1,996	5.15	2.71
BP-5A	06/23/15	N	2.08	6.42	1,800	15.43	4.65
BP-5A	09/24/15	N	1.48	7.12	1,691	15.6	2.16
BP-5A	11/18/15	N	1.91	6.66	1,764	12.7	9.33
BP-5A	04/12/16	N	5.73	6.88	1,933	7.52	7.91
BP-5A	06/22/16	N	3.74	6.87	1,406	14.44	3.27
BP-5A	09/21/16	N	1.06	6.83	2,256	17.7	1.17
BP-5A	04/25/17	N	0.9	6.57	1,721	9.96	2.84
BP-5A	06/20/17	N	2.83	6.82	1,638	14.42	2.9
BP-5A	10/11/17	N	7.18	7.12	1,740	16.02	4.05
BP-5A	04/18/18	N	4.42	7.18	1,641	5.3	3.4
BP-5A	06/13/18	N	4.48	6.83	1,553	12.6	4.34
BP-5A	09/26/18	N	4.94	6.76	1,900	16.7	3.2
BP-5A	03/27/19	N	3.95	6.82	1,535	3.7	5.35
BP-5A	06/12/19	N	2.36	6.81	1,417	13.1	0.4
BP-5A	09/18/19	N	--	--	--	--	1.53
BP-5A	04/14/20	N	4.01	6.89	1,702	7.88	0.54
BP-5A	09/09/20	N	2.45	8.53	1,794	19.47	18
BP-5A	04/13/21	N	2.73	6.86	1,603	10.02	0.33
BP-5A	06/30/21	N	4.62	6.53	1,688	14.7	1.58
BP-5A	10/13/21	N	2.89	7.02	1,734	18.16	1.68
BP-5A	04/13/22	N	0.82	6.61	1,673	7.8	1.16
BP-5A	10/11/22	N	2.29	6.4	1,690	12.71	4.87
BP-5A	04/26/23	N	2.79	6.84	1,670	9.5	2.41
BP-5A	08/10/23	N	1.88	6.97	1,821	15.38	6.6
BP-5A	11/01/23	N	5.62	6.99	1,700	9.6	2.67
BP-5A	04/10/24	N	0.51	6.72	1,631	9.8	1.93
BP-5A	08/14/24	N	1.33	6.94	1,676	14.7	5.02

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-5A	08/06/25	N	0.52	6.88	1,295	16.3	2.29
BP-6	09/21/10	N	0.57	6.57	2,161	17.58	3.62
BP-6	01/12/11	N	0.53	6.71	21,866	4.8	4.09
BP-6	01/13/11	N	-0.01	6.78	21,550	10.06	--
BP-6	03/23/11	N	0.11	6.66	21,160	1.95	18.5
BP-6	05/16/11	N	0.52	6.61	12,829	10.6	0.07
BP-6	06/20/11	N	0.26	6.19	14,554	15.1	2.6
BP-6	06/21/11	N	-1.23	6.69	1,514	9.33	--
BP-6	10/10/11	N	0.22	6.14	19,730	18.04	3.01
BP-6	03/20/12	N	0.53	6.68	18,240	13.41	2.48
BP-6	09/11/12	N	1.89	6.72	18,590	15.81	4.93
BP-6	04/09/13	N	0.03	6.86	2,063	11.66	14.5
BP-6A	08/03/10	N	0.27	6.51	1,810	19.65	508
BP-6A	09/21/10	N	0.93	6.55	2,031	15.61	45.4
BP-6A	11/10/10	N	11.07	6.48	23,680	7.09	168
BP-6A	01/10/11	N	0.43	6.63	2,459	10.15	--
BP-6A	01/12/11	N	1.11	6.82	23.92	3.15	367
BP-6A	03/23/11	N	1.97	6.65	19,230	2.87	12
BP-6A	03/24/11	N	0.07	6.81	1,922	8.2	--
BP-6A	05/16/11	N	0.21	6.43	13,788	10.28	36.3
BP-6A	05/18/11	N	0.28	6.63	14,845	7.48	--
BP-6A	06/21/11	N	0.02	6.69	1,553	8.37	--
BP-6A	06/22/11	N	0.49	6.39	13,994	19.91	361
BP-6A	10/10/11	N	0.44	6.38	18,430	16.58	22
BP-6A	12/05/11	N	0.79	6.67	19,988	11.48	29.8
BP-6A	03/20/12	N	1.36	6.64	14,830	12.18	14
BP-6A	09/11/12	N	0.37	6.7	16,130	12.75	42
BP-6A	04/09/13	N	1.34	6.91	18,360	11.84	301
BP-6A	10/29/13	N	0.44	6.79	1,758	11.66	21.9
BP-6A	04/16/14	N	3.89	7.05	1,257	6.5	92.9
BP-6A	06/05/14	N	0.87	6.8	1,757	10.33	12
BP-6A	09/09/14	N	0.06	6.44	16,703	15.2	14.9
BP-6A	11/18/14	N	0.56	6.8	1,956	9.22	210
BP-6A	04/09/15	N	2.88	6.82	2,562	4.15	7.24
BP-6A	09/22/15	N	0.17	6.68	12,360	14.5	2.48
BP-6A	11/17/15	N	0.14	6.6	16,415	12.4	3.82
BP-6A	04/13/16	N	6.77	7.08	13,260	8.55	6.88
BP-6A	06/22/16	N	0.41	6.8	9,268	15.11	3.48
BP-6A	09/21/16	N	0.63	6.99	16,376	14.42	5.08
BP-6A	04/26/17	N	0.31	7.09	6,833	11.67	1.99
BP-6A	06/21/17	N	0.17	6.89	10,992	12.24	2.87
BP-6A	10/11/17	N	1.29	6.74	13,820	14.3	9.31
BP-6A	04/18/18	N	0.21	7.49	6,565	6.5	4
BP-6A	06/13/18	N	0.59	6.92	6,310	13.3	3.15
BP-6A	09/26/18	N	0.47	6.81	10,650	16.6	3.9
BP-6A	03/27/19	N	0.12	7.06	4,632	6.2	21.9
BP-6A	06/12/19	N	0.3	7.02	4,019	12.1	4.5
BP-6A	09/18/19	N	0.36	6.8	6,325	11.92	4.2
BP-6A	10/08/19	N	0.26	6.71	10,200	13.85	7.98
BP-6A	04/15/20	N	0.06	7.01	4,756	8.22	4.82
BP-6A	09/10/20	N	6.8	6.76	8,978	15.22	4.42
BP-6A	11/11/20	N	0.87	6.71	12,260	14.01	8.79
BP-6A	04/14/21	N	0.41	7.04	5,694	10.65	3.82
BP-6A	06/30/21	N	6.01	6.72	5,606	22.9	5.68
BP-6A	10/13/21	N	0.2	6.77	9,818	15.68	4.74
BP-6A	11/15/21	N	3.01	6.66	12,101	12.88	--
BP-6A	04/13/22	N	0	6.95	5,120	12.7	3.6
BP-6A	08/03/22	N	0.05	6.86	8,356	14.9	2.6
BP-6A	10/12/22	N	1.75	6.87	10,606	16.4	15.1
BP-6A	04/26/23	N	0.19	6.97	4,993	7.03	2.23
BP-6A	08/09/23	N	1.94	6.53	5,579	17.8	6.78
BP-6A	11/01/23	N	0.24	6.78	8,261	10	3.13
BP-6A	04/10/24	N	0.4	6.97	4,100	10.1	1.39
BP-6A	08/14/24	N	2.44	7.08	6,519	16.6	22.9
BP-6A	11/13/24	N	0.64	7.05	8,649	8.8	3.39
BP-6A	04/09/25	N	0.27	6.95	4,496	6.8	2.53
BP-6A	08/06/25	N	2.58	6.96	4,310	16.9	143
BP-6A	11/18/25	N	3.66	7.05	8,585	9.9	11.9
BP-7A	05/17/10	N	9.43	6.26	98	11	1.07
BP-7A	09/22/10	N	6.99	7.12	322	15.1	13.3
BP-7A	01/12/11	N	10.08	6.38	184	9.79	--

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-7A	05/17/11	N	9.34	6.03	145	10.89	27.3
BP-7A	05/19/11	N	10.6	<15.64	125	7.13	--
BP-7A	10/10/11	N	5.9	5.6	148	14.26	0.96
BP-7A	12/08/11	N	5.25	6.1	162	6.26	4.49
BP-7A	03/19/12	N	8.18	5.44	99	10.11	0.73
BP-7A	09/10/12	N	7.08	6.18	176	14.56	0.85
BP-7A	04/08/13	N	7.37	6.25	151	7.28	1.55
BP-7A	10/29/13	N	5.6	7.25	327.3	12.4	5.55
BP-7A	04/17/14	N	6.72	5.96	157.3	5.6	0.42
BP-7A	09/09/14	N	6.93	6.91	610	12.97	1.07
BP-7A	04/07/15	N	9.65	6.33	141	5.45	1.12
BP-7A	06/21/17	N	6.06	6	135	9.3	--
BP-7A	06/11/18	N	9.17	6.75	240	8.4	--
BP-7A	06/11/19	N	6.7	6.37	80	8.2	--
BP-7A	10/08/19	N	4.78	5.8	145	12.8	1.25
BP-7A	09/08/20	N	7.13	6.17	268	16.99	--
BP-7A	06/28/21	N	7.78	6.38	270	10.8	--
BP-7A	08/01/22	N	6.36	6.71	351	11.51	--
BP-7A	08/09/23	N	8.83	6.59	215	11.71	--
BP-7A	08/14/24	N	8.77	6.28	150	8.55	--
BP-7A	08/06/25	N	7.24	7.15	371.7	11.7	--
BP-8A	11/11/10	N	3.7	6.06	113	11.21	24.9
BP-8A	01/11/11	N	9.16	6.24	119	5.03	22.7
BP-8A	01/12/11	N	8.83	5.93	119	8.57	--
BP-8A	03/23/11	N	7.5	6.51	107	2.99	4.37
BP-8A	03/25/11	N	6.28	6.37	100	4.44	--
BP-8A	05/17/11	N	4.5	6.05	120	13.13	12.1
BP-8A	05/18/11	N	4.03	6.12	121	7.27	--
BP-8A	06/22/11	N	8.48 8.13	6.22 6.69	608 208	16.98 8.36	>1,000
BP-8A	10/11/11	N	4.16	5.98	143	14.26	12.8
BP-8A	03/20/12	N	7.71	5.84	114	10.83	46.6
BP-8A	04/11/13	N	9.11	6.75	100	7.23	68
BP-8A	06/05/14	N	8.72	6.4	169	8.27	>1,000
BP-8A	06/21/17	N	6.64	6.12	156	9.46	--
BP-8A	06/11/18	N	4.83	6.41	188	9	--
BP-8A	06/11/19	N	5.37	6.53	120	8.7	--
BP-8A	06/28/21	N	3.14	5.61	182	10.8	--
BP-8A	11/15/21	N	3.44	7.19	118	10.46	--
BP-8A	08/01/22	N	1.43	6.46	334	11.39	--
BP-8A	08/09/23	N	0.15	6.55	442	10.74	--
BP-8A	08/14/24	N	1.62	6.32	222	9.33	--
BP-8A	08/05/25	N	1.8	6.44	256.8	12.4	--
BP-9A	05/18/10	N	3.49	6.82	481	8.42	0.49
BP-9A	06/30/10	N	3.34	7.05	552	12.6	3.98
BP-9A	08/04/10	N	6.63	7.03	480	22.46	4.16
BP-9A	09/22/10	N	5.78	7.23	504	21.65	14.9
BP-9A	11/11/10	N	1.77	6.9	444	7.24	2.15
BP-9A	01/11/11	N	2.02	7.18	476	5.17	12.1
BP-9A	01/12/11	N	5.75	7.09	486	9.48	--
BP-9A	03/24/11	N	3.84	7.18	464	4.86	3.97
BP-9A	03/25/11	N	1.68	7.02	459	7.19	--
BP-9A	05/17/11	N	1.07	7.13	474	7.04	--
BP-9A	05/17/11	N	2.38	7.01	448	11.86	7.27
BP-9A	06/20/11	N	0.35	7.17	435	8.13	--
BP-9A	06/21/11	N	3.09	7.07	443	19.53	36.2
BP-9A	10/11/11	N	1.59	6.71	429	16.15	2.62
BP-9A	03/21/12	N	2.7	7.07	468	8.57	1.86
BP-9A	09/12/12	N	8.67	7.16	449	13.12	170
BP-9A	04/12/13	N	2.62	7.24	434	7.02	3.49
BP-9A	10/30/13	N	2.48	7.26	445	11.35	0.71
BP-9A	04/15/14	N	4.47	7.51	431	5.57	6.73
BP-9A	06/03/14	N	4.79	7.41	465	14.81	0.82
BP-9A	09/10/14	N	3.5	7.14	532.2	13.9	5.04
BP-9A	11/19/14	N	3.35	7.14	496	7.19	31
BP-9A	04/08/15	N	4.32	7.43	502	5.07	4.92
BP-9A	06/23/15	N	1.43	6.55	498	13.07	2.39
BP-9A	09/22/15	N	0.89	8.08	386	12.5	2.67
BP-9A	11/17/15	N	2.68	7.71	326	8.43	1.35
BP-9A	04/12/16	N	3.21	7.9	390	6.34	3.44
BP-9A	06/21/16	N	0.56	7.51	337	11.1	0.82

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-9A	09/20/16	N	1.1	7.33	391	13.85	1.48
BP-9A	04/25/17	N	0.31	7.55	448	7.31	3.23
BP-9A	06/20/17	N	5.37	7.18	767	13.52	2.47
BP-9A	10/10/17	N	2.41	7.36	546	15.27	1.99
BP-9A	04/18/18	N	0.57	7.85	463	4.4	1.9
BP-9A	06/12/18	N	1.64	7.48	456	12	3.06
BP-9A	09/25/18	N	0.74	7.41	558	12.6	3
BP-9A	03/26/19	N	0.39	7.57	453.3	5.4	2.39
BP-9A	06/11/19	N	3.81	7.05	471	11.7	6
BP-9A	09/17/19	N	0.96	7.47	455	12.61	1.31
BP-9A	10/08/19	N	0.29	6.97	511	13.17	11
BP-9A	04/15/20	N	5.59	7.62	487	6.49	2.77
BP-9A	09/10/20	N	0.56	9.39	575	16.58	5.72
BP-9A	11/11/20	N	0.8	7.4	469	14.09	15.1
BP-9A	04/14/21	N	0.43	7.51	544	9.57	5.84
BP-9A	06/29/21	N	7.91	6.83	545	16.9	6.04
BP-9A	10/13/21	N	1.49	7.54	508	13.88	2.68
BP-9A	11/15/21	N	1.41	7.18	590	11.5	--
BP-9A	04/12/22	N	5.61	5.9	790	6.1	1,000
BP-9A	08/02/22	N	3.34	6.65	739	14.6	1,000
BP-9A	10/11/22	N	1.01	6.46	884	13.6	202
BP-9A	04/25/23	N	0.45	7.42	539.4	7.1	8.97
BP-9A	08/08/23	N	0.68	5.55	2,056	14.71	1,000
BP-9A	10/31/23	N	0.39	5.66	883	10.1	1,000
BP-9A	04/09/24	N	4.94	6.79	1,265	12.8	61.1
BP-9A	08/13/24	N	2.51	6.55	1,221	21.4	91.1
BP-9A	11/13/24	N	2.88	6.87	915	10.9	97.3
BP-9A	04/09/25	N	0.21	6.82	823	4.6	9.24
BP-9A	08/06/25	N	0.4	6.73	718	15.9	50.9
BP-9A	11/19/25	N	1.26	5.4	1,577	8.5	1,000
BP-10A	05/20/10	N	7.2	6.51	105	12.09	0.82
BP-10A	09/22/10	N	5.7	5.85	144	14.6	8.54
BP-10A	01/13/11	N	3.85	6.15	142	9.61	--
BP-10A	05/17/11	N	4.18	6.1	91	10.43	0.07
BP-10A	05/19/11	N	5.87	5.13	66	7.68	--
BP-10A	10/12/11	N	1.75	5.97	157	13.54	1.33
BP-10A	03/19/12	N	3.7	5.42	111	12.42	2.58
BP-10A	09/10/12	N	5.72	5.95	91	13.45	0.78
BP-10A	04/08/13	N	7.89	6.18	121	9.04	1.98
BP-10A	10/30/13	N	3.16	5.84	110	12.88	1.87
BP-10A	04/17/14	N	9.18	4.97	43	5.85	0.49
BP-10A	09/10/14	N	2.97	6.16	158	14.34	2.71
BP-10A	04/07/15	N	9.81	5.56	36	4.74	0.92
BP-10A	09/23/15	N	2.89	6.09	131.7	14.3	0.65
BP-10A	06/23/16	N	6.85	6.44	130	14.87	0.92
BP-10A	06/21/17	N	5.49	6.1	96	9.72	--
BP-10A	06/11/18	N	2.17	6.47	123	8.9	--
BP-10A	06/11/19	N	1.98	6.7	104	8.1	--
BP-10A	09/09/20	N	2.73	6.89	134	11.8	--
BP-10A	06/28/21	N	1.93	5.62	147	10.8	--
BP-10A	08/01/22	N	2.65	6.49	133	11.56	--
BP-10A	08/09/23	N	4.51	5.97	94	11.2	--
BP-10A	08/14/24	N	7.42	6.38	198	9.76	--
BP-10A	08/06/25	N	1.27	6.36	155.4	10.7	--
BP-11A	05/18/10	N	6.85	5.99	70	8.19	1.07
BP-11A	09/23/10	N	7.54	6.57	181	14.6	980
BP-11A	01/12/11	N	6.7	5.55	66	9.62	--
BP-11A	03/22/11	N	10.79	5.51	37	7.34	--
BP-11A	05/17/11	N	5.05	5.71	79	13.02	1.69
BP-11A	05/19/11	N	4.7	5.88	75	6.99	--
BP-11A	10/12/11	N	5.36	5.67	118	12.93	98.1
BP-11A	03/19/12	N	5.6	4.81	60	11.33	5.75
BP-11A	09/10/12	N	7.1	5.42	53	13.48	2.36
BP-11A	04/08/13	N	7.31	5.78	57	9.44	1.73
BP-11A	10/30/13	N	4.4	4.4	90.4	12.6	63.4
BP-11A	04/17/14	N	9.03	5.37	42	5.55	1.62
BP-11A	09/09/14	N	4.87	5.77	169	14.41	412
BP-11A	04/07/15	N	10.43	5.4	39	5.04	2.37
BP-11A	09/23/15	N	1.01	6.19	173.4	14.7	73.6
BP-11A	06/23/16	N	8.54	5.22	152	15.71	128
BP-11A	06/21/17	N	4.02	5.59	92	9.04	--

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-11A	06/11/18	N	2.84	5.85	131	9	--
BP-11A	06/11/19	N	4.04	5.98	97	8.2	--
BP-11A	09/08/20	N	2.94	7.16	155	12.14	--
BP-11A	06/28/21	N	3.92	5.74	122	10.3	--
BP-11A	08/01/22	N	2.64	6	136	10.22	--
BP-11A	08/09/23	N	4.48	5.47	112	11.2	--
BP-11A	08/14/24	N	1.17	5.77	71	8.23	--
BP-11A	08/06/25	N	6.74	6.35	196.5	10.5	--
BP-12A	05/17/10	N	8.46	6.08	389	14.55	1.33
BP-12A	11/10/10	N	3.54	6.67	358	12.71	1.31
BP-12A	01/10/11	N	7.76 7	6.66 6.88	417 399	10.41 4.52	13.4
BP-12A	03/22/11	N	1.86	6.63	404	5.33	2.09
BP-12A	03/24/11	N	2.14	6.52	382	8.65	--
BP-12A	05/17/11	N	0.78	6.2	423	10.47	4.64
BP-12A	05/18/11	N	2	<15.73	428	8.15	--
BP-12A	06/20/11	N	2.01	6.69	377	17.44	0.86
BP-12A	06/21/11	N	5.56	6.52	394	8.58	--
BP-12A	10/12/11	N	1.28	6.4	450	12.75	4.45
BP-12A	12/08/11	N	1.99	6.41	420	7.28	22.6
BP-12A	03/19/12	N	4.6	6.2	382	10.99	4.79
BP-12A	09/10/12	N	2.82	6.23	295	12.87	4.41
BP-12A	04/08/13	N	1.89	6.49	371	11.64	1.98
BP-12A	10/29/13	N	4.29	6.38	384	12.05	17
BP-12A	04/16/14	N	1.42	6.93	329	4.7	10.9
BP-12A	06/03/14	N	5.85	6.37	387	15.93	4.65
BP-12A	09/09/14	N	4.82	6.41	368	15.3	6.75
BP-12A	11/19/14	N	5.23	6.42	338	6.18	21.7
BP-12A	04/08/15	N	1.28	6.66	335	5.7	2.4
BP-12A	06/23/15	N	0.7	5.77	341.9	15	2.01
BP-12A	09/23/15	N	1.98	6.77	390.6	14	3.21
BP-12A	11/17/15	N	3.2	6.37	385.1	12.1	2.11
BP-12A	06/23/16	N	1.71	6.91	382	10.38	--
BP-12A	06/21/17	N	10.24	6.52	416	9.67	--
BP-12A	06/11/18	N	4.17	6.62	374	9.1	--
BP-12A	06/11/19	N	5.19	6.76	265	8.8	--
BP-12A	09/08/20	N	4.97	7.03	442	15.74	--
BP-12A	06/28/21	N	4.96	6.14	397	10.7	--
BP-12A	08/01/22	N	7.4	6.74	417	10.81	--
BP-12A	08/09/23	N	5.07	6.82	395	11.27	--
BP-12A	08/14/24	N	7.52	6.75	425	8.24	--
BP-12A	08/05/25	N	2.26	6.91	482.5	12.1	--
BP-12D Port 1	05/21/10	N	6.5	7.37	437	10.19	4.2
BP-12D Port 1	05/19/11	N	1.53	7.48	443	10.57	16
BP-12D Port 1	10/13/11	N	1.85	7.05	542	12.23	5.58
BP-12D Port 1	03/22/12	N	10.3	6.59	432	13.13	3.07
BP-12D Port 1	04/11/13	N	6.09	7.83	410	9.72	3.86
BP-12D Port 1	10/31/13	N	7.08	--	607	10.9	4.51
BP-12D Port 1	04/17/14	N	--	7.66	349	4.92	11.1
BP-12D Port 1	09/10/14	N	6.19	7.68	418	13.2	27.2
BP-12D Port 1	04/09/15	N	4.17	7.12	487	--	--
BP-12D Port 1	09/24/15	N	0.53	7.69	396.3	11.7	3.79
BP-12D Port 1	06/23/16	N	1.07	7.09	443	11.16	--
BP-12D Port 1	06/21/17	N	0.66	8.1	463	11.76	--
BP-12D Port 1	06/13/18	N	0.64	7.78	453	11.1	--
BP-12D Port 1	06/12/19	N	0.66	7.85	364	11.3	--
BP-12D Port 1	09/11/20	N	6.85	6.79	406	11.05	--
BP-12D Port 1	07/01/21	N	1.06	6.97	407	11.8	--
BP-12D Port 1	08/04/22	N	11.88	7.71	402	13.2	--
BP-12D Port 1	08/10/23	N	4.73	7.55	361	12.25	--
BP-12D Port 1	08/15/24	N	2.28	7.6	436	8.49	--
BP-12D Port 1	08/06/25	N	3.3	7.92	471	11.9	--
BP-12D Port 5	09/11/12	N	0.09	7.34	488	10.3	1
BP-12D Port 5	04/11/13	N	1.13	7.81	480	9.94	1.16
BP-12D Port 6	03/22/12	N	1.47	6.86	740	14.86	0.64
BP-12D Port 7	10/31/13	N	1.58	--	939	10.38	6.11
BP-12D Port 7	04/17/14	N	--	7.69	841	7.05	1.5
BP-12D Port 7	09/10/14	N	5.51	7.59	1,104	12.25	2.08
BP-12D Port 7	04/09/15	N	5.38	7.38	1,137	--	--
BP-12D Port 7	09/24/15	N	0.63	7.73	1,026	11.4	0.75
BP-12D Port 7	06/23/16	N	1.79	7.27	1,190	11.52	--

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-12D Port 7	06/21/17	N	0.86	7.99	1,296	11.83	--
BP-12D Port 7	06/13/18	N	1.05	7.7	1,196	11	--
BP-12D Port 7	06/12/19	N	1.03	7.76	965	13.4	--
BP-12D Port 7	09/11/20	N	0.97	7.29	1,019	10.99	--
BP-12D Port 7	07/01/21	N	0.9	6.75	1,024	12.1	--
BP-12D Port 7	08/04/22	N	0.39	7.62	1,015	11.6	--
BP-12D Port 7	08/10/23	N	1.9	7.73	959	13.16	--
BP-12D Port 7	08/15/24	N	2.11	7.61	980	9.2	--
BP-12D Port 7	08/06/25	N	0.8	7.96	1,029	11.7	--
BP-13A	01/12/11	N	12.56	5.96	125	9.57	--
BP-13A	03/23/11	N	5.79	6.33	105	7.88	--
BP-13A	05/19/11	N	4.1	5.8	101	7.09	--
BP-13A	10/29/13	N	7.24	6.41	171	11.61	11.1
BP-13A	04/16/14	N	2.32	6.29	146.9	4.3	11.4
BP-13A	06/04/14	N	8.58	6.31	175	14.52	1.74
BP-13A	11/20/14	N	9.49	6.49	114	8.83	1.98
BP-13A	04/08/15	N	1.04	6.52	157	5.64	23
BP-13A	06/24/15	N	4.5	5.56	99.1	11.7	4.7
BP-13A	11/18/15	N	4.42	6.64	226.1	11.6	45.3
BP-13A	04/12/16	N	4.14	6.42	89	6.9	6.09
BP-13A	06/21/16	N	6.76	6.59	152.9	14.4	0.43
BP-13A	04/25/17	N	3.96	5.94	187	9.67	3.48
BP-13A	06/20/17	N	4.88	5.96	460	13.8	5.35
BP-13A	04/18/18	N	4.04	6.54	105	5.29	4.1
BP-13A	06/13/18	N	0.6	5.93	111	11.7	2.97
BP-13A	09/26/18	N	1.99	5.35	56	16.5	6.3
BP-13A	03/27/19	N	2.9	6.11	91	5.41	6.28
BP-13A	06/12/19	N	1.34	5.76	64	10.3	1.4
BP-13A	09/18/19	N	7.76	6.22	143	11.44	38.7
BP-13A	04/14/20	N	2.74	6.03	113	6.72	0.81
BP-13A	09/09/20	N	4.42	6.83	219	17.28	8.13
BP-13A	11/11/20	N	4.45	6.54	261	13.94	2.41
BP-13A	04/13/21	N	2.46	6.64	169	9.07	1.8
BP-13A	06/29/21	N	2.28	3.75	107	14.2	2.23
BP-13A	10/13/21	N	1.76	5.6	76	15.23	2.35
BP-13A	11/15/21	N	4.12	6.6	76	11.51	--
BP-13A	04/13/22	N	3.11	5.62	123.4	4.8	2.27
BP-13A	10/12/22	N	3.36	5.88	130	12.6	2.09
BP-13A	04/26/23	N	1.64	6.05	132.9	9.6	0.81
BP-13A	08/09/23	N	8.6	6.4	130	14.46	4.67
BP-13A	10/31/23	N	1.39	5.53	59.6	11	4.16
BP-13A	04/10/24	N	2.52	6.11	113.9	9	6.89
BP-13A	08/14/24	N	3.13	5.75	78.9	15.3	4.42
BP-13D Port 1	10/31/13	N	7.94	--	358	10.21	0.67
BP-13D Port 1	04/17/14	N	--	7.89	276	7.54	27.1
BP-13D Port 1	04/09/15	N	9.7	7.77	384	--	--
BP-13D Port 1	09/24/15	N	1.11	7.76	343.6	11.9	2.54
BP-13D Port 1	06/23/16	N	11.8	7.44	575	11.38	--
BP-13D Port 1	06/21/17	N	8.37	8.54	397	13.22	--
BP-13D Port 1	06/13/18	N	14.76	7.69	403	10.8	--
BP-13D Port 1	06/12/19	N	2.91	7.91	325	12.5	--
BP-13D Port 1	07/01/21	N	6.8	6.84	403	12.12	--
BP-13D Port 1	08/04/22	N	2.49	7.37	465.5	14.4	--
BP-13D Port 1	08/10/23	N	7.59	7.67	444	13.12	--
BP-13D Port 1	08/15/24	N	7.23	7.53	465	8.94	--
BP-13D Port 3	05/19/10	N	10.39	7.48	33	9.45	15.5
BP-13D Port 3	09/23/10	N	0.41	6.73	539	12.38	5.03
BP-13D Port 3	05/19/11	N	1.75	7.38	563	11.27	1.66
BP-13D Port 3	10/13/11	N	2	7.23	548	12.45	1.45
BP-13D Port 3	03/22/12	N	1.73	7.55	587	19.34	1.73
BP-13D Port 3	09/12/12	N	--	7.4	576	10.52	--
BP-13D Port 3	04/11/13	N	2.44	7.11	565	9.73	17.2
BP-13D Port 5	10/31/13	N	2.18	--	484	10.06	11.8
BP-13D Port 5	04/17/14	N	--	8.27	428	6.3	0.68
BP-13D Port 5	09/10/14	N	3.51	7.63	542	13.92	15.6
BP-13D Port 5	04/09/15	N	4.9	7.76	518	--	--
BP-13D Port 5	09/24/15	N	0.6	7.71	528.5	11.2	4.3
BP-13D Port 5	06/23/16	N	1.54	7.34	556	11.21	--
BP-13D Port 5	06/21/17	N	1.1	8.38	568	12.32	--
BP-13D Port 5	06/13/18	N	1.22	7.7	561	11.2	--
BP-13D Port 5	06/12/19	N	1.7	7.91	447	13.6	--

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-13D Port 5	09/11/20	N	1.89	7.67	651	11.17	--
BP-13D Port 5	07/01/21	N	1.65	6.93	498	12.1	--
BP-13D Port 5	08/04/22	N	0.24	7.62	504.2	11.1	--
BP-13D Port 5	08/10/23	N	1.87	7.82	495	13.79	--
BP-13D Port 5	08/15/24	N	2.32	7.63	528	8.77	--
BP-13D Port 5	08/06/25	N	1.71	7.91	534	12	--
BP-13D Port 6	03/22/12	N	1.2	7.46	551	17.84	0.86
BP-13D Port 6	09/12/12	N	--	7.31	558	11.76	--
BP-13D Port 6	04/11/13	N	2.09	7.37	542	9.29	3.92
BP-14A	05/19/10	N	10.45	7.29	171	10.08	186
BP-14A	05/19/11	N	8.38	7.42	160	11.48	38.5
BP-14A	09/11/12	N	16.69	7.38	216	13.87	--
BP-14A	04/10/13	N	8.33	7.02	520	10.12	47.5
BP-14A	04/15/14	N	--	7.85	159	7.51	70.3
BP-14A	04/08/15	N	8.11	6.13	196	--	--
BP-14A	06/21/17	N	7.68	6.66	153	10.65	--
BP-14A	06/11/18	N	6.82	6.85	190	12.1	--
BP-14A	06/11/19	N	6.99	6.6	106	9	--
BP-14A	06/28/21	N	6.45	6.17	214	15.6	--
BP-14A	08/09/23	N	7.86	6.82	270	13.84	--
BP-14A	08/14/24	N	8.35	6.76	182	8.13	--
BP-14D Port 1	05/19/10	N	11.38	7.57	208	10.04	0.65
BP-14D Port 1	09/23/10	N	14.95	6.45	271	10.79	4.11
BP-14D Port 1	05/19/11	N	3.69	7.55	275	11.49	2.32
BP-14D Port 1	10/13/11	N	4.17	7.4	270	11.82	0.27
BP-14D Port 1	03/22/12	N	4.54	7.47	318	19.52	1.16
BP-14D Port 1	09/12/12	N	--	7.31	347	10.56	--
BP-14D Port 1	04/11/13	N	4.02	7.53	290	9.17	0.68
BP-14D Port 1	10/31/13	N	7.17	--	285	10.26	0.48
BP-14D Port 1	04/17/14	N	--	7.87	206	7.48	0.27
BP-14D Port 1	09/10/14	N	10.86	7.61	292	13.12	28.4
BP-14D Port 1	04/09/15	N	9.99	7.93	273	--	--
BP-14D Port 1	09/24/15	N	1.63	7.29	352.4	9.6	4.29
BP-14D Port 1	06/23/16	N	8.56	7.19	317	12.34	--
BP-14D Port 1	06/21/17	N	0.79	8.21	318	15.23	--
BP-14D Port 3	09/12/12	N	--	7.27	349	10.69	--
BP-14D Port 3	04/11/13	N	1.5	7.73	303	9.07	0.54
BP-14D Port 5	10/31/13	N	2.53	--	544	10.25	0.99
BP-14D Port 5	04/17/14	N	--	7.82	472	8.11	0.5
BP-14D Port 5	09/10/14	N	4.84	7.53	621	13.49	2.37
BP-14D Port 5	04/09/15	N	8.03	7.78	612	--	--
BP-14D Port 5	09/24/15	N	0.55	7.59	559.7	9.7	1.75
BP-14D Port 5	06/23/16	N	1.07	7.22	603	11.01	--
BP-14D Port 5	06/21/17	N	1.15	8.11	626	12.78	--
BP-14D Port 6	03/22/12	N	1.12	7.46	663	16.52	0.43
BP-15A	04/10/13	N	9.5	6.93	91	8.87	21.8
BP-15A	04/17/14	N	8.51	6.09	142.5	6.8	37
BP-15D Port 1	05/20/10	N	10.02	7.32	347	9.44	--
BP-15D Port 1	09/23/10	N	2.27	1.5	350	10.68	159.6
BP-15D Port 1	05/19/11	N	4.38	7.64	241	11.83	9.13
BP-15D Port 1	04/11/13	N	5.76	7.68	323	9.11	0.59
BP-15D Port 1	10/31/13	N	--	--	--	--	1.84
BP-15D Port 1	04/17/14	N	--	7.97	244	7.05	0.42
BP-15D Port 2	09/12/12	N	--	7.66	366	9.81	--
BP-15D Port 4	09/12/12	N	--	7.53	393	9.8	--
BP-15D Port 4	04/11/13	N	1.85	7.71	358	9.22	0.34
BP-15D Port 5	10/31/13	N	2.63	--	778	10.17	0.63
BP-15D Port 5	04/17/14	N	--	7.85	636	7.91	0.46
BP-15D Port 5	09/10/14	N	3.92	7.46	838	12.69	1.7
BP-15D Port 5	04/09/15	N	4.87	7.73	813	--	--
BP-15D Port 5	09/24/15	N	0.62	7.68	713	9.8	1.41
BP-15D Port 5	06/23/16	N	1	7.32	723	10.71	--
BP-15D Port 5	06/21/17	N	1.09	8.57	724	13.45	--
BP-15D Port 5	06/13/18	N	0.8	8.12	727	10.8	--
BP-15D Port 5	06/12/19	N	1.03	7.95	503	13	--
BP-15D Port 5	09/11/20	N	0.74	7.84	611	11.07	--
BP-15D Port 5	07/01/21	N	0.76	7.1	570	11.2	--
BP-15D Port 5	08/04/22	N	0.53	7.84	538.6	11.1	--
BP-15D Port 5	08/10/23	N	1.48	8.13	508	12.55	--
BP-15D Port 5	08/15/24	N	2.42	8.04	447	8.98	--
BP-15D Port 5	08/06/25	N	0.69	7.77	522	10.2	--

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-15D Port 6	03/22/12	N	2.95	7.7	1,241	15.65	3.13
BP-16A	05/17/10	N	9.3	6.03	48	10.31	2.11
BP-16A	01/12/11	N	11.55	5.66	64	9.34	--
BP-16A	05/17/11	N	8.93	6.09	94	9.67	9.99
BP-16A	10/10/11	N	6.04	4.87	94	14.41	0.6
BP-16A	03/19/12	N	9.73	5.23	51	9.14	0.49
BP-16A	09/11/12	N	15.76	5.87	54	14.17	16.5
BP-16A	04/08/13	N	10.37	5.55	47	8.05	0.83
BP-16A	04/17/14	N	10.1	5.45	52.3	6.1	0.64
BP-16A	04/07/15	N	11.82	4.01	33	5.33	0.58
BP-16A	06/21/17	N	6.84	5.43	45	9.54	--
BP-16A	06/11/18	N	8.83	5.88	55	9	--
BP-16A	06/11/19	N	6.96	5.88	31	8.3	--
BP-16A	06/28/21	N	7.81	6.37	86	16.4	--
BP-16A	08/09/23	N	6.85	5.41	38	11.58	--
BP-16A	08/14/24	N	8.4	5.49	43	9.21	--
BP-17A	05/20/10	N	4.6	7	215	14.45	1.37
BP-17A	11/11/10	N	4.75	6.9	215	11.65	1.01
BP-17A	01/13/11	N	6.93	6.88	218	9.05	--
BP-17A	05/17/11	N	2.55	6.7	179	12.86	0.09
BP-17A	05/18/11	N	5.46	<15.87	200	6.98	--
BP-17A	10/12/11	N	3.17	6.85	279	14.11	27.5
BP-17A	03/19/12	N	2.55	6.23	207	9.66	1.36
BP-17A	09/12/12	N	8.39	7.36	308	13.29	6.3
BP-17A	04/10/13	N	2.35	6.9	200	7.06	1.01
BP-17A	10/30/13	N	4.23	7.34	246.6	12.6	1.8
BP-17A	04/17/14	N	2.87	6	157	7.34	1.88
BP-17A	09/09/14	N	7.78	7.5	292	13.2	7.81
BP-17A	04/07/15	N	2.66	6.9	231	5.45	0.55
BP-17A	09/23/15	N	4.03	7.46	287.6	14.2	6.35
BP-17A	06/23/16	N	6.98	6.39	271	14.2	2.31
BP-17A	06/21/17	N	3.77	7.24	279	10.06	--
BP-17A	06/11/18	N	1.58	7.2	276	8.7	--
BP-17A	06/11/19	N	2.08	7.22	207	8.7	--
BP-17A	09/08/20	N	7.01	7.97	306	12.87	--
BP-17A	06/28/21	N	2.89	6	303	10.6	--
BP-17A	08/01/22	N	3.68	7.13	306	11.02	--
BP-17A	08/09/23	N	7.68	7.09	310	11.67	--
BP-17A	08/14/24	N	7.77	6.58	317	8.97	--
BP-17A	08/06/25	N	4.55	7.24	375.7	11.8	--
BP-18A	09/20/10	N	3.07	6.21	246	12.47	0.7
BP-18A	01/13/11	N	7.61	6.24	168	10.22	--
BP-18A	03/23/11	N	0.82	6.42	173	8.47	--
BP-18A	05/17/11	N	8.92	6.58	165	13.61	12.9
BP-18A	05/18/11	N	5.16	6.34	168	7.6	--
BP-18A	10/12/11	N	6.94	6.41	159	13.1	7.1
BP-18A	03/20/12	N	9.41	6.6	181	15.25	8.83
BP-18A	09/11/12	N	8.67	6.84	207	14.87	8.96
BP-18A	04/10/13	N	9.68	6.91	188	8.3	8.78
BP-18A	10/30/13	N	10.38	7	150	12.33	8.07
BP-18A	04/15/14	N	3.27	6.72	187	5.54	3
BP-18A	06/03/14	N	7.88	6.34	175	16.22	2.75
BP-18A	09/10/14	N	8.72	6.6	210	14.02	3.66
BP-18A	11/19/14	N	9.2	6.61	203	5.07	3.98
BP-18A	04/08/15	N	2.01	6.69	190	5.09	1.21
BP-18A	06/23/15	N	3.19	5.92	163.9	13.4	4.4
BP-18A	09/22/15	N	5.92	6.61	218.6	14.3	3.7
BP-18A	11/17/15	N	6.82	6.82	253	9.1	2.81
BP-18A	06/23/16	N	1.76	6.71	145	10.72	--
BP-18A	06/21/17	N	4.27	6.37	171	9.22	--
BP-18A	06/11/18	N	2.02	6.66	201	8.6	--
BP-18A	06/11/19	N	4.53	6.44	133	8.1	--
BP-18A	09/09/20	N	4.35	6.68	205	11.1	--
BP-18A	06/28/21	N	3.16	5.84	200	9.7	--
BP-18A	08/01/22	N	3.69	6.34	224	9.62	--
BP-18A	08/09/23	N	1.05	6.3	237	10.11	--
BP-18A	08/14/24	N	6.58	6.43	210	8.05	--
BP-18A	08/05/25	N	8.29	6.65	217.9	11.4	--
BP-19A	05/19/10	N	10.87	6.17	109	8.77	3.96
BP-19A	05/19/10	N	10.87	6.17	109	8.77	3.96
BP-19A	09/24/10	N	6.6	6.93	163	12.82	532

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-19A	05/18/11	N	10.12	5.89	126	11.54	4.1
BP-19A	10/11/11	N	8.57	5.95	85	12.11	56
BP-19A	03/22/12	N	10.53	5.74	99	9.95	2.02
BP-19A	09/13/12	N	8.53	6.27	114	14.29	1.12
BP-19A	04/10/13	N	10.52	5.93	72	9.69	32.9
BP-19A	10/28/13	N	1.67	6.5	113	10.26	--
BP-19A	04/14/14	N	10.33	6.2	76	8.12	--
BP-19A	09/08/14	N	--	6.39	195	9.32	--
BP-19A	04/06/15	N	11.05	5.71	53	7.62	--
BP-19A	09/21/15	N	6.24	5.66	96	10.23	--
BP-19A	06/22/16	N	9.6	6.44	71	9.57	--
BP-19A	06/21/17	N	9.5	6.13	90	9.91	--
BP-19A	06/11/18	N	9.11	6.24	96	9	--
BP-19A	06/12/19	N	9.13	6.5	68	8.4	--
BP-19A	09/08/20	N	6.87	6.6	97	10	--
BP-19A	06/28/21	N	7.17	5.66	104	10.5	--
BP-19A	08/01/22	N	7.17	6.11	98	9.68	--
BP-19A	08/09/23	N	7.93	5.93	110	10.51	--
BP-19A	08/14/24	N	10.29	6.14	100	7.14	--
BP-19A	08/06/25	N	7.25	6.22	96.4	10	--
BP-20	05/19/10	N	1.78	7.45	280	11.06	0.7
BP-20	09/23/10	N	2.06	7.65	285	17.32	1.57
BP-20	05/18/11	N	5.91	7.61	292	12.03	0.92
BP-20	10/11/11	N	1.72	7.19	263	15.89	2.11
BP-20	03/22/12	N	4.07	5.81	156	21.71	0.92
BP-20	09/13/12	N	2.75	7.76	247	14.54	0.53
BP-20	04/10/13	N	4.15	7.73	260	9.09	1.21
BP-20	10/28/13	N	0.21	7.78	275	10.28	--
BP-20	04/14/14	N	2.88	7.73	281	8.57	--
BP-20	09/08/14	N	--	7.78	539	10.05	--
BP-20	04/07/15	N	3.52	--	274	9.23	--
BP-20	09/21/15	N	2.23	7.49	261	10.61	--
BP-20A	05/19/10	N	4.69	5.68	164	11.31	2.35
BP-20A	09/23/10	N	1.99	5.85	227	15.93	0.67
BP-20A	05/18/11	N	3.21	5.63	138	13.96	2.47
BP-20A	06/21/11	N	2.37	5.91	159	15.08	0.66
BP-20A	10/11/11	N	3	5.71	201	14.9	0.85
BP-20A	03/22/12	N	2.22	7.56	268	14.78	0.76
BP-20A	09/13/12	N	3.47	5.87	204	16.56	0.26
BP-20A	04/10/13	N	5.12	5.99	159	9.65	0.75
BP-20A	10/28/13	N	1.99	6.23	236	12.66	--
BP-20A	04/14/14	N	5.3	5.98	156	7.45	--
BP-20A	09/08/14	N	--	6.05	438	11.91	--
BP-20A	04/07/15	N	6.15	--	181	7.49	--
BP-20A	09/21/15	N	1.46	5.86	216	11.4	--
BP-20A	06/22/16	N	2.17	6.22	178	9.38	--
BP-20A	06/21/17	N	0.65	5.92	173	10.28	--
BP-20A	06/11/18	N	1.8	5.8	162	8.9	--
BP-20A	06/12/19	N	0.49	5.98	110	9.6	--
BP-20A	09/08/20	N	3.06	6.62	177	15.83	--
BP-20A	06/28/21	N	1.45	5.18	177	11.9	--
BP-20A	08/01/22	N	2.9	5.77	172	13.73	--
BP-20A	08/09/23	N	1.97	5.92	224	10.56	--
BP-20A	08/13/24	N	1.26	5.84	182	11.74	--
BP-20A	08/06/25	N	4.06	6.17	162.7	15.2	--
BP-21	05/19/10	N	1.26	7.11	388	10.47	2.94
BP-21	09/22/10	N	2.19	7.36	394	17.28	9.82
BP-21	05/18/11	N	1.1	7.17	350	13.29	7.81
BP-21	10/11/11	N	0.94	7.36	403	14.22	6.16
BP-21	03/22/12	N	2.38	7.42	334	12.07	17.7
BP-21	09/13/12	N	0.37	7.41	324	14.06	17.1
BP-21	04/10/13	N	4.86	7.42	361	12.05	6.71
BP-21	10/28/13	N	0.25	7.7	368	9.84	--
BP-21	04/14/14	N	1.65	7.56	363	9.1	--
BP-21	09/08/14	N	--	7.5	713	9.33	--
BP-21	04/07/15	N	3.34	--	424	9.39	--
BP-21	09/21/15	N	1.82	7.49	349	10.16	--
BP-21A	05/19/10	N	3.49	6.95	572	10.66	2.29
BP-21A	09/22/10	N	6.04	7.27	579	19.92	0.99
BP-21A	05/18/11	N	4.03	7.25	580	15.33	1.66
BP-21A	10/11/11	N	6.69	6.94	540	15.46	1.04

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-21A	03/22/12	N	5.97	7.3	531	11.93	2.27
BP-21A	09/13/12	N	2.03	7.08	510	13.21	0.54
BP-21A	04/10/13	N	5.99	7.37	555	9.38	1.25
BP-21A	10/28/13	N	0.58	7.47	584	11.8	--
BP-21A	04/14/14	N	0.32	7.35	574	8.05	--
BP-21A	09/08/14	N	--	7.7	1,128	11.71	--
BP-21A	04/07/15	N	1.4	--	650	9.2	--
BP-21A	09/21/15	N	0.74	7.24	569	9.86	--
BP-21A	06/22/16	N	0.6	7.51	531	9.3	--
BP-21A	06/21/17	N	1.14	7.37	570	9.23	--
BP-21A	06/11/18	N	0.98	7.5	544	9.2	--
BP-21A	06/12/19	N	0.72	7.33	391	8.4	--
BP-21A	10/08/19	N	6.72	6.84	544	11.68	6.4
BP-21A	09/08/20	N	0.74	7.36	566	13.68	--
BP-21A	06/28/21	N	1.07	6.51	561	9.7	--
BP-21A	08/01/22	N	2.34	7.19	546	13.28	--
BP-21A	08/09/23	N	3.13	7.27	550	9.86	--
BP-21A	08/13/24	N	2.32	7.3	578	8.28	--
BP-21A	08/06/25	N	3.62	7.53	555	14.1	--
BP-22A	05/19/10	N	2.84	7.12	798	10.83	2.63
BP-22A	09/22/10	N	5.83	7.28	835	19.02	3.99
BP-22A	05/18/11	N	3.1	7.25	810	15.36	1.98
BP-22A	10/11/11	N	1.29	6.85	772	17.63	5.5
BP-22A	03/22/12	N	4.52	7.2	749	13.88	3.88
BP-22A	09/13/12	N	2.48	7.16	691	15.67	1.02
BP-22A	04/10/13	N	5.03	7.36	781	9.2	4.35
BP-22A	10/28/13	N	0.6	7.39	834	10.8	--
BP-22A	04/14/14	N	0.3	7.4	811	7.92	--
BP-22A	09/08/14	N	--	7.34	1,594	11.39	--
BP-22A	04/07/15	N	5.95	--	900	9.32	--
BP-22A	09/21/15	N	0.76	7.23	815	9.7	--
BP-22A	06/22/16	N	0.73	7.65	747	9.29	--
BP-22A	06/21/17	N	0.28	7.35	796	9.08	--
BP-22A	06/11/18	N	0.22	7.46	765	9.4	--
BP-22A	06/12/19	N	0.4	7.39	543	8.4	--
BP-22A	09/08/20	N	1.75	7.82	768	14.93	--
BP-22A	06/28/21	N	1.18	6.2	782	9.3	--
BP-22A	08/01/22	N	1.74	7.33	750	13.11	--
BP-22A	08/09/23	N	0.33	7.13	776	9.81	--
BP-22A	08/13/24	N	1.38	7.44	788	8.7	--
BP-22A	08/06/25	N	1.97	7.49	805	12.7	--
BP-23A	05/19/10	N	2.9	7.62	269	11.13	7.55
BP-23A	09/23/10	N	3.77	7.41	268	14.52	28.6
BP-23A	01/12/11	N	4.94	7.83	3.23	1.99	16.1
BP-23A	01/13/11	N	3.61	7.43	293	10.11	--
BP-23A	03/24/11	N	2.66	7.54	256	2.04	19.8
BP-23A	03/25/11	N	1.81	7.61	265	9.02	--
BP-23A	05/18/11	N	5.77	7.72	255	14.47	43
BP-23A	05/19/11	N	4	7.6	259	7.9	--
BP-23A	06/21/11	N	1.4 1.76	7.56 7.61	237 238	8.35 18.89	9.27
BP-23A	10/11/11	N	3.74	7.19	244	14.98	3.05
BP-23A	12/06/11	N	3.52	7.34	263	7.79	4.33
BP-23A	03/21/12	N	2.97	6.88	230	14.03	2.51
BP-23A	09/12/12	N	6.12	7.74	254	18.92	8.9
BP-23A	04/11/13	N	6.98	6.77	160	6.54	2.6
BP-23A	10/28/13	N	0.23	6.97	213	11.17	--
BP-23A	04/14/14	N	6.99	6.32	124	8.77	--
BP-23A	09/08/14	N	--	6.77	374	10.76	--
BP-23A	04/06/15	N	7.95	6.08	106	8.4	--
BP-23A	09/22/15	N	0.44	6.88	221	10.42	--
BP-23A	06/20/16	N	0.27	3.46	207	9.39	--
BP-23A	06/21/17	N	1.04	6.86	207	9.67	--
BP-23A	06/11/18	N	0.89	7.07	221	9.4	--
BP-23A	06/12/19	N	0.51	7.38	180	8.7	--
BP-23A	09/08/20	N	0.88	7.21	258	11.79	--
BP-23A	06/28/21	N	2.11	6.11	254	10.2	--
BP-23A	08/01/22	N	1.05	7.2	253	10.49	--
BP-23A	08/09/23	N	2.04	7.32	253	10.73	--
BP-23A	08/14/24	N	1.85	7.56	267	8.36	--
BP-23A	08/06/25	N	6.2	7.67	272.1	11	--

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-24A	05/19/10	N	3.43	6.22	201	11.07	10.5
BP-24A	09/23/10	N	8.11	6.44	279	13.62	10.8
BP-24A	01/12/11	N	2.17	6.72	229	6.71	28.1
BP-24A	01/13/11	N	6.62	6.63	282	10.48	--
BP-24A	03/24/11	N	3.16 3.41	6.75 6.52	187 222	4.4 9.3	10.1
BP-24A	05/18/11	N	1.73	6.72	197	14.78	17.2
BP-24A	05/19/11	N	4.76	<15.32	226	8.93	--
BP-24A	06/21/11	N	4.83 2.71	6.52 6.28	173 163	14.51 9.06	12.8
BP-24A	10/11/11	N	1.55	6.55	203	17.11	14.3
BP-24A	03/21/12	N	2.33	6.48	221	15.4	1.91
BP-24A	09/12/12	N	3.02	6.31	222	18.62	1.23
BP-24A	04/11/13	N	3.83	6.56	178	7.78	2.77
BP-24A	10/28/13	N	1.53	6.46	207	11.34	--
BP-24A	04/14/14	N	3.26	6.57	178	8.52	--
BP-24A	09/08/14	N	--	6.47	388	16.88	--
BP-24A	04/06/15	N	3.8	6.35	150	8.08	--
BP-24A	09/22/15	N	2.15	6.28	191	10.57	--
BP-24A	06/22/16	N	3.23	6.68	155	9.94	--
BP-24A	06/22/16	FD	3.23	6.68	155	9.94	--
BP-24A	06/21/17	N	1.49	6.5	173	9.85	--
BP-24A	06/11/18	N	1.11	6.5	161	9.7	--
BP-24A	06/12/19	N	1.97	6.49	112	9.2	--
BP-24A	09/08/20	N	4.04	6.78	184	12.22	--
BP-24A	06/28/21	N	2.76	5.85	160	10.5	--
BP-24A	08/01/22	N	2.9	6.08	158	11.2	--
BP-24A	08/09/23	N	2.42	6.43	241	10.79	--
BP-24A	08/14/24	N	0.55	6.36	179	8.24	--
BP-24A	08/06/25	N	1.54	6.35	165.8	11.2	--
BP-25A	05/19/10	N	3.52	6.81	291	10.87	7.78
BP-25A	09/21/10	N	11.16	7.16	297	15.02	23.2
BP-25A	05/18/11	N	2.22	6.45	250	11.24	4.09
BP-25A	10/11/11	N	1	6.37	337	14.81	7.22
BP-25A	03/21/12	N	8.6	5.94	174	11.79	40.2
BP-25A	09/13/12	N	7.02	5.78	218	14.59	11.4
BP-25A	04/10/13	N	7.38	5.72	79	9.12	88.9
BP-25A	10/28/13	N	0.85	6.43	253	12.84	--
BP-25A	04/14/14	N	2.55	6.66	267	7.49	--
BP-25A	09/08/14	N	--	6.03	320	17.27	--
BP-25A	04/07/15	N	5.01	--	423	8.45	--
BP-25A	09/21/15	N	0.37	7.24	343	11.24	--
BP-25A	06/22/16	N	1.32	7.33	284	9.85	--
BP-25A	06/21/17	N	0.97	6.22	201	10	--
BP-25A	06/11/18	N	0.79	6.7	253	9.5	--
BP-25A	06/12/19	N	0.5	7.07	195	8.9	--
BP-25A	09/08/20	N	3.56	7.42	163	15.76	--
BP-25A	06/28/21	N	1.86	5.63	218	10.5	--
BP-25A	08/01/22	N	0.7	6.04	183	12.38	--
BP-25A	08/09/23	N	1.09	6.71	297	10.79	--
BP-25A	08/13/24	N	1.58	6.2	210	10.6	--
BP-25A	08/06/25	N	2.13	6.23	175	15.9	--
BP-26A	05/20/10	N	4.95	6.43	219	14.73	0.8
BP-26A	09/23/10	N	9.43	6.8	490	12.53	29.1
BP-26A	05/18/11	N	5.03	5.97	191	14	0.11
BP-26A	10/12/11	N	6.16	5.68	184	13.62	3.15
BP-26A	03/21/12	N	7.31	5.94	253	12.89	3.13
BP-26A	09/12/12	N	8.81	6.42	429	17.09	6.7
BP-26A	04/11/13	N	7.06	6.19	161	5.77	1.2
BP-26A	10/30/13	N	6.52	6.76	352	12.86	1.12
BP-26A	04/14/14	N	6.04	4.65	179	10.28	1.17
BP-26A	09/10/14	N	7.96	6.85	447	14.06	23.1
BP-26A	04/07/15	N	--	--	175	5.63	1.39
BP-26A	09/23/15	N	--	7.78	437	14.75	--
BP-26A	06/22/16	N	8.9	5.42	279	14.97	3.22
BP-26A	06/21/17	N	4.32	6.05	234	9.3	--
BP-26A	06/11/18	N	7.28	6.29	219	8.7	--
BP-26A	06/12/19	N	5.49	6.29	169	8.4	--
BP-26A	09/08/20	N	7.76	6.72	417	11.41	--
BP-26A	06/28/21	N	7.66	5.77	223	10.1	--
BP-26A	08/01/22	N	9.61	6.71	307	10.3	--

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-26A	08/09/23	N	7.31	6.23	337	10.29	--
BP-26A	08/14/24	N	6.59	6.07	142	9.55	--
BP-26A	08/06/25	N	7.24	6.64	328.7	10.4	--
BP-27	05/19/10	N	3.81	7.4	727	13.82	4.98
BP-27	09/21/10	N	1.95	7.4	806	11.75	2.28
BP-27	05/18/11	N	4.74	7.38	352	15.1	17.3
BP-27	10/12/11	N	0.9	7.28	705	13.59	7.01
BP-27	03/21/12	N	4.65	7.05	500	12.64	3.55
BP-27	09/13/12	N	0.99	7.47	688	13.47	5.76
BP-27	04/10/13	N	3.53	7.14	602	9.31	6.32
BP-27	10/28/13	N	0.44	7.37	767	10.83	--
BP-27	04/14/14	N	0.6	7	503	9.59	--
BP-27	04/07/15	N	13.95	--	829	10.06	--
BP-27	09/22/15	N	1.43	7.2	625	10.75	--
BP-27A	05/19/10	N	3.81	5.78	383	10.99	2.1
BP-27A	09/23/10	N	1.61	5.83	593	15.72	36.5
BP-27A	05/18/11	N	3.8	6.18	315	13.74	31.5
BP-27A	06/21/11	N	1.98	6.18	295	15.18	6.82
BP-27A	10/12/11	N	0.64	6.1	333	14.85	1.59
BP-27A	03/21/12	N	3.85	5.14	279	8.87	1.62
BP-27A	09/13/12	N	0.83	6.08	418	18.97	1.31
BP-27A	04/10/13	N	5.19	6.6	282	7.12	11.1
BP-27A	10/28/13	N	0.42	6.27	363	13.24	--
BP-27A	04/14/14	N	5.32	6.21	265	5.55	--
BP-27A	09/08/14	N	--	6.14	889	12.97	--
BP-27A	04/07/15	N	18.08	--	478	7.75	--
BP-27A	09/22/15	N	0.94	6.12	488	12.87	--
BP-27A	06/22/16	N	1.3	6.43	412	9.99	--
BP-27A	06/21/17	N	1.18	6.18	259	11.19	--
BP-27A	06/11/18	N	1.19	6.26	231	9.4	--
BP-27A	06/12/19	N	1	6.28	155	9.7	--
BP-27A	10/08/19	N	0.65	5.94	318	13.64	1.04
BP-27A	09/09/20	N	3.06	6.21	195	17.62	--
BP-27A	06/28/21	N	1.25	5.83	248	10.8	--
BP-27A	08/01/22	N	0.86	5.96	279	15.14	--
BP-27A	08/09/23	N	1.28	6.11	340	11.63	--
BP-27A	08/13/24	N	1.26	6.02	255	9.47	--
BP-27A	08/06/25	N	3.78	6.3	254.6	17.1	--
BP-28A	05/20/10	N	1.38	7.41	261	13.67	6.72
BP-28A	09/21/10	N	0.72	7.38	270	12.9	9.88
BP-28A	05/18/11	N	1.21	7.44	252	15.63	0.47
BP-28A	10/12/11	N	0.71	7.33	270	13.71	6.5
BP-28A	03/21/12	N	1.42	7.36	275	10.94	33.7
BP-28A	09/13/12	N	0.68	7.39	265	15	7.76
BP-28A	04/10/13	N	1.81	7.49	267	9.6	9.15
BP-28A	10/28/13	N	0.74	7.56	279	11.56	--
BP-28A	04/14/14	N	0.92	7.45	283	10.1	--
BP-28A	09/08/14	N	--	7.33	571	9.96	--
BP-28A	04/07/15	N	8.03	--	409	9.98	--
BP-28A	09/22/15	N	1.02	7.44	285	10.18	--
BP-29	05/20/10	N	1.19	7.01	527	11.73	2.5
BP-29	09/21/10	N	0.72	7.18	537	13.4	5.52
BP-29	05/18/11	N	1.31	7.1	436	16.48	0.6
BP-29	10/12/11	N	1.29	7.03	532	13.6	17.2
BP-29	03/21/12	N	1.15	7.19	489	19.21	7.51
BP-29	09/13/12	N	4.15	6.85	335	20.23	5.7
BP-29	04/10/13	N	5.82	6.76	366	9.48	17.9
BP-29	10/28/13	N	0.56	6.94	385	10.45	--
BP-29	04/14/14	N	1.7	6.03	46	14.45	--
BP-29	09/08/14	N	--	6.57	641	10.28	--
BP-29	04/07/15	N	6.6	--	397	10.18	--
BP-29	09/22/15	N	2.05	6.87	386	10.95	--
BP-30A	05/19/10	N	7.21	5.81	130	9.83	1.5
BP-30A	09/23/10	N	7.67	6.04	184	16.97	35.4
BP-30A	01/12/11	N	7.5	6.25	124	6.52	1.35
BP-30A	01/13/11	N	1.8	6.46	268	10.55	--
BP-30A	03/24/11	N	9.5 0.1	5.5 6.24	66 96	4.92 9.22	13.5
BP-30A	05/18/11	N	4.72	6.41	189	14.98	0.5
BP-30A	05/19/11	N	2.86	6.25	184	8.09	--

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-30A	06/21/11	N	0.13 5.46	6.01 5.8	181 118	8.51 14.18	3.67
BP-30A	10/11/11	N	4.37	5.82	141	13.36	2.07
BP-30A	12/06/11	N	5.73	5.82	76	7.71	4.58
BP-30A	03/21/12	N	7.34	5.19	93	15.75	1.89
BP-30A	09/12/12	N	7.81	5.92	115	14.78	2.78
BP-30A	04/11/13	N	9.82	5.95	64	7.29	3.95
BP-30A	10/28/13	N	5.35	6.14	142	11.27	--
BP-30A	04/14/14	N	8.16	5.93	85	8.98	--
BP-30A	09/08/14	N	--	6.24	331	12.62	--
BP-30A	04/06/15	N	10.75	5.35	45	5.56	--
BP-30A	09/22/15	N	3.18	6.15	173	10.9	--
BP-30A	06/20/16	N	6.57	2.54	134	11.51	--
BP-30A	06/21/17	N	0.59	6.48	206	9.55	--
BP-30A	06/11/18	N	0.08	6.64	374	9.7	--
BP-30A	06/12/19	N	0.86	6.85	220	9	--
BP-30A	10/08/19	N	6.87	5.8	115	12.16	10.1
BP-30A	04/15/20	N	5.26	6.2	122	7.3	1.27
BP-30A	09/08/20	N	5.21	6.63	156	13.21	--
BP-30A	09/10/20	N	4.81	7.14	159	18.36	17.9
BP-30A	11/10/20	N	5.53	5.93	132	17.01	2
BP-30A	04/14/21	N	6.83	6.85	85	8.35	4.01
BP-30A	06/28/21	N	1.53	6.15	336	10.2	--
BP-30A	08/01/22	N	5.35	6.04	158	12.47	--
BP-30A	08/09/23	N	2.34	6.85	467	11.04	--
BP-30A	08/14/24	N	7.56	5.94	82	8.89	--
BP-30A	08/06/25	N	1.97	6.28	179	12.7	--
BP-31A	05/18/10	N	10.26	7.22	261	8.27	86.2
BP-31A	09/22/10	N	3.93	7.43	350	16.45	16.3
BP-31A	11/11/10	N	6.4	6.55	202	11.33	10.4
BP-31A	01/11/11	N	8.27	7.21	285	6.57	79.5
BP-31A	01/12/11	N	8.55	6.88	299	9.3	--
BP-31A	03/24/11	N	4.12	6.41	217	4.9	16
BP-31A	03/25/11	N	2.4	6.59	219	7.79	--
BP-31A	05/17/11	N	6.41	<16.28	219	7.92	--
BP-31A	05/17/11	N	9.11	6.99	214	11.24	23
BP-31A	06/20/11	N	1.12	7.2	304	8.12	--
BP-31A	06/21/11	N	8.94	6.45	276	12.53	30.9
BP-31A	10/11/11	N	8.1	6.57	223	14.2	13.4
BP-31A	03/21/12	N	7.49	6.26	239	9.59	7.58
BP-31A	09/12/12	N	6.61	7.55	322	14.39	6.15
BP-31A	04/11/13	N	3.11	6.71	216	7.39	12.9
BP-31A	10/30/13	N	5.4	7.69	331.7	13.2	7.72
BP-31A	04/15/14	N	5.83	6.41	222.3	10.4	12.4
BP-31A	06/03/14	N	8.3	7.6	327	12.48	5.12
BP-31A	09/10/14	N	6.4	7.83	343.3	14.5	7.26
BP-31A	11/19/14	N	6.46	7.93	351	8.53	10.1
BP-31A	04/08/15	N	9.37	6.77	217	5.49	2.99
BP-31A	06/23/15	N	8.69	6.24	246	12.24	7.19
BP-31A	09/22/15	N	7.19	7.32	326	11.48	1.99
BP-31A	11/17/15	N	5.77	7.64	354.4	9.4	5.33
BP-31A	04/12/16	N	5.32	6.81	238	6.89	2.22
BP-31A	06/21/16	N	1.78	7.56	326.9	12.2	0.27
BP-31A	09/20/16	N	3.19	7.66	279.8	14.2	0.99
BP-31A	04/25/17	N	2.51	6.36	298	7.99	1.59
BP-31A	04/25/17	FD	2.51	6.36	298	7.99	1.59
BP-31A	06/20/17	N	8.52	7.5	290	10.46	7.81
BP-31A	10/10/17	N	6.87	7.37	353	13.8	5.26
BP-31A	04/17/18	N	6.75	6.25	238	5.6	2.7
BP-31A	06/12/18	N	7.11	7.71	319	10.7	2.62
BP-31A	09/25/18	N	4.26	6.59	277	12.7	4.2
BP-31A	03/26/19	N	3.12	6.88	249.3	3.9	4.52
BP-31A	06/11/19	N	7.29	7.12	365	10.4	3.9
BP-31A	09/17/19	N	6.16	7.53	313	11.34	7.23
BP-31A	04/14/20	N	5.21	7.21	340	6.28	2.6
BP-31A	09/09/20	N	5.25	7.52	346	14.19	17.5
BP-31A	11/10/20	N	5.35	7.7	382	12.13	4.45
BP-31A	04/13/21	N	5.3	7.05	335	6.62	1.96
BP-31A	06/29/21	N	6.27	7.26	400	21.4	6.69
BP-31A	10/13/21	N	5.51	7.64	373	13.57	1.95
BP-31A	04/12/22	N	3.52	6.71	267.6	8.3	3.51

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-31A	08/02/22	N	3.3	7.28	362.4	15.5	1.24
BP-31A	10/11/22	N	5.17	7.55	394	11.51	2.39
BP-31A	04/25/23	N	4.52	7.59	405.5	7.2	3.43
BP-31A	08/08/23	N	5.92	7.66	405	14.6	1.94
BP-31A	10/31/23	N	9.2	7.48	433.4	9.1	9.29
BP-31A	04/11/24	N	3.11	6.86	344	8.9	1.68
BP-31A	08/13/24	N	6.56	7.76	424.4	14.7	1.45
BP-31A	11/12/24	N	4.81	7.28	420.8	11.6	2.4
BP-31A	04/08/25	N	1.79	7.08	350.7	5.8	3.42
BP-31A	08/05/25	N	3.13	7.54	435.4	15	1.28
BP-31A	11/18/25	N	6.27	7.45	454.7	10.8	10.7
BP-32A	10/30/13	N	10.67	6.63	78	12.01	32.4
BP-32A	04/16/14	N	6.27	6.23	71.6	4.9	13.3
BP-32A	06/03/14	N	6.5	5.95	120	12.27	8.92
BP-32A	11/19/14	N	6.19	6.09	95	8.5	7.99
BP-32A	04/08/15	N	7.86	6.46	85	4.74	3.84
BP-32A	06/23/15	N	3.28	5.16	75.5	14.1	2.8
BP-32A	11/17/15	N	6.5	6.14	91.5	10.4	2.88
BP-32A	06/21/17	N	3.4	5.99	96	10.16	--
BP-32A	06/11/18	N	5.12	6.06	106	8.5	--
BP-32A	06/11/19	N	2.73	6.35	86	8.7	--
BP-32A	06/28/21	N	7.54	5.87	119	10.8	--
BP-32A	08/09/23	N	3.73	5.73	110	11.87	--
BP-32A	08/14/24	N	4.04	5.85	89	9.99	--
BP-32A	08/05/25	N	8.12	6.88	193.2	11.8	--
BP-34A	05/20/10	N	3.52	7.63	1,288	9.88	479
BP-34A	06/30/10	N	1.2	7.44	1,371	13.11	162
BP-34A	08/03/10	N	4.24	7.15	1,222	22.25	142
BP-34A	11/08/10	N	2.12	7.05	1,363	7.77	38.6
BP-34A	01/10/11	N	3.64	7.33	1,348	5.77	143
BP-34A	01/11/11	N	2.15	7.26	1,368	10.08	--
BP-34A	03/22/11	N	3.04	7.39	1,250	3.61	51.7
BP-34A	03/23/11	N	1.26	7.38	1,272	7.89	--
BP-34A	05/16/11	N	0.6	6.95	1,233	8.5	22.7
BP-34A	05/17/11	N	0.26	<15.46	1,221	7.39	--
BP-34A	06/21/11	N	1.42	7.46	1,090	8.42	--
BP-34A	06/22/11	N	0.86	7.17	1,122	20.51	46
BP-34A	10/10/11	N	0.9	6.47	1,397	17.66	22.1
BP-34A	12/05/11	N	1.06	7.21	1,232	9.75	12.9
BP-34A	03/20/12	N	0.59	7.12	1,137	16.79	30
BP-34A	09/11/12	N	1.25	7.2	1,071	16.06	23.6
BP-34A	04/09/13	N	1.98	7.32	1,308	8.11	29
BP-34A	10/29/13	N	1.01	7.22	1,266	10.01	24.2
BP-34A	04/16/14	N	0.49	7.72	1,154	5.38	19.6
BP-34A	06/04/14	N	4.62	7.11	1,189	11.97	2.94
BP-34A	09/09/14	N	1.03	7.2	1,317	14.03	16.5
BP-34A	11/20/14	N	0.88	7.29	1,204	8.68	84.7
BP-34A	04/09/15	N	0.94	7.11	1,292	6.16	8.84
BP-34A	06/24/15	N	0.4	6.76	1,341	12.75	2.69
BP-34A	09/23/15	N	0.39	7.53	1,274	13.13	1.55
BP-34A	11/18/15	N	0.63	7.19	1,165	10.94	1.5
BP-34A	04/13/16	N	1.46	7.28	1,084	6.57	2.55
BP-34A	06/21/16	N	0.71	7.14	910	14.6	2.89
BP-34A	09/21/16	N	0.36	7.15	1,314	15.2	2.37
BP-34A	04/25/17	N	4.33	7.5	1,113	9.95	2.32
BP-34A	06/20/17	N	5.15	7.29	1,624	14.41	2.36
BP-34A	10/10/17	N	1.16	6.93	1,378	14.27	6.88
BP-34A	04/17/18	N	1.02	7.15	1,193	4.87	3.6
BP-34A	06/12/18	N	0.03	7.08	1,155	10.1	3.85
BP-34A	09/26/18	N	0.63	7.07	1,325	16.1	3.2
BP-34A	03/26/19	N	0.24	7.29	1,066	7	2.09
BP-34A	06/11/19	N	0.31	6.89	1,041	10.4	2.5
BP-34A	09/17/19	N	0.4	7.27	1,097	14.99	3.35
BP-34A	10/08/19	N	0.99	7.13	1,242	14.28	23.3
BP-34A	04/15/20	N	0.49	7.18	1,314	6.37	0.97
BP-34A	09/10/20	N	0.28	6.93	1,440	17.03	0.99
BP-34A	11/11/20	N	1.4	7.11	1,308	13.76	6.16
BP-34A	04/14/21	N	0.7	7.31	1,226	10.49	1.66
BP-34A	06/30/21	N	0.19	6.19	1,243	15.4	1.87
BP-34A	10/13/21	N	0.35	7.12	1,186	15.17	1.23
BP-34A	11/15/21	N	0.36	7.22	1,251	12.48	--

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-34A	04/12/22	N	0.39	7.23	1,081	10.8	2.13
BP-34A	08/03/22	N	0.78	7.2	1,261	13.9	1.09
BP-34A	10/11/22	N	0.47	7.06	1,385	14.01	1.91
BP-34A	04/25/23	N	0.41	7.1	1,345	8.1	1.38
BP-34A	08/08/23	N	3.22	5.86	2,471	15.64	1,000
BP-34A	10/31/23	N	2.75	5.33	4,443	10.6	1,000
BP-34A	04/09/24	N	0.81	5.6	2,553	10.7	1,000
BP-34A	08/13/24	N	0.64	5.99	2,515	18.4	1,000
BP-34A	11/12/24	N	8.78	5.86	2,651	9	975
BP-34A	04/08/25	N	0.33	5.95	2,823	4.6	486
BP-34A	08/05/25	N	0.39	6.31	2,568	18.9	44
BP-34A	11/18/25	N	0.29	6.37	3,266	10.1	33.5
BP-35A	06/30/10	N	4.79	6.45	729	16.24	167
BP-35A	08/03/10	N	2.29	6.79	749	19.42	220
BP-35A	11/08/10	N	9.72	7.56	680	7.59	166
BP-35A	01/10/11	N	6.03	7.77	570	5.03	>1,000
BP-35A	01/11/11	N	5.5	7.43	578	10.12	--
BP-35A	03/22/11	N	7.91	7.64	527	8.18	--
BP-35A	03/23/11	N	9.55	7.68	536	1.55	163
BP-35A	05/16/11	N	7.21	7.43	550	8.31	288
BP-35A	05/17/11	N	5.68	7.68	530	7.29	--
BP-35A	06/21/11	N	2.34	7.66	462	8.21	--
BP-35A	06/22/11	N	7.41	7.55	483	15.56	334
BP-35A	10/10/11	N	6.56	6.84	577	15.88	21.5
BP-35A	12/05/11	N	4.44	7.58	575	10.76	28.4
BP-35A	03/20/12	N	7.32	7.42	441	16.48	15
BP-35A	09/11/12	N	1.93	7.5	489	11.51	23.9
BP-35A	04/09/13	N	9.58	7.91	489	8.35	42.5
BP-35A	10/29/13	N	7.13	8.37	477.6	9.1	25.5
BP-35A	04/16/14	N	7.07	8	619.1	5.7	22.7
BP-35A	06/04/14	N	7.09	8.04	604	12.26	15.1
BP-35A	09/09/14	N	7.08	7.99	747	13.73	58.3
BP-35A	11/20/14	N	6.44	7.84	706	6.72	29.3
BP-35A	04/09/15	N	10.15	7.7	855	6	3.23
BP-35A	06/24/15	N	0.4	6.76	1,341	12.75	2.69
BP-35A	09/23/15	N	2.84	7.53	746	12.28	4.78
BP-35A	11/18/15	N	4.48	7.46	652	9.16	5.57
BP-35A	04/13/16	N	8.64	7.53	681	5.78	5.13
BP-35A	06/21/16	N	5.53	7.58	805	13.6	2.22
BP-35A	06/21/16	FD	5.53	7.58	805	13.6	2.22
BP-35A	09/20/16	N	3.89	7.54	677	17.21	19.6
BP-35A	04/25/17	N	6.59	7.72	782	9.23	2.06
BP-35A	06/20/17	N	4.51	7.49	1,137	14.2	2.54
BP-35A	10/10/17	N	6.37	7.19	800	14.16	13.4
BP-35A	04/17/18	N	7.15	7.1	801	5.8	2.8
BP-35A	06/12/18	N	0.76	7.13	814	11.4	2.7
BP-35A	09/25/18	N	7.38	7.21	771	14	2.7
BP-35A	03/26/19	N	5.91	7.48	805	7.28	5.43
BP-35A	06/11/19	N	2.05	6.9	893	12.8	1.2
BP-35A	09/17/19	N	0.58	7.4	896	14.88	3.66
BP-35A	04/15/20	N	4.89	7.34	846	4.99	1.24
BP-35A	09/10/20	N	0.95	7.26	896	20.26	7.52
BP-35A	11/10/20	N	3.35	7.55	917	15.54	1.99
BP-35A	04/13/21	N	9.8	7.55	852	9.36	2.43
BP-35A	06/29/21	N	4.35	6.19	883	13.9	7.02
BP-35A	10/13/21	N	1.54	7.29	837	14.51	2.16
BP-35A	11/15/21	N	2.84	7.31	809	12.35	--
BP-35A	04/12/22	N	5.8	7.5	896	8.7	3.37
BP-35A	08/02/22	N	4.69	7.49	896	19.1	13.1
BP-35A	10/11/22	N	4.03	7.32	939	13.46	1.47
BP-35A	04/25/23	N	7.26	7.46	1,112	8.26	4.12
BP-35A	08/09/23	N	7.12	6.83	1,278	13.93	54.5
BP-35A	10/31/23	N	2.45	6.82	1,432	10.5	5.26
BP-35A	04/09/24	N	0.88	6.97	1,661	8.9	5.93
BP-35A	08/13/24	N	0.23	6.97	1,813	15.1	25.1
BP-35A	11/12/24	N	0.9	6.84	1,814	8.7	19.8
BP-35A	04/08/25	N	0.33	6.96	2,010	4.7	10.4
BP-35A	08/05/25	N	0.81	6.9	2,447	16.6	10.9
BP-35A	11/18/25	N	0.29	7.05	2,120	9.9	39.3
BP-36A	05/20/10	N	2.77	6.85	478	19.58	9.12
BP-36A	08/04/10	N	2.92	6.63	489	21.08	12

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-36A	09/22/10	N	6.57	7.12	495	15.1	24.2
BP-36A	11/10/10	N	2.32	7.12	494	11.97	37
BP-36A	01/11/11	N	1.68	7.27	508	6.8	6.38
BP-36A	01/12/11	N	5.69	7.31	492	9.2	--
BP-36A	03/23/11	N	1.27	7.23	479	4.11	119
BP-36A	05/17/11	N	0.22	7.37	473	7.54	--
BP-36A	05/17/11	N	1.2	7.02	450	12.19	10.3
BP-36A	06/20/11	N	1	7.38	413	8.37	--
BP-36A	06/21/11	N	1.35	7	468	12.91	20.2
BP-36A	10/11/11	N	1.45	6.83	4.39	18.5	7.63
BP-36A	12/06/11	N	1.87	7.2	434	9.26	28.7
BP-36A	03/21/12	N	1.59	7.19	463	10.68	7.21
BP-36A	09/12/12	N	5.94	7.18	450	14.25	5.91
BP-36A	04/11/13	N	2.06	7.33	448	7.24	34.7
BP-36A	10/30/13	N	0.48	7.33	472.2	9.4	4.12
BP-36A	04/15/14	N	1.58	6.63	476	8.17	18.7
BP-36A	06/04/14	N	3.97	7.3	466	10.57	1.02
BP-36A	09/09/14	N	1.12	7.31	577	13.99	8.33
BP-36A	11/20/14	N	0.6	7.27	497	9.1	1.99
BP-36A	04/08/15	N	0.7	7.27	440	5.55	1.99
BP-36A	06/23/15	N	0.98	6.8	510	15.1	1.72
BP-36A	09/22/15	N	1.41	5.87	864	13.74	--
BP-36A	11/17/15	N	0.43	6.48	537	11.6	782
BP-36A	04/13/16	N	1.41	7.28	467	8.55	11.8
BP-36A	06/22/16	N	0.22	7.09	551.3	12	3.62
BP-36A	06/22/16	FD	0.22	7.09	551.3	12	3.62
BP-36A	09/20/16	N	0.38	7.28	480.7	16.8	9.86
BP-36A	04/25/17	N	0.11	7.35	496	8.48	13.4
BP-36A	06/20/17	N	0.28	7.06	549	12.76	5.67
BP-36A	10/10/17	N	0.43	6.73	658	14.59	4.99
BP-36A	04/17/18	N	0.2	6.38	626	6	9
BP-36A	06/12/18	N	0.64	7.06	607	13.8	4.7
BP-36A	09/25/18	N	0.47	7.17	740	14.3	2.2
BP-36A	03/26/19	N	0.12	7.13	645	7.25	3.71
BP-36A	06/11/19	N	0.27	6.78	631	11.1	1.4
BP-36A	09/17/19	N	0.22	7.28	710	14.49	4.01
BP-36A	04/15/20	N	0.21	6.93	683	5.46	0.97
BP-36A	09/10/20	N	0.35	6.93	823	18.38	1.39
BP-36A	11/10/20	N	0.64	6.97	769	12.11	0.9
BP-36A	04/14/21	N	0.63	7.07	682	9.47	13.3
BP-36A	06/30/21	N	0.13	6.35	768	13.7	1.37
BP-36A	10/13/21	N	0.48	7.1	734	14.91	2.95
BP-36A	11/15/21	N	1.69	6.96	764	12.35	--
BP-36A	04/12/22	N	0.2	6.92	741	9.2	3.93
BP-36A	08/02/22	N	0.22	7.11	799	15.9	2.73
BP-36A	10/11/22	N	0.22	7	959	12.82	2.9
BP-36A	04/25/23	N	0.5	6.99	810	8.29	65.9
BP-36A	08/08/23	N	6.67	6.24	727	14.42	1,000
BP-36A	10/31/23	N	0.37	6.49	960	10.6	1,000
BP-36A	04/09/24	N	0.49	6.69	975	8.2	7.85
BP-36A	08/13/24	N	3.57	6.78	1,066	13.7	16.7
BP-36A	11/12/24	N	0.52	6.49	1,119	8.9	86.1
BP-36A	04/08/25	N	0.32	6.82	1,066	5.2	10.5
BP-36A	08/06/25	N	1.33	6.73	913	15	75.5
BP-36A	11/18/25	N	1.41	7.06	1,059	9.6	12.3
BP-37A	05/20/10	N	7.98	6.74	437	12.05	81.3
BP-37A	08/04/10	N	0.84	7.26	485	20.67	63.2
BP-37A	09/21/10	N	298	7.33	482	17.21	114
BP-37A	11/09/10	N	4.33	7.18	447	9.76	15.7
BP-37A	01/10/11	N	3.44 0.92	7.52 7.4	375 355	4.34 9.78	5.6
BP-37A	03/22/11	N	5.85	7.54	377	4.46	39.2
BP-37A	03/24/11	N	4.07	7.48	381	6.36	--
BP-37A	05/16/11	N	1.05	7.25	347	8.36	107
BP-37A	05/17/11	N	0.36	7.4	378	7.31	--
BP-37A	06/21/11	N	0.79	7.34	335	8.35	--
BP-37A	06/22/11	N	1.45	6.96	331	13.09	38
BP-37A	10/10/11	N	2.84	7.01	437	14.74	17.2
BP-37A	12/05/11	N	4.94	7.33	387	11.35	23.6
BP-37A	03/20/12	N	4.11	7.3	316	9.98	20
BP-37A	09/11/12	N	5.47	7.52	367	15.6	33.6

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-37A	04/09/13	N	4.52	7.51	364	11.7	53.9
BP-37A	10/29/13	N	2.11	7.38	335.2	9.2	15.3
BP-37A	04/16/14	N	3.71	7.71	361	5.57	144
BP-37A	06/04/14	N	4.1	7.23	396	12.78	20.2
BP-37A	09/09/14	N	5.45	7.51	876	15.69	5.18
BP-37A	11/20/14	N	5.44	7.23	438	9.58	2.85
BP-37A	04/09/15	N	5.99	7.46	548	5.94	19.4
BP-37A	06/24/15	N	4.07	7.06	632	13.4	149
BP-37A	09/22/15	N	3.64	6.74	544	15.96	4.58
BP-37A	11/17/15	N	7.08	7.22	564	11.55	1.65
BP-37A	04/13/16	N	2.04	7.23	555	7.83	9.43
BP-37A	06/22/16	N	1.78	7.11	667	16	34.3
BP-37A	09/21/16	N	6.57	7.33	751	14.7	38.5
BP-37A	04/25/17	N	7.5	6.97	737	9.65	10.1
BP-37A	06/20/17	N	0.41	7	655	15.07	9.45
BP-37A	10/11/17	N	3.86	7	697	13.71	3
BP-37A	04/18/18	N	1.2	7.17	691	6.33	10.4
BP-37A	06/12/18	N	0.18	6.99	682	15.4	9.18
BP-37A	09/25/18	N	1.39	6.55	817	15.7	3.2
BP-37A	03/26/19	N	0.55	6.89	603	6.5	4.5
BP-37A	06/11/19	N	0.47	6.21	666	14.9	0.7
BP-37A	09/17/19	N	3.68	6.99	709	17.04	0.98
BP-37A	04/14/20	N	0.37	6.91	575	7.45	4.78
BP-37A	09/09/20	N	0.78	8.73	692	19.3	3.53
BP-37A	11/11/20	N	2.67	6.78	709	14.9	0.76
BP-37A	04/13/21	N	4.23	6.97	673	8.74	0.66
BP-37A	06/29/21	N	3.36	6.81	674	19.5	0.84
BP-37A	10/13/21	N	0.92	6.84	630	15.34	0.7
BP-37A	11/15/21	N	0.05	6.94	730	11.98	--
BP-37A	04/12/22	N	3.04	6.96	579.7	9.8	2.31
BP-37A	08/03/22	N	0.47	6.95	656	15.4	0.56
BP-37A	10/11/22	N	1.98	6.86	744	14.8	1.14
BP-37A	04/25/23	N	0.75	6.86	721.4	8.8	0.67
BP-37A	08/08/23	N	0.89	6.77	782	15.29	27.6
BP-37A	11/01/23	N	0.73	6.74	885	9.6	4.44
BP-37A	04/10/24	N	0.23	6.96	826	9.3	12.7
BP-37A	08/14/24	N	0.41	6.91	921	14.3	3.34
BP-37A	11/12/24	N	0.65	6.87	961	10.3	3.11
BP-37A	04/08/25	N	0.3	6.85	800	5.4	6.59
BP-37A	08/05/25	N	2.31	6.87	757	14.9	1.97
BP-37A	11/18/25	N	0.44	7.09	927	10.7	1.46
BP-38A	05/20/10	N	8.48	5.84	375	11.93	36.7
BP-38A	08/04/10	N	5.4	7.05	377	17.06	13.9
BP-38A	09/22/10	N	1.37	7.07	366	12.95	27.2
BP-38A	11/11/10	N	7.87	6.77	237	9.53	127
BP-38A	01/11/11	N	7.26	7.01	289	6.89	30.4
BP-38A	01/12/11	N	3.71	6.94	308	10.09	--
BP-38A	03/21/11	N	4.07	6.41	209	7.76	--
BP-38A	03/23/11	N	4.18	6.54	200	3.94	41.7
BP-38A	05/16/11	N	3.07	6.83	257	7.66	--
BP-38A	05/17/11	N	3.65	6.79	279	14.78	51
BP-38A	06/20/11	N	2.57	7.07	293	8.43	--
BP-38A	06/21/11	N	2.8	7.14	352	17.54	23.3
BP-38A	10/11/11	N	8.45	5.88	198	13.64	14
BP-38A	12/06/11	N	4.52	6.09	238	9.07	11.9
BP-38A	03/21/12	N	7.62	6.24	217	12.5	40.2
BP-38A	09/12/12	N	3.06	7.1	355	13.14	24.7
BP-38A	04/11/13	N	7.32	6.47	183	7.51	44.6
BP-38A	10/30/13	N	4.18	7.25	349	12.35	31.1
BP-38A	04/15/14	N	3.64	6.41	214	5.6	17.4
BP-38A	06/03/14	N	4.48	6.62	301	12.1	13.2
BP-38A	09/10/14	N	1.08	7.15	388	13.4	3.64
BP-38A	11/19/14	N	3.19	7.25	388	8.59	10.9
BP-38A	04/08/15	N	4.93	6.47	231	5.81	2.88
BP-38A	06/23/15	N	2.12	5.41	182.4	12	2.51
BP-38A	09/22/15	N	2.29	7.06	359	12.4	6.23
BP-38A	11/17/15	N	3.39	7.05	381	9.8	1.07
BP-38A	04/12/16	N	6.36	6.47	180	7.74	1.68
BP-38A	06/21/16	N	3.8	6.63	212	13.05	2.33
BP-38A	09/20/16	N	1.91	7.22	301.8	13.1	1.73
BP-38A	04/25/17	N	3.94	6.02	249	8.5	1.18

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-38A	06/20/17	N	4.75	6.36	525	13.07	3.08
BP-38A	10/10/17	N	2.65	6.76	386	14.55	2.07
BP-38A	04/17/18	N	1.79	6	148	5.66	16.1
BP-38A	06/12/18	N	0.45	6.41	241	12.5	17.9
BP-38A	09/25/18	N	3.82	5.71	240	12.5	32.8
BP-38A	03/26/19	N	8.38	6.2	193	6.43	2.29
BP-38A	06/11/19	N	4.1	6.12	191	12.1	0.6
BP-38A	09/17/19	N	0.72	6.62	373	12.06	0.8
BP-38A	04/14/20	N	7.28	5.93	175	6.28	1.27
BP-38A	09/09/20	N	1.79	6.51	421	14.77	1.2
BP-38A	11/10/20	N	1.42	6.86	401	15.32	1.05
BP-38A	04/13/21	N	1	6.18	140	7.2	1.86
BP-38A	06/29/21	N	2.06	6.05	216	13.2	0.57
BP-38A	10/13/21	N	0.35	6.36	363	13.39	0.59
BP-38A	11/15/21	N	0.07	6.34	241	12.12	--
BP-38A	04/12/22	N	0.63	5.88	198.9	5.7	2.36
BP-38A	08/02/22	N	0.31	6.3	360.2	15.3	2.47
BP-38A	10/11/22	N	0.23	6.55	423	12.6	0.77
BP-38A	04/25/23	N	0.67	6.27	229	7.36	4.57
BP-38A	08/08/23	N	5.85	6.12	696	13.65	222
BP-38A	10/31/23	N	1.92	6.44	807	8.6	70.9
BP-38A	04/11/24	N	0.3	6.6	511	9.5	25
BP-38A	08/13/24	N	1.34	6.68	495	15	38.2
BP-38A	11/12/24	N	0.55	6.53	571.1	9.8	6.57
BP-38A	04/08/25	N	0.35	6.63	313.5	4.9	7.16
BP-38A	08/05/25	N	1.92	7.09	430	19	8.09
BP-38A	11/18/25	N	5.77	6.29	354.1	9.9	43.8
BP-39A	05/20/10	N	9.6	5.78	186	10.57	43.2
BP-39A	09/22/10	N	2.22	6.54	329	14.76	29.3
BP-39A	11/11/10	N	3.98	5.9	107	11.8	5.07
BP-39A	01/11/11	N	5.41	6.17	124	3.36	7.48
BP-39A	01/12/11	N	5.57	5.91	148	9.65	--
BP-39A	03/21/11	N	4.78	6.38	120	7.96	--
BP-39A	03/24/11	N	6.61	5.79	110	4.11	64.6
BP-39A	05/16/11	N	3.47	6.09	166	7.73	--
BP-39A	05/17/11	N	2.54	6.01	123	9.77	13.2
BP-39A	06/20/11	N	1.19	5.89	167	8.1	--
BP-39A	06/21/11	N	2.38	5.59	120	13.12	47.4
BP-39A	10/11/11	N	2	5.66	111	13.2	4.22
BP-39A	12/06/11	N	3.52	5.81	100	8.81	4.98
BP-39A	03/21/12	N	4.68	5.18	107	10.28	9.87
BP-39A	09/12/12	N	6.51	5.95	136	15.87	3.96
BP-39A	04/11/13	N	5.15	6.01	96	7.37	15.6
BP-39A	10/30/13	N	2.04	5.91	121.5	13.1	4.32
BP-39A	04/15/14	N	5.62	5.96	109.9	5.1	6.32
BP-39A	06/03/14	N	6.99	5.94	137	12.92	2.32
BP-39A	09/10/14	N	5.89	5.94	156.5	14.7	6.72
BP-39A	11/19/14	N	6.76	5.96	118	7.8	5.89
BP-39A	04/08/15	N	8.42	5.84	85	5.1	1.75
BP-39A	06/23/15	N	4.12	5.22	110.3	12.3	0.95
BP-39A	09/22/15	N	4.39	5.74	154	11.74	2.29
BP-39A	11/17/15	N	5.9	5.98	124.1	9.8	2.49
BP-39A	04/12/16	N	5.71	6.25	124	6.45	0.99
BP-39A	06/21/16	N	3.06	6.15	127.2	12.3	0.37
BP-39A	09/20/16	N	5.37	6.03	140	15.18	3.18
BP-39A	04/25/17	N	4.51	5.42	187	7.55	3.06
BP-39A	06/20/17	N	1.79	5.94	110	12.12	3.87
BP-39A	10/10/17	N	1.11	5.88	202	13.95	5.03
BP-39A	04/17/18	N	2.18	5.9	114	5.86	2
BP-39A	06/12/18	N	0.33	6.01	128	11.2	2.29
BP-39A	09/25/18	N	1.24	5.84	140	13.7	5.8
BP-39A	03/26/19	N	0.79	5.96	130	3.86	1.5
BP-39A	06/11/19	N	0.94	5.8	118	13	1.2
BP-39A	09/17/19	N	0.65	5.82	171	11.57	2.98
BP-39A	10/08/19	N	7.48	5.71	168	13.43	3.43
BP-39A	04/15/20	N	9.84	6.25	128	6.31	3.18
BP-39A	09/10/20	N	1.84	6.87	185	17.14	14.3
BP-39A	11/10/20	N	5.18	6.16	175	13.41	3.06
BP-39A	04/14/21	N	3.31	6.22	130	7.16	2.79
BP-39A	06/30/21	N	0.22	4.91	174	12.1	1.59
BP-39A	10/13/21	N	2.1	5.86	164	13.82	1.01

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-39A	04/12/22	N	2.42	5.98	111.5	8.3	1.41
BP-39A	08/02/22	N	0.38	6.01	229.7	14.5	0.69
BP-39A	10/11/22	N	2.56	5.76	174	11.1	1.53
BP-39A	04/25/23	N	0.92	6.28	228	7.17	0.74
BP-39A	08/08/23	N	7.28	6.36	359	13.9	4.06
BP-39A	10/31/23	N	3.49	6.44	419.9	9.1	2.3
BP-39A	04/09/24	N	0.68	6.26	1,756	6.7	0.62
BP-39A	08/13/24	N	1.51	6.09	228.9	14.3	4.31
BP-39A	11/12/24	N	0.84	6.3	384.6	9.6	9.71
BP-39A	04/08/25	N	1	6.3	163.1	5.6	2.1
BP-39A	08/05/25	N	0.88	6.22	252.3	16.1	44
BP-39A	11/18/25	N	4.91	6.07	155.3	8.1	4.28
BP-40A	05/20/10	N	10.59	5.93	169	11.37	18.7
BP-40A	11/11/10	N	6.33	5.8	100	12.51	31.1
BP-40A	01/11/11	N	9.75	6.92	195	3.88	7.2
BP-40A	01/13/11	N	10.65	6.37	217	9.93	--
BP-40A	03/21/11	N	6.74	5.77	82	7.6	--
BP-40A	03/24/11	N	7.32	5.87	75	5.52	12.1
BP-40A	05/16/11	N	4.66	<15.18	103	7.29	--
BP-40A	05/17/11	N	4.77	5.79	95	10.75	7.97
BP-40A	06/20/11	N	4.2	6.02	181	7.95	--
BP-40A	06/21/11	N	4.5	5.92	164	12.55	30.8
BP-40A	10/11/11	N	3.27	5.68	99	15.08	48.7
BP-40A	12/06/11	N	4.46	5.77	113	9.28	3.12
BP-40A	03/21/12	N	5.78	5.09	100	11.87	6.63
BP-40A	09/12/12	N	8.1	5.98	129	14.58	4.01
BP-40A	04/11/13	N	7.44	5.67	62	7.82	402
BP-41A	10/11/22	N	0.67	6.4	871	13.1	6.56
BP-41A	04/25/23	N	0.36	6.6	506	8.14	5.13
BP-41A	08/08/23	N	0.54	6.21	791	14.46	9.08
BP-41A	10/31/23	N	0.48	6.47	654.6	10.5	9.24
BP-41A	04/10/24	N	0.21	6.16	271.4	9.6	3.09
BP-41A	08/13/24	N	1.75	6.3	563	13.8	7.03
BP-41A	11/12/24	N	1.23	6.37	553.3	8.7	7.36
BP-41A	04/08/25	N	0.33	6.33	309.7	5.5	9.31
BP-41A	08/05/25	N	0.46	6.36	432.7	18.2	17.7
BP-41A	11/19/25	N	2.42	6.18	426.1	8	24.3
BP-42AS	10/11/22	N	7.46	6.87	394	15.49	1.53
BP-42AS	04/25/23	N	7.25	6.52	309	7.37	1.39
BP-42AS	08/08/23	N	0.51	6.16	394	15.38	0.72
BP-42AS	10/31/23	N	0.24	6.85	465.6	10.3	1.77
BP-42AS	04/10/24	N	1.18	6.93	502	9.5	14.3
BP-42AS	08/13/24	N	1.28	6.57	580.5	15.7	4.28
BP-42AS	11/13/24	N	1.36	6.68	492.9	9.6	1.94
BP-42AS	04/08/25	N	0.65	6.83	539.5	3.5	3.23
BP-42AS	08/05/25	N	0.44	6.66	635	14.7	3.62
BP-42AS	11/18/25	N	0.78	6.37	604.8	9.7	4.23
BP-42AI	10/11/22	N	6.09	7.12	494	13.85	2.6
BP-42AI	04/25/23	N	4.8	7.2	604	7.68	2.15
BP-42AI	08/08/23	N	0.43	6.59	645	14.59	4.56
BP-42AI	10/31/23	N	0.14	7.16	669.5	11	0.6
BP-42AI	04/10/24	N	0.58	7.25	725	9.5	1.42
BP-42AI	08/13/24	N	0.3	7.28	688	14.6	0.91
BP-42AI	11/13/24	N	0.44	7.12	578	10.9	0.75
BP-42AI	04/08/25	N	1.51	7.57	702.9	4	0.9
BP-42AI	08/05/25	N	0.38	7.32	675	15	3.52
BP-42AI	11/18/25	N	1.32	7.29	679	8.6	18.8
BP-42AD	10/11/22	N	2.07	7.21	594	14.51	4.92
BP-42AD	10/14/22	N	1.63	7.22	593	10.4	3
BP-42AD	04/25/23	N	0.34	7.35	606	8.2	2.67
BP-42AD	08/08/23	N	0.42	6.55	624	14.01	128
BP-42AD	10/31/23	N	0.49	7.17	609.4	10.7	9.67
BP-42AD	04/10/24	N	0.24	7.31	704	9.7	3.24
BP-42AD	08/13/24	N	0.35	7.32	615.5	14.5	4.35
BP-42AD	11/13/24	N	2.67	7.36	521	10.4	4.09
BP-42AD	08/05/25	N	1.55	7.34	545.1	16.3	4.65
BP-43AS	10/11/22	N	6.39	6.99	469	14.76	2.5
BP-43AS	04/25/23	N	5.37	6.32	253	7.46	1.87
BP-43AS	08/08/23	N	1.01	5.89	360	15.18	0.6
BP-43AS	10/31/23	N	0.16	6.36	366.6	11.7	0.84
BP-43AS	04/10/24	N	1.9	6.67	438	9	18.4

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-43AS	08/13/24	N	1.53	6.58	521.1	16.3	4.34
BP-43AS	11/13/24	N	1.48	6.33	608	9	1.19
BP-43AS	04/08/25	N	0.28	6.77	403.3	3.1	11.2
BP-43AS	08/05/25	N	1.5	6.4	618	21.2	16.7
BP-43AS	11/18/25	N	0.44	6.31	652.5	9.4	12.7
BP-43AI	10/11/22	N	2.7	7.21	517	14.53	2.76
BP-43AI	10/14/22	N	2.64	7.24	509	10.9	1.23
BP-43AI	04/25/23	N	2.03	7.5	620	8.23	2.27
BP-43AI	08/08/23	N	0.48	6.97	626	14.64	0.83
BP-43AI	10/31/23	N	0.18	7.52	611.1	11.5	0.77
BP-43AI	04/10/24	N	0.42	7.64	638	9.7	2.59
BP-43AI	08/13/24	N	0.25	7.61	614.6	15	2.78
BP-43AI	11/13/24	N	2.47	7.31	588	9	10.5
BP-43AI	04/08/25	N	0.65	8	568.9	4.3	1.23
BP-43AI	08/05/25	N	0.42	7.48	574	21.1	3.89
BP-43AI	11/18/25	N	1.71	7.18	639.3	8.2	4.66
BP-43AD	10/11/22	N	5.93	7.13	464	14.3	5.91
BP-43AD	04/25/23	N	6.23	7.42	611	8.79	4.31
BP-43AD	08/08/23	N	0.38	6.79	620	13.62	4
BP-43AD	10/31/23	N	0.21	7.31	588.4	10.8	3.19
BP-43AD	04/10/24	N	3.37	7.51	586	9.9	3.93
BP-43AD	08/13/24	N	0.33	7.41	550.3	14.6	1.09
BP-43AD	11/13/24	N	2.54	7.32	543	8.9	3.45
BP-43AD	08/05/25	N	0.86	7.38	720	19.3	12.2
BP-44AS	10/12/22	N	5.59	6.71	595	12.59	3.66
BP-44AS	04/26/23	N	4.49	6.09	215	7.35	1.17
BP-44AS	08/09/23	N	0.75	5.8	408	14.67	0.59
BP-44AS	10/31/23	N	4.34	6.38	319.6	11.5	0.49
BP-44AS	04/11/24	N	0.48	6.33	358.2	8.3	7.57
BP-44AS	08/13/24	N	1.74	6.23	341.9	16.2	0.95
BP-44AS	11/11/24	N	0.88	6.36	438.7	6.36	2.4
BP-44AS	04/08/25	N	0.38	6.53	362.4	2.8	4.18
BP-44AS	08/06/25	N	1.35	6.25	438	16.3	2.29
BP-44AS	11/19/25	N	5.4	6.33	466	8.7	5.93
BP-44AI	10/12/22	N	6.18	7.15	439	11.58	3.37
BP-44AI	04/26/23	N	5.89	7.4	502	7.38	3.5
BP-44AI	08/09/23	N	3.36	6.89	525	14.53	0.65
BP-44AI	10/31/23	N	0.17	7.34	522.3	11.1	1.33
BP-44AI	04/11/24	N	3.81	7.56	588	9	2.05
BP-44AI	08/14/24	N	0.49	7.36	599.4	12.6	1.16
BP-44AI	11/12/24	N	0.58	7.23	578	9.8	1.7
BP-44AI	04/08/25	N	0.31	7.7	605.6	3.2	0.71
BP-44AI	08/07/25	N	0.45	7.5	609.6	13.7	0.9
BP-44AI	11/19/25	N	0.38	7.28	629.4	9.3	0.78
BP-44AD	10/12/22	N	4.27	6.53	516	10.86	2.53
BP-44AD	04/26/23	N	3.28	7.31	606	8.06	4.6
BP-44AD	08/09/23	N	0.4	6.7	615	13.79	3.67
BP-44AD	10/31/23	N	0.12	7.14	584.3	10.6	0.38
BP-44AD	04/11/24	N	0.24	7.39	622	9.9	14.3
BP-44AD	08/14/24	N	0.31	7.28	620.8	12	0.83
BP-44AD	11/12/24	N	0.24	7.19	600	10.4	1.2
BP-44AD	08/07/25	N	0.41	7.39	615	13.9	4.66
BP-45AS	10/12/22	N	6.09	6.8	431	14.22	2.07
BP-45AS	04/26/23	N	8.37	6.53	243	7.46	1.73
BP-45AS	08/09/23	N	3.74	6.76	425	15.56	4.94
BP-45AS	11/01/23	N	2.29	6.22	454.7	11.5	2.31
BP-45AS	04/11/24	N	6.62	6.64	374.9	9	1.3
BP-45AS	08/14/24	N	4.54	6.48	487.4	14	5.67
BP-45AS	04/08/25	N	8.07	6.65	410.1	3	2.77
BP-45AI	10/12/22	N	6.51	7.36	393	13.33	5.01
BP-45AI	04/26/23	N	6.85	7.54	426	8.49	6.38
BP-45AI	08/09/23	N	0.41	6.76	457	15.03	2.64
BP-45AI	10/31/23	N	0.18	7.4	449.6	11	0.41
BP-45AI	04/11/24	N	3.13	7.61	477	10.7	0.84
BP-45AI	08/14/24	N	0.35	7.39	462.5	14	0.64
BP-45AI	11/12/24	N	0.56	7.32	447.3	10.1	1.37
BP-45AI	04/08/25	N	0.34	7.75	491.3	3.1	3.74
BP-45AI	08/07/25	N	0.32	7.56	478.2	15.7	1.43
BP-45AI	11/19/25	N	0.41	7.31	513.9	9.4	1.05
BP-45AD	10/12/22	N	6.19	7.38	544	12.49	1.14
BP-45AD	04/26/23	N	6.22	7.59	480	9.72	4.17

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
BP-45AD	08/09/23	N	0.39	6.9	498	15.3	1.65
BP-45AD	10/31/23	N	0.14	7.41	462.8	10.3	1.48
BP-45AD	04/11/24	N	3.25	7.59	507	10.6	1.68
BP-45AD	08/14/24	N	0.47	7.39	494.8	14.3	2.51
BP-45AD	11/12/24	N	3.76	7.36	455.3	9.1	1.05
BP-45AD	08/07/25	N	0.39	7.6	527.3	15.5	4.5
C-1	10/12/22	N	1.06	6.36	855	14.54	2.63
C-1	04/26/23	N	0.96	6.41	610	8.69	4.17
C-1	08/09/23	N	0.73	6.05	2,863	21.21	158
C-1	11/01/23	N	0.41	6.54	2,191	10.3	190
C-1	04/11/24	N	0.79	6.42	826	9.1	56.4
C-1	08/15/24	N	0.37	6.38	753	16.3	40.7
C-1	11/13/24	N	--	6.36	1,125	9.9	32.7
C-1	08/07/25	N	0.35	6.42	777	17	13.9
C-2	10/13/22	N	0.38	7.01	1,006	13.19	7.25
C-2	04/27/23	N	0.7	7.26	965	7.05	10.1
C-2	08/10/23	N	0.26	5.65	4,316	15.51	1,000
C-2	11/01/23	N	0.29	5.33	5,046	9.5	26.2
C-2	04/10/24	N	1.9	5.87	2,986	9.6	553
C-2	08/15/24	N	0.47	5.87	2,915	15.4	404
C-2	11/13/24	N	--	5.85	3,073	9.7	1,000
C-2	04/09/25	N	0.13	6.77	3,405	5.7	126
C-2	08/06/25	N	0.29	6.31	2,956	18	899
C-2	11/19/25	N	0.91	5.96	3,590	7.3	1,000
C-3	10/14/22	N	0.42	7.05	1,122	11.8	5.36
C-3	04/27/23	N	0.71	7.09	944	7.35	4.57
C-3	08/10/23	N	0.23	5.46	3,225	15.69	1,000
C-3	11/02/23	N	0.44	5.22	4,136	7.7	905
C-3	04/11/24	N	3.14	5.44	3,118	10	1,000
C-3	08/15/24	N	0.89	5.92	3,086	17.8	1,000
C-3	11/13/24	N	--	6.1	3,052	10.3	75.9
C-3	08/07/25	N	0.33	6.49	1,753	17.3	543
C-4	10/13/22	N	0.37	6.17	1,041	14	3.34
C-4	04/27/23	N	0.81	6.4	538	7.56	4.42
C-4	08/10/23	N	0.21	5.78	5,325	15.28	398
C-4	11/02/23	N	0.22	5.71	5,276	10	386
C-4	04/11/24	N	3.17	6.47	2,468	9.2	76.4
C-4	08/15/24	N	1.64	6.53	2,879	19	238
C-4	11/14/24	N	1.74	6.57	2,894	9.6	220
C-4	04/09/25	N	0.31	6.66	2,039	4.6	202
C-4	08/07/25	N	0.25	6.82	3,121	15.3	192
C-4	11/19/25	N	2.89	6.88	4,602	8.3	1,000
C-5	10/12/22	N	0.85	6.33	750	13.76	3.3
C-5	04/26/23	N	0.69	6.41	529	6.5	1.22
C-5	08/10/23	N	0.16	5.75	4,760	15.28	1,000
C-5	11/01/23	N	0.15	6.01	4,085	9.9	507
C-5	04/10/24	N	2.91	6.4	3,131	8.3	425
C-5	08/15/24	N	1.71	6.66	2,775	14.4	391
C-5	11/13/24	N	3.64	6.61	2,924	10.5	422
C-5	04/09/25	N	0.22	6.67	2,524	5	225
C-5	08/06/25	N	0.16	6.75	2,852	16.3	209
C-5	11/19/25	N	3.67	5.83	3,857	8.8	1,000
C-6	10/14/22	N	0.28	6.16	860	13.14	2.72
C-6	04/27/23	N	0.39	6.29	483	7.3	1.56
C-6	08/10/23	N	0.38	5.47	4,447	17.52	334
C-6	11/02/23	N	0.24	6.04	3,111	10.2	200
C-6	04/11/24	N	1.85	6.33	2,086	7.9	347
C-6	08/15/24	N	1.46	6.62	2,265	17	462
C-6	11/14/24	N	1.33	6.62	2,151	10.1	106
C-6	08/07/25	N	0.15	6.63	2,047	17.4	1,000
C-7	10/14/22	N	0.33	6.16	751	13.32	2.83
C-7	04/27/23	N	0.51	6.32	547	7.18	2.83
C-7	08/10/23	N	0.35	5.6	6,894	16.69	1,000
C-7	11/02/23	N	0.19	5.67	3,330	10.8	98.8
C-7	04/11/24	N	1.01	5.55	4,293	9.8	159
C-7	08/15/24	N	2.52	6.43	2,507	17.8	312
C-7	11/14/24	N	1.4	6.47	2,262	10.3	355
C-7	04/09/25	N	0.37	6.65	1,854	4.8	331
C-7	08/07/25	N	0.18	6.69	2,334	14.4	144
C-7	11/19/25	N	1.1	6.56	2,005	10.2	1,000
C-8	10/14/22	N	0.21	6.03	693	12.1	3.58

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
C-8	04/27/23	N	0.64	6.29	465	9.28	3.9
C-8	08/10/23	N	1.15	5.97	2,009	15.57	1,000
C-8	11/02/23	N	1.1	6.11	1,513	9.4	91.3
C-8	04/11/24	N	0.73	6.46	1,780	9.3	75.4
C-8	08/15/24	N	0.05	6.94	2,259	17.1	156
C-8	11/14/24	N	1.56	6.77	2,816	9.6	88.4
C-8	08/07/25	N	0.23	6.71	2,059	14.4	60.6
C-9	10/14/22	N	1.55	6.23	472	12.1	10.8
C-9	04/27/23	N	3.15	6.11	241	11.24	13.4
C-9	08/10/23	N	0.44	6.39	10,890	16.14	1,000
C-9	11/02/23	N	1.19	5.31	9,599	8.8	1,000
C-9	04/11/24	N	0.62	5.71	493	9.8	1,000
C-9	08/15/24	N	0.09	6	5,038	16.2	1,000
C-9	11/13/24	N	--	5.37	5,011	9.9	1,000
C-9	04/09/25	N	0.37	5.62	2,741	4.3	605
C-9	08/06/25	N	0.2	5.87	2,226	18.9	1,000
C-9	11/19/25	N	0.32	5.83	1,897	9.4	1,000
C-10	10/14/22	N	2.9	5.78	186	13.33	23.9
C-10	04/27/23	N	0.75	6.09	247.3	8.9	3.48
C-10	08/10/23	N	0.52	5.85	4,430	16.44	1,000
C-10	11/02/23	N	0.73	5.61	1,310	10	259
C-10	04/11/24	N	1.17	5.82	874	11	37.5
C-10	08/15/24	N	0.2	6.25	1,232	16.3	162
C-10	08/07/25	N	0.17	6.06	1,175	14.8	990
C-11	10/14/22	N	3.34	6.55	574	12	4.26
C-11	04/27/23	N	0.99	6.54	332	8.5	6.92
C-11	08/10/23	N	0.74	5.65	1,168	15.01	1,000
C-11	11/02/23	N	1.53	5.84	813	8.3	84.3
C-11	04/11/24	N	2.35	6.05	774	10	265
C-11	08/15/24	N	0.03	6.47	764	13.6	439
C-11	11/13/24	N	--	6.32	1,409	10.2	345
C-11	04/09/25	N	0.3	6.41	515	3.8	68.3
C-11	08/07/25	N	0.11	6.56	1,621	15.7	119
C-11	11/19/25	N	0.36	6.32	622.6	9.7	22.6
D-1	10/12/22	N	0.87	6.42	615	14.14	4.46
D-1	04/26/23	N	0.23	6.5	460	9.09	2.22
D-1	08/10/23	N	0.27	4.41	3,398	15.08	1,000
D-1	11/01/23	N	0.09	5.38	3,132	10.9	1,000
D-1	04/11/24	N	0.28	5.86	3,561	11.1	92.4
D-1	08/14/24	N	4.52	6.49	2,596	15.4	91.9
D-1	11/11/24	N	2.13	6.72	2,454	12.3	297
D-1	08/07/25	N	1	6.09	5,794	16.2	1,000
D-2	10/13/22	N	0.25	6.75	892	12.6	5.13
D-2	04/27/23	N	0.44	6.65	826	8.1	24.6
D-2	08/10/23	N	0.33	5.75	4,894	15.86	1,000
D-2	11/01/23	N	0.05	5.56	5,322	11.2	62.1
D-2	04/10/24	N	0.6	6.07	3,381	8.9	33.2
D-2	08/14/24	N	5.09	6.03	3,216	15.6	45.1
D-2	11/13/24	N	0.05	6.54	2,267	11.6	69.8
D-2	04/09/25	N	0.15	6.67	1,827	5.4	54.9
D-2	08/06/25	N	0.2	5.87	4,676	16.8	1,000
D-2	11/18/25	N	2.39	5.24	5,393	10.1	1,000
D-3	10/13/22	N	0.38	6.35	924	13.5	17
D-3	04/27/23	N	0.22	6.41	811	7.8	14.9
D-3	08/10/23	N	0.2	5.12	2,372	15.44	1,000
D-3	11/01/23	N	0.52	5.55	1,919	11.1	847
D-3	04/11/24	N	2.1	6.12	1,383	10.8	64.6
D-3	08/14/24	N	4.02	6.08	839	17.3	128
D-3	11/11/24	N	1.96	6.21	868	12	78.7
D-3	08/07/25	N	0.32	6.42	1,131	16.9	156
D-4	10/12/22	N	1.64	6.82	907	14.35	12.1
D-4	04/26/23	N	0.3	6.74	802	8.45	18.9
D-4	08/09/23	N	0.2	5.33	8,007	17.95	1,000
D-4	11/01/23	N	0.21	5.44	6,058	9.1	1,000
D-4	04/10/24	N	0.3	5.89	1,451	9.6	1,000
D-4	08/14/24	N	5.09	6.22	1,593	16.1	244
D-4	11/13/24	N	0.24	6.25	1,084	11.1	593
D-4	04/09/25	N	0.23	6.42	1,163	4.3	318
D-4	08/06/25	N	0.19	6.16	6,545	18.5	1,000
D-4	11/18/25	N	2.64	5.47	7,098	9.6	1,000
D-5	10/13/22	N	0.39	6.58	551	13.06	31.1

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
D-5	04/27/23	N	0.39	6.5	545.1	7.4	11.5
D-5	08/09/23	N	0.28	6.05	1,998	15.68	23.2
D-5	11/01/23	N	0.21	6.57	2,371	11.4	121
D-5	04/11/24	N	0.13	6.68	2,223	9.8	100
D-5	08/14/24	N	3.16	6.52	1,387	16.3	20.1
D-5	11/11/24	N	1.62	6.36	903	12.1	11
D-5	08/07/25	N	0.38	6.28	3,583	17.2	1,000
D-6	10/13/22	N	0.42	6.5	562	13.16	21.1
D-6	04/27/23	N	0.26	6.34	342.3	7.2	24.2
D-6	08/10/23	N	0.28	6.96	23,027	14.47	1,000
D-6	11/01/23	N	0.38	6.74	21,107	10.9	1,000
D-6	04/11/24	N	0.61	6.33	14,999	11.4	280
D-6	08/14/24	N	3.54	6.01	5,201	15.6	356
D-6	11/14/24	N	0.24	5.65	4,572	7.8	484
D-6	04/09/25	N	0.65	5.46	1,421	3.4	52.6
D-6	08/07/25	N	1.2	6.71	12,734	19.5	1,000
D-6	11/19/25	N	0.4	6.26	15,345	10.5	1,000
GC-1 Port 1	10/31/13	N	2.35	--	283	10.46	1.46
GC-1 Port 1	04/17/14	N	--	7.6	196	6.66	0.52
GC-1 Port 1	09/10/14	N	3.96	7.16	386	13.72	10.8
GC-1 Port 1	04/09/15	N	8.99	7.66	372	--	--
GC-1 Port 1	09/24/15	N	1.3	7.37	359.5	10.3	1.93
GC-1 Port 1	06/23/16	N	2.29	6.88	397	10.95	--
GC-1 Port 1	06/21/17	N	2.08	7.9	409	13.56	--
GC-1 Port 1	06/13/18	N	1.34	7.16	432	10.8	--
GC-1 Port 1	06/12/19	N	1.59	7	383	12.8	--
GC-1 Port 1	09/11/20	N	1.25	6.97	514	10.72	--
GC-1 Port 1	07/01/21	N	1.12	6.19	485	11.2	--
GC-1 Port 1	08/04/22	N	2.38	7.03	498.9	12.1	--
GC-1 Port 1	08/10/23	N	2.37	6.7	824	11.76	--
GC-1 Port 1	08/15/24	N	4.55	7.02	562	8.87	--
GC-1 Port 1	08/06/25	N	1.87	7.11	577	10.8	--
GC-1 Port 6	05/19/11	N	4.75	7.37	382	11.86	8
GC-1 Port 6	04/11/13	N	3.25	7.88	325	9.51	2.8
GC-1 Port 8	10/31/13	N	--	--	--	--	2.16
GC-1 Port 8	04/17/14	N	--	7.77	308	6.45	4.36
GC-1 Port 8	09/24/15	N	2.3	7.79	372.7	10.6	4.82
GC-1 Port 8	06/23/16	N	3.11	7.22	428	11.66	--
GC-1 Port 8	06/21/17	N	2.26	7.96	475	13.3	--
GC-1 Port 8	06/13/18	N	3.06	7.36	470	12.1	--
GC-1 Port 8	06/12/19	N	2.1	7.2	402	12.8	--
GC-1 Port 8	09/11/20	N	4.43	7.43	524	12.77	--
GC-1 Port 8	07/01/21	N	3.58	6.85	496	12.3	--
GC-1 Port 8	08/10/23	N	4.11	7.03	564	12.33	--
GC-1 Port 8	08/15/24	N	5.05	7.14	544	9.16	--
GC-1 Port 8	08/06/25	N	2.7	7.27	561	11.6	--
GC-2A	05/19/10	N	12.02	6.72	171	9.29	2.49
GC-2A	09/23/10	N	9.79	7.81	194	13.38	174
GC-2A	05/17/11	N	10.42	6.31	137	9.74	2.22
GC-2A	05/19/11	N	10.79	6.94	162	7.26	--
GC-2A	10/12/11	N	4.45	6.39	171	13.52	1.54
GC-2A	03/20/12	N	10.16	6.22	114	9.7	4.97
GC-2A	09/11/12	N	16.58	7.93	302	12.92	355
GC-2A	04/10/13	N	9.27	6.17	83	7.94	1.71
GC-2A	10/28/13	N	3.7	7.05	264	10.86	--
GC-2A	04/14/14	N	9.58	6.33	109	6.95	--
GC-2A	09/08/14	N	--	6.84	342	9.93	--
GC-2A	04/06/15	N	8.23	6.1	93	7.72	--
GC-2A	09/24/15	N	5.44	7.16	202.7	10.9	6.21
GC-2A	06/23/16	N	6.99	5.51	119	12.24	2.01
GC-2A	06/21/17	N	3.92	6.22	115	8.78	--
GC-2A	06/11/18	N	6.2	6.35	90	8.1	--
GC-2A	06/11/19	N	4.68	6.33	59	8	--
GC-2A	09/09/20	N	7.49	6.43	138	12.75	--
GC-2A	06/28/21	N	3.79	6.13	94	9.3	--
GC-2A	08/01/22	N	1.3	6.7	162	10.75	--
GC-2A	08/09/23	N	6.87	6.26	147	9.98	--
GC-2A	08/14/24	N	7.14	6.44	186	7.97	--
GC-2A	08/05/25	N	6.54	6.68	127.4	10.7	--
IB-4	05/18/10	N	2.09	6.96	453	10.07	34.2
IB-4	06/30/10	N	1.09	5.93	562	15.93	--

TABLE C.2
Summary of Groundwater Results – Field Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
IB-4	08/03/10	N	0.83	6.49	743	20.6	101
IB-4	09/21/10	N	0.85	6.48	822	17.66	23.8
IB-4	01/10/11	N	5.15	6.19	1,487	2.74	>1,000
IB-4	01/13/11	N	0.5	5.37	1,555	9.55	--
IB-4	03/23/11	N	1.67	5.68	1,169	3.87	411
IB-4	05/16/11	N	0.32	5.84	840	8.23	85.3
IB-4	06/22/11	N	0.88	6.3	705	16.77	85.6
IB-4	10/13/11	N	0.54	6.52	598	13.21	95.1
IB-4	12/05/11	N	0.38	6.62	721	10.05	81.1
IB-4	03/20/12	N	0.33	6.58	956	14.59	90.6
IB-4	09/11/12	N	1.56	6.6	415	17.92	39.4
IB-6	11/16/21	N	0.19	7.24	1,942	11.57	--
IB-6	11/16/21	N	1.1	7.84	6,394	8.88	--
IB-6	11/17/21	N	0.73	7.97	15,614	9.96	--
IB-6	11/18/21	N	0	7.65	11,215	10.31	--
IB-6	12/08/21	N	--	7.89	20,000	9.8	--
IB-6	02/10/22	N	--	7.49	--	4.4	--
IB-7	05/18/10	N	0.35	7.17	609	11.48	26.9
IB-7	06/30/10	N	1.46	5.76	1,834	20.66	--
IB-7	08/03/10	N	1.4	5.64	2,029	21.62	>1,000
IB-7	09/21/10	N	0.23	5.6	2,163	18.95	203
IB-7	11/08/10	N	0.12	6.63	433	10.13	77
IB-7	01/10/11	N	0.63	5.69	751	5.13	>1,000
IB-7	01/13/11	N	0.32	5.37	1,416	9.91	--
IB-7	03/23/11	N	2.36	6.43	781	2.56	185
IB-7	05/16/11	N	1.21	6.53	667	10.5	36.2
IB-7	06/22/11	N	1.19	5.49	781	18.2	239
IB-7	10/13/11	N	0.95	6.55	790	13.23	80.6
IB-7	12/05/11	N	0.28	6.91	910	10.24	250
IB-7	03/20/12	N	0.24	6.76	990	13.71	244
IB-7	09/11/12	N	0.21	7.02	776	18.62	68.1
IB-7	10/29/13	N	0.68	6.58	2,114	12.02	--
IB-7	04/16/14	N	0.3	6.95	1,538	5.59	241
IB-7	06/05/14	N	0.54	6.74	1,766	11.63	259
IB-7	09/09/14	N	4.03	6.8	3,062	16.53	80.2
IB-7	11/18/14	N	1.09	6.67	1,607	10.96	>1,000
IB-7	11/16/21	N	0	7	1,563	12.07	--
IB-7	11/16/21	N	2.34	8.32	3,357	10.11	--
IB-7	11/17/21	N	0.01	7.47	3,164	10.17	--
IB-7	11/18/21	N	0	7.4	3,370	10.45	--
IB-7	12/08/21	N	--	7.43	7,280	6.5	--
IB-7	02/10/22	N	--	7.26	--	5.8	--
RP-13-885	05/20/10	N	10.15	7.06	632	10.37	789
RP-13-885	09/23/10	N	--	--	--	--	177
RP-13-885	05/18/11	N	7.3	7.36	641	10.71	362
RP-13-885	03/22/12	N	7.35	5.97	597	15.22	59.6
RP-13-885	04/11/13	N	8.91	7.72	248	5.43	45.6
RP-13-885	10/31/13	N	--	7.19	628.3	13.1	--
RP-13-885	04/17/14	N	--	6.72	259.3	4.7	36.2
RP-13-885	04/07/15	N	--	--	424	4.19	--
RP-13-885	09/22/15	N	1.75	6.67	238	14.93	--
RP-9-380	05/20/10	N	--	6.91	580	15.3	--
RP-9-380	09/22/10	N	13.71	7.15	559	13.4	11.2
RP-9-380	03/22/12	N	7.74	6.79	545	15.68	73.7
RP-9-380	09/13/12	N	3.94	7.23	567	13.94	>1,000
RP-9-380	04/11/13	N	8.48	7.63	484	7.87	368
RP-9-380	10/31/13	N	--	7.17	540.3	11.5	--
RP-9-380	04/17/14	N	--	6.41	193.8	4.5	48
RP-9-380	09/08/14	N	--	6.19	48	15.64	--
RP-9-380	04/07/15	N	--	--	508	6.05	--
RP-9-380	09/21/15	N	1.34	7	427	6	--
106	03/22/12	N	7.4	6.29	170	16.08	>1,000
106	04/10/13	N	9.6	7.61	167	12.23	16
107	03/22/12	N	9.5	6.53	213	17.23	23.2
107	04/10/13	N	9.45	7.68	167	12.2	13.5
108	05/20/10	N	--	6.98	2.9	21.2	--
108	03/22/12	N	9.57	6.88	226	15.57	16.3
108	04/10/13	N	9.1	7.64	162	12.86	14.6
108	04/17/14	N	--	6.78	147.2	3.2	52.2
108	04/07/15	N	--	--	186	6.77	--
109	03/22/12	N	9.67	7.08	141	15.8	12.8

TABLE C.2
Summary of Groundwater Results – Field Parameters
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Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
109	04/10/13	N	9.11	7.48	307	12.22	100
110	05/20/10	N	--	6.65	100	16.5	--
110	03/22/12	N	9.37	6.51	129	15.25	20.9
110	04/10/13	N	9.2	7.65	112	12.29	26.9
110	10/31/13	N	--	7.62	148.7	8.8	--
110	04/17/14	N	--	6.49	102.6	3.5	19.5
110	04/07/15	N	--	--	129	4.91	--
111	05/20/10	N	--	6.24	90	16.6	--
111	03/22/12	N	8.86	6.13	114	16.47	11.9
111	04/10/13	N	9.21	7.41	105	12.91	24.9
111	04/13/16	N	--	7.27	83	9.55	--
111	06/20/16	N	5.73	5.84	116	20.26	--
111	04/24/17	N	8.14	5.25	158	12.47	152
111	06/21/17	N	8.32	6.84	113	14.01	--
111	04/18/18	N	8.9	7.93	226	5.4	47
111	06/11/18	N	7.67	6.27	103	12.7	1,000
111	09/24/18	N	7.93	6.62	130	15.3	27.3
111	03/25/19	N	10.77	7.02	92.2	4.9	197
111	06/12/19	N	7.74	6.45	70	11	135
111	09/18/19	N	8.23	6.82	122	13.97	12
111	04/15/20	N	10.8	7.14	94	6.8	16.7
111	09/09/20	N	4.59	6.11	146	16.68	6.87
111	11/10/20	N	7.59	6.34	144	13.64	23.5
111	04/14/21	N	10.34	6.79	90	8.75	20.1
111	06/28/21	N	5.63	6.09	118	19.5	209
111	10/14/21	N	8.11	6.74	152	14.87	19.6
111	04/12/22	N	9.67	7.36	99.4	7.4	39.3
111	08/01/22	N	2.3	6.21	163	23.29	73.1
111	10/11/22	N	7.43	6.28	148	11.61	6.38
111	04/25/23	N	10.73	6.95	141	8.65	19.7
111	08/09/23	N	9.05	6.72	165	17.09	53.8
111	11/02/23	N	8.67	6.95	185.3	9.5	175
111	04/09/24	N	8.39	6.69	120.4	11.7	28.7
111	08/13/24	N	10.17	7.2	172	15.37	45.1
111	11/11/24	N	8.58	6.08	179.1	9.8	338
111	04/08/25	N	10.44	7.17	120.9	4.2	46.4
111	08/06/25	N	7.1	7.19	173.4	16.4	78.1
111	11/19/25	N	8.83	7.26	169.6	8.2	92.2
112	05/20/10	N	--	5.75	70	15.2	--
112	03/22/12	N	9.83	6.27	89	14.52	2.05
112	04/10/13	N	9.5	7.01	111	11.9	79.1
112	04/17/14	N	--	6.49	94.5	3.9	37.5
112	04/07/15	N	--	--	92	6.32	--
112	04/13/16	N	--	7.49	70	7.35	--
112	06/21/17	N	8.38	6.71	142	13.9	--
112	06/11/18	N	5.81	6.49	140	12.9	1,000
112	09/24/18	N	7.41	7.23	139	16.1	81.5
112	03/25/19	N	10.42	7.03	113	4.4	145
112	06/12/19	N	9.33	6.69	94	11.9	36.7
112	09/18/19	N	7.59	6.81	144	14.19	17.1
112	04/15/20	N	9.77	6.97	123	6.8	9.37
112	09/09/20	N	5.69	6.4	162	16.72	13.8
112	11/10/20	N	7.44	6.17	177	13.96	121
112	04/14/21	N	10.19	6.97	122	8.92	9.76
112	06/28/21	N	7.41	6.65	177	20.6	577
112	10/14/21	N	5.56	6.09	163	15.01	19.5
112	04/12/22	N	8.54	7.36	127.6	7.2	7.65
112	08/01/22	N	4.08	6.4	168	22.21	178
112	10/11/22	N	8.02	6.35	176	11.48	7.09
112	04/25/23	N	10.08	6.75	150	8.28	35
112	08/09/23	N	8.67	6.81	160	18.94	20.4
112	11/02/23	N	6.09	6.63	184	8.7	10.3
112	04/09/24	N	8.5	6.77	167.5	11	101
112	08/13/24	N	9.39	6.91	178	16.44	26
112	11/11/24	N	8.23	5.85	214.1	10.5	165
112	04/08/25	N	9.92	7.11	147.3	4.2	91.6
112	08/06/25	N	2.52	6.92	202.7	16.1	143
112	11/19/25	N	7.21	6.72	177	9.1	75.9
113	05/20/10	N	--	6.07	200	13.4	--
113	03/22/12	N	8.48	6.16	222	14.8	25.1
113	04/10/13	N	9.01	7.23	145	12.32	58.3

TABLE C.2
Summary of Groundwater Results – Field Parameters
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Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
113	04/17/14	N	--	6.83	162.2	3.9	25.3
113	04/07/15	N	--	--	140	6.23	--
113	04/13/16	N	--	6.98	128	7.6	--
113	06/20/16	N	5.72	3.42	232	12.92	--
113	04/24/17	N	7.1	6.73	208	15.49	27.3
113	06/21/17	N	6.1	5.57	219	13.2	--
113	10/12/17	N	2.04	7.5	377	13.47	--
113	04/18/18	N	8.81	7.79	153	5.2	131
113	06/11/18	N	6.79	6.72	226	13.3	64.2
113	09/24/18	N	7.48	7.46	218	16.1	42.6
113	03/25/19	N	9.45	6.99	165.3	4.8	343
113	06/12/19	N	8.08	7.07	135	12.5	13.7
113	09/18/19	N	8.08	7.29	212	13.94	17.3
113	04/15/20	N	8.87	7.04	198	8.54	10.9
113	09/09/20	N	7.74	7.54	235	16.81	30.2
113	11/10/20	N	9.81	7.02	251	13.41	6.51
113	04/14/21	N	9.25	7.21	179	10.28	19.5
113	06/28/21	N	8.12	7.44	254	19.4	16.7
113	10/14/21	N	7.2	7.34	264	14.94	28.5
113	04/12/22	N	9.23	7.44	143.2	9	46.7
113	08/01/22	N	6.3	7.42	260	22.2	91.3
113	10/11/22	N	8.76	6.13	240	10.27	7.33
113	04/25/23	N	9.63	7.17	202	10.65	14.7
113	08/09/23	N	10.96	7.44	237	18.19	12.4
113	11/02/23	N	9.42	7.52	214.5	7.2	44.5
113	04/09/24	N	9.67	7.34	165.7	10.4	68.2
113	08/13/24	N	9.78	7.44	207	15.8	7.24
113	11/11/24	N	7.94	6.33	231.4	10.1	211
113	04/08/25	N	10.8	7.84	145.9	4	39.1
113	08/06/25	N	7.1	7.88	267.8	16.8	21.3
113	11/19/25	N	8.15	7.47	220.1	6.5	35.4
114	05/20/10	N	--	6.66	360	15	--
114	03/21/12	N	8.3	7.29	363	16.11	8.29
114	04/10/13	N	8.02	7.33	243	11.75	3.86
115	05/20/10	N	--	6.06	200	16.2	--
115	09/24/10	N	5.41	6.74	154	11.73	13.8
115	03/22/12	N	9.8	6.13	119	15.73	8.66
115	04/10/13	N	9	7.39	113	12.5	34
116	05/19/10	N	--	6.05	620	14.5	3.77
116	03/22/12	N	8.19	2.04	4,858	17.71	46.2
116	04/10/13	N	7.5	6.86	287	13.49	2.19
118	05/20/10	N	--	7.24	410	14.6	--
118	04/10/13	N	8.31	7.07	845	13.61	14.9
118	04/17/14	N	--	6.86	436.7	5.3	11
118	04/07/15	N	--	--	567	4.52	--
118	04/13/16	N	--	7.19	508	7.3	--
118	04/24/17	N	6.11	6.28	457	13.59	1.96
118	06/21/17	N	5.54	7.17	379	17.3	--
118	04/18/18	N	8.15	7.28	218	5.6	20.2
118	09/24/18	N	6.37	6.27	516	18	9.1
118	03/25/19	N	10.23	7.29	213.1	4.8	314
118	06/12/19	N	7.43	7.09	172	14.9	20.7
118	09/18/19	N	7.54	7.48	297	15.8	85.4
118	10/08/19	N	10.11	5.88	299	14.19	3.8
118	04/15/20	N	10.22	7.14	254	8.36	2.83
118	11/10/20	N	11.02	6.91	412	12.96	7.45
118	04/14/21	N	7.67	7.1	238	10.92	4.26
118	04/12/22	N	9.67	7.44	273.5	6.4	7.48
118	08/09/23	N	10.59	7.6	392	20.36	7.2
118	11/02/23	N	8.68	7.43	369.1	9.5	2.3
118	04/09/24	N	10.05	7.2	307.4	10.2	4.56
118	08/13/24	N	9.76	7.99	411	18.2	0.92
118	04/08/25	N	9.86	7.86	310.1	5.2	3.5
118	11/19/25	N	9.58	7.41	420.3	6.9	1.75
119	10/12/17	N	5.91	7.01	596	13.04	--
119	06/11/18	N	1.64	6.74	815	16.1	214
119	09/24/18	N	1.54	6.63	941	17.3	29.7
119	03/25/19	N	2.74	6.93	557.7	4.7	17.8
119	06/12/19	N	2.28	6.81	446	13.6	3.1
119	04/15/20	N	2.51	6.67	544	10.04	3.91
119	04/14/21	N	2.06	6.87	404	10.87	0.77

TABLE C.2
Summary of Groundwater Results – Field Parameters
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Location	Sample Date	Sample Type	Dissolved Oxygen	pH	Specific Conductance	Temperature	Turbidity
		Units	mg/L	SU	µS/cm	°C	NTU
119	04/12/22	N	1.29	7.27	460.9	11.2	11.1
119	04/25/23	N	1.48	6.61	575	9.73	687
119	08/09/23	N	2.69	6.67	734	20.51	109
119	11/02/23	N	0.44	6.64	598.5	7.5	77.9
119	04/09/24	N	0.98	6.96	693	12.8	26.9
119	08/13/24	N	4.01	6.8	553	17.45	11.8
119	04/08/25	N	2.38	7.12	547.2	4.6	5.03
119	11/19/25	N	1.41	6.67	506	6.9	8.68
SEEP1	11/10/10	N	8.51	7.65	303	15.38	--
SEEP1	01/13/11	N	7.01	6.89	224	1.47	246
SEEP1	04/10/13	N	7.9	7.47	269	11.74	1.48
SEEP2	05/20/10	N	--	6.34	370	19.5	--
SEEP2	11/10/10	N	8.66	7.58	165	12.7	--
SEEP2	01/13/11	N	10.75	7.16	185	-0.08	33.4
SEEP2	03/21/12	N	4.3	7.1	420	18.06	16.4
SEEP2	04/10/13	N	8	7.51	188	11.38	9.82

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Notes:

1. Definitions:
A sample type of "N" indicates normal environmental sample.
A sample type of "FD" indicates field duplicate sample.
"VFA" indicates Volatile Fatty Acids.
“--“ indicates the compounds were not analyzed for in that particular sample.
“<” indicates the result was below the analytical detection limit.
">" indicates the value in greater than the calibration range of the instrument.
“J” indicates that the laboratory data was below the lowest quantifiable limit and therefore estimated.
"B" indicates that the compound was found in the blank and sample.
"ND" indicates that results were not detected above the analytical reporting limit.
"HF" indicates a parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
"H" indicates that the analyte was analyzed outside of hold time.
"M" indicates recovery or RPD outside acceptance criteria for MS/MSD.
"F1" indicates the MS and/or MSD recovery exceeds control limits.
"E" indicates the result exceeds the calibration range of the instrument and is considered estimated.
"^2" indicates the calibration Blank (ICB and/or CCB) is outside acceptance limits.
"*+" indicates the LCS and/or LCSD is outside acceptance limits, high biased.

2. "Ethane + Ethene" and "Total VFA" are results from summed individual analytes. Qualifiers are not shown for these. Results for these summed results are rounded to two significant figures.

3. Green shading indicates the analyte meets the degradation criteria.

4. Where there are multiple results for a given analyte and sample, both values are shown in a given cell. If one or both of the two values meets the degradation criteria, then the cell is shaded green.

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
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Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
A-4	04/16/14	N	0.36	-7.9	6.69	--	9.2 J	8,020	--	680	--	<12	--	20 J	--	25	11	21	32	0.67	250	<5	--	<50	<10	<10	<7	<15	82	<15	330
A-8	11/15/21	N	0.02	226	5.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-9	11/15/21	N	1.86	-55.1	5.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-10	11/15/21	N	1.73	-43.4	5.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-13	10/30/13	N	0.17	220.4	6.28	0.2	--	2.9	--	--	0.6	--	12	--	0.172	--	2.1	16	18	0.16	0.12	<0.05	--	<0.5	<0.1	0.25	<0.07	<0.15	0.2	<0.15	0.57
A-13	10/30/13	FD	--	--	--	--	--	4.1	--	--	--	--	--	--	--	--	2.6	19	22	0.2	0.056 J	<0.05	--	<0.5	<0.1	0.19	<0.07	<0.15	<0.05	<0.15	0.25
A-13	04/17/14	N	0.28	-95	6.52	--	14	93	--	10	--	<2.5	--	<5	--	7.2	8.9	15	24	0.4	40	4.7	--	9.5	<0.1	<1	1.6	0.24	33	0.74	90
A-13	06/05/14	N	0.29	-23.7	5.99	--	16	71.9	--	--	--	<0.5	--	<1	--	2.6	9.3	34	43	0.24	36	3.6	--	7.9	<0.2	0.15 J	1.7	0.15	14	0.38	64
A-13	09/09/14	N	1.1	-23.5	6.12	--	19	60	--	8.4	--	<0.5	--	<1	--	1.3 J	2.7	16	19	2.6	46	7.2	--	5.4	<0.2	0.34 J	2.9	1 J	12	1.1 J	76
A-13	11/18/14	N	0.59	-0.17	6.13	--	20	63.2	--	9.7	--	<0.5	--	<1	--	<2	1.9	47	49	7.2	78	6.2	--	<0.5	<0.2	0.96 J	0.91	0.23	7.2	0.81	94
A-13	11/18/14	FD	--	--	--	--	--	67.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-13	04/09/15	N	--	--	--	--	24	31.9	--	21	--	<0.5	--	1	--	<1	0.74	49	50	1.4	38	3.4	--	2.2 J	<2	0.67 J	1.2	0.95 J	2.5	1.1 J	50
A-13	06/24/15	N	--	--	--	--	21	36.9	--	--	--	<0.5	--	0.53 J	--	<1	1.4	110	110	1.6	44	3.8	--	0.43 J	<0.2	<1	0.18	0.11 J	1.8	0.32	51
A-13	08/17/15	N	--	--	--	--	--	37.9	--	--	--	--	--	--	--	--	0.46	90	90	0.61	--	--	--	--	--	--	--	--	--	--	--	--
A-13	09/23/15	N	--	--	--	--	32	545	--	--	--	<0.5	--	<1	--	1.4	3.5	900	900	2.1	13	2.4	--	0.42 J	<0.2	0.022 J	0.51	0.071 J	20	0.52 J	37
A-13	11/18/15	N	--	--	--	--	--	313	--	--	--	--	--	--	--	--	4.8	1,000	1,000	1.5	190	17	--	5.8	<2	0.05 J	13	1.3	200	22	450
A-13	11/18/15	N	--	--	--	--	--	450	--	--	--	--	--	--	--	--	18	1,600	1,600	3.7	380	36	--	13	0.82 J	0.59 J	26	2.7	270	40	770
A-13	04/11/16	N	--	--	--	--	--	186	--	--	--	--	--	--	--	--	18	3,900	3,900	3.9	150	13	--	4	0.14 J	0.13 J	15	1.4	75	21	280
A-13	06/20/16	N	--	--	--	--	--	137	--	--	--	--	--	--	--	--	27	4,300	4,300	5.7	160	13	--	4	0.12 J	<2	9.5	1	51	17	260
A-13	09/22/16	N	--	--	--	--	--	169	--	--	--	--	--	--	--	--	49	4,200	4,200	5.6	190	17	--	5.1	0.21	0.59	7.5	1.3	40	22	280
A-13	04/26/17	N	--	--	--	--	--	132	--	--	--	--	--	--	--	--	45	2,300	2,300	7.4	170	15	--	3.9	0.67 J	0.17 J	5.9	1.4	26	12	240
A-13	06/19/17	N	--	--	--	--	--	46.9	--	--	--	--	--	--	--	--	32	1,700	1,700	5.5	74	4.3	--	0.94	0.21	<2	0.58	0.39	3.9	2.2	87
A-13	10/12/17	N	--	--	--	--	--	554	--	--	--	--	--	--	--	--	53	2,300	2,400	9.7	190	90	--	4.5	0.72 J	<2	9.1	2.3	360	6.1	660
A-13	04/18/18	N	--	--	--	--	--	92.8	--	--	--	--	--	--	--	--	86	2,500	2,600	8.4	140	11	--	2.2	0.17 J	<2	2.9	0.59 J	15	6.9	180
A-13	06/11/18	N	--	--	--	--	--	73.6	--	--	--	--	--	--	--	--	90	2,800	2,900	8.4	120	8.2	--	1.5	0.12 J	<2	2	0.71	10	4.3	150
A-13	09/26/18	N	--	--	--	--	--	62.1	--	--	--	--	--	--	--	--	96	2,600	2,700	7.8	83	5.7	--	1.1 J	<2	<2	1 J	0.76 J	7.7	<1	99
A-13	03/27/19	N	--	--	--	--	--	56.1	--	--	--	--	--	--	--	--	140	3,200	3,300	7.8	170	5.4	--	0.93	0.68	<2	0.68	0.58	4.6	1.9	180
A-13	06/10/19	N	--	--	--	--	--	68.8	--	--	--	--	--	--	--	--	130	3,900	4,000	7.8	93	4.9	--	0.85	0.12 J	<2	0.61	0.51	4.2	1.8	110
A-13	09/16/19	N	--	--	--	--	--	49	--	--	--	--	--	--	--	--	110	2,200	2,300	5.1	8.1	0.19	--	0.018 J	<0.2	<0.2	0.021 J	0.092 J	0.33	<0.1	8.8
A-13	04/14/20	N	--	--	--	--	--	45.1	--	--	--	--	--	--	--	--	170	7,700	7,900	9.5	81	4.7	--	0.43	0.068 J	<2	0.36	0.39	4.2	0.94	92
A-13	09/11/20	N	--	--	--	--	--	28	--	--	--	--	--	--	--	--	310	6,100	6,400	8	41	1.1 J	--	<5	<5	<5	<5	<5	0.76 J	<5	43
A-13	11/12/20	N	--	--	--	--	--	390	--	--	--	--	--	--	--	--	99	3,600	3,700	5	200	29	--	<5	<5	<5	7.5	1 J	410	6.8	650
A-13	04/12/21	N	--	--	--	--	--	120	--	--	--	--	--	--	--	--	160	7,100	7,300	12	100	15	--	<5	<5	<5	4.6 J	0.82 J	35	13	170
A-13	06/28/21	N	--	--	--	--	--	94	--	--	--	--	--	--	--	--	120	3,900	4,000	5.5	110	7.5	--	<5	<5	<5	1.7 J	<5	21	6.5	150
A-13	10/14/21	N	--	--	--	--	--	130	--	--	--	--	--	--	--	--	260	3,500	3,800	6.3	78	5.2	--	<5	<5	0.85 J	1.6 J	<5	18	6.8	110
A-13	04/11/22	N	--	--	--	--	--	120	--	--	--	--	--	--	--	--	32	1,900	1,900	7.1	71	3.7 J	--	<5	<5	3.5 J	1.2 J	<5	19	1.8 J	100
A-13	08/03/22	N	--	--	--	--	--	130	--	--	--	--	--	--	--	--	20	340	360	7.2	130	<10	--	<10	<10	3.1 J	<10	<10	12	1.7 J	150
A-13	10/12/22	N	--	--	--	--	--	95	--	--	--	--	--	--	--	--	8.5	420	430	11	71	<25	--	<25	<25	<25	<25	<25	<25	<25	71
A-13	04/27/23	N	--	--	--	--	--	25	--	--	--	--	--	--	--	--	35	430	470	4.3	24	<5	--	<5	<5	1.2 J	<5	<5	1.8 J	<5	27
A-13	08/07/23	N	--	--	--	--	--	920	--	--	--	--	--	--	--	--	4.8 J	57.8	63	0.406	262	49.4 J	<100	<100	<100	<100	<100	<100	292	<100	600
A-13	11/01/23	N	0.03	-131.5	6.74	--	19 HF	80	--	--	--	<0.55	--	6.6 J	--	<2.0	12	283	300	2.21	41.1	1.1 J	<5.0	<5.0	<5.0	1.2 J	<5.0	<5.0	<5.0	1.2 J	45
A-13	04/10/24	N	0.64	-82.6	6.51	--	11 HF,F1	23	--	--	--	<0.11	--	1.4 J	--	<2.0	30.6	423	450	6.36	18.1 J	1.1	0.41 J	<0.50	<0.50	1.4	0.27 J	0.21 J	1.2	0.77	23
A-13	08/15/24	N	1.02	-6.1	6.72	--	39 HF	68	--	--	--	<0.55	--	6.6 J	--	<2.0	12.4 J	72.4	85	1.95	62.2	2.4	0.88 J	<1.0	<1.0	1.4	<1.0	1	<1.0	0.4 J	68
A-13	11/13/24	N	--	-125.6	7.52	--	3.2 HF	21	--	--	--	<0.11	--	7.8	--	<2.0	<5 H	<5 H	ND	<0.0100 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	60 H	31 H	<0.5 H	91
A-13	04/09/25	N	0.38	-174	7.43	--	29 HF	26	--	--	--	<0.11	--	1.8	--	<2.0	332	458	790	19.8	17	<0.5	0.54	6.2	<0.5	<0.5	<0.5	0.23 I	<0.5	<0.5	24
A-13	08/06/25	N	1.27	-145.7	7.04	--	41 HF,F1	15	--	--	--	<0.11 *+	--	6	--	1.7 J	114	361	480	4.88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
B-1	06/05/14	N	5.76	156	7.11	--	--	1.7	--	--	--	--	--	--	--	--	0.14	0.39	0.53	0.0075	--	--	--	--	--	--	--	--	--	--	--
B-1	08/17/15	N	--	--	--	--	--	58.9	--	--	--	--	--	--	--	--	0.14	0.35	0.49	12	--	--	--	--	--	--	--	--	--	--	--
B-2	06/05/14	N	0.68	145.6	7.12	--	--	1.9	--	--	--	--	--	--	--	--	0.2	0.53	0.73	0.0077	--	--	--	--	--	--	--	--	--	--	--
B-2	08/17/15	N	--	--	--	--	--	151	--	--	--	--	--	--	--	--	0.93	1.4	2.3	11	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
B-3	06/05/14	N	0.46	16.2	6.84	--	--	3.7	--	--	--	--	--	--	--	--	0.008 J	0.0068 J	0.015	0.00039	--	--	--	--	--	--	--	--	--	--	--	--
B-3	08/17/15	N	--	--	--	--	--	730	--	--	--	--	--	--	--	--	7.7	8.3	16	15	--	--	--	--	--	--	--	--	--	--	--	--
B-4	10/30/13	N	2.16	114.5	8.34	0.05	--	2.5	--	--	0.4	--	25	--	--	--	3.4	8.6	12	0.0038	0.099	<0.05	--	<0.5	<0.1	0.55	<0.07	<0.15	<0.05	<0.15	0.65
B-4	04/15/14	N	2.55	232.2	8.1	1.45	--	2	--	--	2.2	--	26	--	0.032	--	0.17	0.19	0.36	0.0033	0.16	<0.05	--	<0.5	<0.1	<0.1	<0.07	<0.15	0.059	<0.15	0.22
B-4	04/15/14	FD	--	--	--	--	--	2.5	--	--	--	--	--	--	--	--	0.19	0.24	0.43	0.0045	0.11	<0.05	--	<0.5	<0.1	<0.1	<0.07	<0.15	0.028 J	<0.15	0.14
B-4	06/05/14	N	0.86	58.3	7.65	--	--	3.7	--	--	--	--	--	--	--	--	0.13	1.1	1.2	0.0098	--	--	--	--	--	--	--	--	--	--	--	--
B-4	09/10/14	N	10.8	22.8	5.44	--	13	1,860	--	360	--	<5	--	<10	--	230	4.4	7.2	12	0.22	200	74	--	3.9 J	<2	2.2 J	10	3	380	6.1	680
B-4	11/18/14	N	1.85	-16.9	5.51	--	13	1,220	--	320	--	<0.5	--	5.5	--	95	15	13	28	0.52	210	88	--	20	0.16 J	1.2	88	1.7	290	3.1	700
B-4	04/09/15	N	--	--	--	--	27	2,480	--	120	--	<0.5	--	<1	--	40	4	7.2	11	1.3	130	33	--	20	<2	0.71 J	41	1.4 J	180	3.1	410
B-4	06/24/15	N	--	--	--	--	45	628	--	--	--	<0.5	--	2.4	--	6.4	2.6	7	9.6	1.5	150	27	--	15 J	<2	<1	29	0.58 J	190	2.1	410
B-4	08/17/15	N	--	--	--	--	--	804	--	--	--	--	--	--	--	--	2.8	14	17	3.4	--	--	--	--	--	--	--	--	--	--	--	--
B-4	09/23/15	N	--	--	--	--	72	612	--	--	--	0.5 J	--	<1	--	3.2	2.9	12	15	5.2	30	5.8	--	1.8	<0.2	0.015 J	3.2	0.2	28	0.43	69
B-4	11/18/15	N	--	--	--	--	--	686	--	--	--	--	--	--	--	--	4.5	23	28	9.9	440	54	--	19	1.2 J	<2	43	3.9	360	8.8	930
B-4	11/18/15	N	--	--	--	--	--	3,450	--	--	--	--	--	--	--	--	5.5	17	23	14	540	77	--	21	0.63 J	0.57 J	61	4.6	260	0.87 J	970
B-4	04/11/16	N	--	--	--	--	--	580	--	--	--	--	--	--	--	--	5.8	64	70	9.1	380	46	--	22	0.8 J	<2	43	4.4	250	9.7	760
B-4	06/20/16	N	--	--	--	--	--	435	--	--	--	--	--	--	--	--	8.3	56	64	12	420	45	--	19	0.37	<20	39	<1	130	44	700
B-4	09/22/16	N	--	--	--	--	--	552	--	--	--	--	--	--	--	--	15	44	59	27	600	76	--	45	0.14 J	<2	42	6.7	120	64	950
B-4	04/26/17	N	--	--	--	--	--	265	--	--	--	--	--	--	--	--	60	3	63	28	400	25	--	2.4	0.48 J	0.17 J	6.6	2.1	50	15	500
B-4	06/19/17	N	--	--	--	--	--	207	--	--	--	--	--	--	--	--	18	0.59	19	28	290	9.2	--	0.65	0.14 J	<2	2.6	2.2	44	16	360
B-4	10/12/17	N	--	--	--	--	--	1,330	--	--	--	--	--	--	--	--	8.3	20	28	19	430	74	--	11	0.87 J	1.1 J	36	5.5	870	71	1,500
B-4	04/18/18	N	--	--	--	--	--	787	--	--	--	--	--	--	--	--	14	15	29	20	340	17	--	30	<2	<20	45	8.2	520	110	1,100
B-4	06/11/18	N	--	--	--	--	--	726	--	--	--	--	--	--	--	--	7.9	12	20	23	260	18	--	39	<2	<2	53	8.3	520	120	1,000
B-4	09/26/18	N	--	--	--	--	--	689	--	--	--	--	--	--	--	--	13	11	24	19	59	21	--	63	<2	<2	48	9.1	280	<1	480
B-4	03/27/19	N	--	--	--	--	--	472	--	--	--	--	--	--	--	--	10	6.4	16	24	300	44	--	12	0.2 J	<2	31	6.2	130	61	580
B-4	06/10/19	N	--	--	--	--	--	5,870	--	--	--	--	--	--	--	--	6.2	5.8	12	31	440	31	--	4.2	0.19 J	<20	15	6.4	120	48	660
B-4	09/16/19	N	--	--	--	--	--	357	--	--	--	--	--	--	--	--	1.3	4.8	6.1	26	310	9.9	--	0.87	0.27	<2	6	5.7	110	<0.1	440
B-4	04/14/20	N	--	--	--	--	--	25.3	--	--	--	--	--	--	--	--	31	3.8	35	24	45	0.23	--	<0.2	<0.2	<2	0.0059 J	0.13	1.1	0.041 J	47
B-4	09/11/20	N	--	--	--	--	--	10	--	--	--	--	--	--	--	--	7.4	2.6	10	35	3	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	0.28 J	<2.5	3.3
B-4	11/12/20	N	--	--	--	--	--	1,000	--	--	--	--	--	--	--	--	48	24	72	30	400	51	--	<5	<5	<5	11	<5	610	7.5	1,100
B-4	04/12/21	N	--	--	--	--	--	830	--	--	--	--	--	--	--	--	14	7.1	21	23	360	41 J	--	15	<5	<5	28	1.6 J	590	31	1,100
B-4	06/28/21	N	--	--	--	--	--	610	--	--	--	--	--	--	--	--	1.1	2.7	3.8	3.6	240	23	--	<10	<10	<10	<10	2.2 J	370	48	680
B-4	10/14/21	N	--	--	--	--	--	390	--	--	--	--	--	--	--	--	2.2	<1	2.2	26	57	3.7 J	--	<5	<5	1.2 J	4.8 J	<5	190	27	280
B-4	04/11/22	N	--	--	--	--	--	990	--	--	--	--	--	--	--	--	5	3.5	8.5	23	190	26 J	--	<50	<50	<50	23 J	33 J	610	<50	880
B-4	08/03/22	N	--	--	--	--	--	770	--	--	--	--	--	--	--	--	<1	2.5	2.5	17	140	<50	--	<50	<50	<50	23 J	<50	350	62	580
B-4	10/12/22	N	--	--	--	--	--	810	--	--	--	--	--	--	--	--	1.3	1.8	3.1	21	74	<25	--	8.3 J	<25	<25	15 J	<25	150	39	290
B-4	04/27/23	N	--	--	--	--	--	180	--	--	--	--	--	--	--	--	1.1	1.3	2.4	12	42	0.88 J	--	<5	<5	0.82 J	<5	1.8 J	11	1.1 J	58
B-4	11/01/23	N	--	--	--	--	--	8,900	--	--	--	--	--	--	--	--	<250	<250	ND	9.91	4,740	437	41.4 J	<250	<250	<250	271	<250	4,930	36.8 J	10,000
B-4	04/09/24	N	--	--	--	--	--	8,300	--	--	--	--	--	--	--	--	8.1	2 J	10	13.5	4,950	585	80 J	39.2	10.6 J	<25.0	530	65	4,780	108	11,000
B-4	08/15/24	N	--	--	--	--	--	3,700	--	--	--	--	--	--	--	--	<250	<250	ND	4.35	2,310	477	<250	<250	<250	<250	436	<250	3,970	112 J	7,300
B-4	11/12/24	N	--	--	--	--	--	5,100	--	--	--	--	--	--	--	--	<250 H	<250 H	ND	1.12 H	530 H	600 H	1,100 H	600 H	410 H	<0.5 H	44 H	560 H	1,100 H	<0.5 H	4,900
B-4	04/07/25	N	--	--	--	--	--	4,500	--	--	--	--	--	--	--	--	<13	<13	ND	19.5	1,300	290	<0.5	510	<0.5	<0.5	500	450	1,700	15	4,800
B-4	08/04/25	N	--	--	--	--	--	2,400	--	--	--	--	--	--	--	--	<13	<13	ND	11.7	680	320	<5	600	<5	<5	500	530	730	<5	3,400
B-5	06/05/14	N	0.51	19.4	6.47	--	--	6.6	--	--	--	--	--	--	--	--	0.49	1.7	2.2	0.19	--	--	--	--	--	--	--	--	--	--	--
B-5	08/17/15	N	--	--	--	--	--	35.5	--	--	--	--	--	--	--	--	36	11	47	14	--	--	--	--	--	--	--	--	--	--	--
B-6	06/05/14	N	0.33	-67.1	6.92	--	--	4.9	--	--	--	--	--	--	--	--	1.8	10	12	0.16	--	--	--	--	--	--	--	--	--	--	--
B-7	10/30/13	N	4.65	112.6	8.21	0	--	1.8	--	--	0.5	--	25	--	0.001	--	0.72	13	14	0.017	0.11	<0.05	--	<0.5	<0.1	0.36	<0.07	<0.15	<0.05	<0.15	0.47
B-7	04/15/14	N	0.21	125.9	7.3	--	0.17 J	4.9	--	--	--	0.14 J	--	16	--	<2	0.13	0.63	0.76	0.0042	0.091	<0.05	--	<0.5	<0.1	0.25	<0.07	<0.15	<0.05	<0.15	0.34
B-7	06/05/14	N	0.72	-38.4	7.65	--	--	5.1	--	--	--	--	--	--	--	--	0.55	3.1	3.7	0.0033	--	--	--	--	--	--	--	--	--	--	--
B-7	09/10/14	N	2.01	-85.2	6.11	--	150	9,220	--	720	--	<5	--	56	--	160	4.2	4	8.2	0.0088	370	35	--	6.9	<2	5.5 J	41	1.8	290	2.3	750
B-7	11/18/14	N	0.68	-18	5.44	--	230	14,500	--	710	--	<1	--	7.9	--	29	6.7	19	26	0.24	720	160	--	30	0.57	2.3	130	5.1	410	4.8	1,500

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
B-7	04/09/15	N	--	--	--	--	130	21,000	--	510	--	<2.5	--	14	--	64	17	100	120	2.4	530	210	--	77	<2	6.5 J	180	5.4	350	6.4	1,400
B-7	06/24/15	N	--	--	--	--	100	4,730	--	--	--	<5	--	13	--	800	21	170	190	2.8	410	200	--	97	<20	<10	160	2.3 J	290	2.5 J	1,200
B-7	08/18/15	N	--	--	--	--	--	4,010	--	--	--	--	--	--	--	--	28	200	230	4.8	--	--	--	--	--	--	--	--	--	--	--
B-7	09/23/15	N	--	--	--	--	71	12,600	--	--	--	<2.5	--	28	--	1,120	26	140	170	3.8	28	16	--	9.4	0.76	0.035 J	14	0.27 J	73	0.32 J	140
B-7	11/18/15	N	--	--	--	--	--	5,420	--	--	--	--	--	--	--	--	15	75	90	15	740	210	--	51	1.4 J	<20	200	5.8 J	390	25	1,600
B-7	11/18/15	N	--	--	--	--	--	5,390	--	--	--	--	--	--	--	--	9.1	49	58	10	1,000	260	--	70	<20	0.53 J	250	8 J	520	54	2,200
B-7	04/11/16	N	--	--	--	--	--	3,180	--	--	--	--	--	--	--	--	40	510	550	15	540	270	--	80	5.2	0.47 J	260	8.8 J	480	48	1,700
B-7	06/20/16	N	--	--	--	--	--	3,440	--	--	--	--	--	--	--	--	20	260	280	7.4	580	340	--	130	5.4	0.9 J	330	11	490	1.3 J	1,900
B-7	09/22/16	N	--	--	--	--	--	2,300	--	--	--	--	--	--	--	--	44	490	530	17	520	320	--	120	3.2	<20	320	14	440	86	1,800
B-7	04/26/17	N	--	--	--	--	--	2,400	--	--	--	--	--	--	--	--	61	420	480	14	630	370	--	140	4.3	1.1 J	350	12	500	69	2,100
B-7	06/19/17	N	--	--	--	--	--	1,710	--	--	--	--	--	--	--	--	83	590	670	19	460	330	--	150	5.3	<20	320	11	460	74	1,800
B-7	10/12/17	N	--	--	--	--	--	2,960	--	--	--	--	--	--	--	--	53	320	370	13	470	350	--	160	3.2	<20	340	8.8	530	89	2,000
B-7	04/18/18	N	--	--	--	--	--	2,730 J	--	--	--	--	--	--	--	--	64	380	440	16	540	300	--	150	1.8 J	<20	240	9.3	470	46	1,800
B-7	06/11/18	N	--	--	--	--	--	8,200	--	--	--	--	--	--	--	--	67	410	480	18	540	320	--	140	0.88 J	<20	250	5.8	480	36	1,800
B-7	09/26/18	N	--	--	--	--	--	<5000	--	--	--	--	--	--	--	--	63	280	340	13	620	330	--	160	0.38 J	2 J	270	7.5	370	4.2	1,800
B-7	03/27/19	N	--	--	--	--	--	3,100	--	--	--	--	--	--	--	--	41	290	330	16	690	370	--	150	4.5	<20	290	6 J	380	120	2,000
B-7	06/10/19	N	--	--	--	--	--	7,820	--	--	--	--	--	--	--	--	56	350	410	20	740	390	--	160	0.98 J	<20	310	8.1 J	400	140	2,100
B-7	09/16/19	N	--	--	--	--	--	3,350	--	--	--	--	--	--	--	--	50	340	390	16	74	44	--	17	0.15 J	<2	34	1	44	0.46	210
B-7	04/14/20	N	--	--	--	--	--	412	--	--	--	--	--	--	--	--	39	92	130	5.2	34	6.3	--	43	0.51	<2	10	0.67 J	25	6.2	130
B-7	04/15/20	N	0.23	-68.2	6.41	--	17.2	--	--	--	--	<0.5	--	<5	--	<0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-7	09/10/20	N	0.9	13.6	8.35	--	1	500	--	--	--	0.33 J	--	<5.0	--	<2.0	45	200	250	13	660	140	--	580	<50	<50	170	11 J	520	67	2,100
B-7	11/10/20	N	0.33	33	5.45	--	39	390	--	--	--	<0.50	--	<5.0	--	<2.0	59	360	420	22	160	29	--	25	<5	<5	22	<5	160	7.2	400
B-7	04/14/21	N	0.29	-30.9	5.32	--	<0.1	1,400	--	--	--	1	--	2.4 J	--	11	24	300	320	20	360	120	--	64	<5	<5	170	3.2 J	330	10	1,100
B-7	06/28/21	N	--	--	--	--	--	1,400	--	--	--	--	--	--	--	--	18	140	160	12	340	140	--	<5	<5	<5	150	2 J	360	8.8	1,000
B-7	10/14/21	N	--	--	--	--	--	1,700	--	--	--	--	--	--	--	--	43	260	300	19	340	170	--	28	1.3 J	<10	160	<10	400	16	1,100
B-7	04/13/22	N	0.37	2.3	5.04	--	220	3,800	--	--	--	<0.50	--	23	--	--	30	170	200	18	160	260	--	26 J	<50	<50	130	<50	760	<50	1,300
B-7	08/03/22	N	0.33	-76.1	5.14	--	250	2,700	--	--	--	0.62	--	5.3 J	--	33	14	100	110	12	130	180	--	16 J	<50	<50	78	<50	620	<50	1,000
B-7	10/12/22	N	0.76	-116	5.22	--	270	2,300 ^2	--	--	--	<0.55	--	<7.5	--	19	29	190	220	20	190	300	--	18 J	<25	<25	110	<25	770	<25	1,400
B-7	04/26/23	N	0.34	-17.2	5.16	--	350 HF	2,500	--	--	--	<0.55	--	9.3	--	15 J	47	140	190	12	300	300	--	53	<50	10 J	190	<50	950	10 J	1,800
B-7	08/09/23	N	0.48	-56.2	5.22	--	370 HF	2,500	--	--	--	<1.1	--	6.1 J	--	8.2 J	21.5 J	75.9 J	97	4.13	263	310	16.2 J	62.5 J	<100	<100	240	<100	956	<100	1,800
B-7	10/31/23	N	3.85	-18.1	5.04	--	1,000 HF	2,600	--	--	--	<0.55	--	8.7	--	7.2 J	29.2	129	160	13.4	425	326	<100	29.6 J	<100	<100	155	<100	1,040	13.3 J	2,000
B-7	04/10/24	N	1.52	-4.2	5.1	--	540 HF	2,400	--	--	--	<1.1	--	6.2 J	--	<16	41.2	112	150	14.6	415	319	<100	85.3	<10.0	3.6 J	242	8.8 J	983	22.7	2,100
B-7	08/15/24	N	5.73	-6.4	5.22	--	470 HF	2,400	--	--	--	<0.55	--	5 J	--	<2.0	<250	84.4 J	84	7.97	425	350	<100	74.6 J	<100	<100	245	<100	1,140	25.6 J	2,300
B-7	08/15/24	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<250	97.5 J	98	7.14	412	337	<100	75.7 J	<100	<100	243	<100	1,110	<100	2,200
B-7	11/13/24	N	--	-6.9	5.14	--	590 HF	2,400	--	--	--	<0.55	--	4 J	--	<4.0	<250 H	78.3 JH	78	2.07 H	180 H	550 H	220 H	<0.5 H	<0.5 H	<0.5 H	340 H	<0.5 H	510 H	<0.5 H	1,800
B-7	04/08/25	N	0.23	5.9	5.16	--	490 HF	1,900	--	--	--	<0.11 F1	--	1.2 J,F1	--	<4.0	62.1	86.3	150	13.2	450	480	3.1	790	<0.5	<0.5	410	48	910	0.59	3,100
B-7	08/06/25	N	0.4	-25	5.44	--	420 HF	1,900	--	--	--	<0.11	--	3.4	--	<2.0	23.1	50.5	74	4.33	360	270	<25	140	<25	<25	310	29	740	<25	1,800
B-8	06/05/14	N	6.22	33.3	8.27	--	--	2.8	--	--	--	--	--	--	--	--	0.28	2.4	2.7	0.024	--	--	--	--	--	--	--	--	--	--	--
B-9	06/05/14	N	2.11	60.2	7.75	--	--	3	--	--	--	--	--	--	--	--	1.4	18	19	0.15	--	--	--	--	--	--	--	--	--	--	--
B-9	09/10/14	N	2.28	-100.7	6.8	--	1.6 J	1,450	--	320	--	<5	--	28	--	110	4	20	24	0.084	39	1.4	--	1.4 J	<2	<1	0.86	<1.5	47	<1.5	90
B-9	11/18/14	N	0.35	-21	6.05	--	0.51	1,560	--	130	--	0.17 J	--	6.7	--	67	35	15	50	0.031	44	3.5	--	44	<0.2	1.3	5.1	0.23	200	2.2	300
B-9	04/09/15	N	--	--	--	--	1.9	181	--	59	--	<0.5	--	<1	--	1.2	2.7	32	35	0.58	66	7.2	--	12	0.92 J	0.64 J	6.9	1.1 J	40	12	150
B-9	06/24/15	N	--	--	--	--	2	135	--	--	--	<0.5	--	1	--	1.2	2.5	42	45	1	71	8.9	--	7.8	<2	<1	5.2	0.24 J	23	13	130
B-9	08/18/15	N	--	--	--	--	--	125	--	--	--	--	--	--	--	--	1.8	32	34	2.4	--	--	--	--	--	--	--	--	--	--	--
B-9	09/23/15	N	--	--	--	--	27	16,300	--	--	--	<2.5	--	44	--	960	5.5	9.7	15	0.19	24	5.1	--	0.27 J	<0.2	0.012 J	0.37	0.044 J	110	0.25	140
B-9	11/18/15	N	--	--	--	--	--	5,950	--	--	--	--	--	--	--	--	13	12	25	0.72	170	29	--	6	1.8 J	0.13 J	29	0.51 J	690	2	930
B-9	11/18/15	N	--	--	--	--	--	12,000	--	--	--	--	--	--	--	--	16	14	30	0.99	390	81	--	11	6.2	0.12 J	90	1.6	1,500	8.2	2,100
B-9	04/11/16	N	--	--	--	--	--	4,260	--	--	--	--	--	--	--	--	19	89	110	5.4	190	140	--	16	7.3	0.62 J	87	<10	970	5.1 J	1,400
B-9	06/20/16	N	--	--	--	--	--	1,750	--	--	--	--	--	--	--	--	20	130	150	6.3	160	100	--	21	4.9	0.45 J	72	0.8 J	670	1.1	1,000
B-9	09/22/16	N	--	--	--	--	--	1,040	--	--	--	--	--	--	--	--	21	170	190	10	160	77	--	26	3.1	0.089 J	63	1.5	540	13	880

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
B-9	04/26/17	N	--	--	--	--	--	1,160	--	--	--	--	--	--	--	--	10	220	230	6.8	310	98	--	43	3.2	46	140	2.7	550	26	1,200
B-9	06/19/17	N	--	--	--	--	--	971	--	--	--	--	--	--	--	--	18	400	420	11	280	74	--	44	3.7	2.7 J	110	2.5	430	42	990
B-9	10/12/17	N	--	--	--	--	--	3,270	--	--	--	--	--	--	--	--	5	25	30	0.97	660	170	--	16	0.86 J	0.26 J	230	6.5	1,800	30	2,900
B-9	04/18/18	N	--	--	--	--	--	4,020	--	--	--	--	--	--	--	--	6.7	160	170	4.6	1,200	470	--	44	<2	<20	710	19	2,600	34	5,100
B-9	06/11/18	N	--	--	--	--	--	3,990	--	--	--	--	--	--	--	--	12	280	290	8.2	1,200	480	--	44	<2	0.67 J	710	10	2,600	24	5,100
B-9	09/26/18	N	--	--	--	--	--	3,890	--	--	--	--	--	--	--	--	11	310	320	7.7	1,100	400	--	43	<20	<20	640	11	2,300	<10	4,500
B-9	03/27/19	N	--	--	--	--	--	3,390	--	--	--	--	--	--	--	--	16	490	510	13	1,500	340	--	50	1.4 J	<20	620	13	2,500	56	5,100
B-9	06/10/19	N	--	--	--	--	--	5,010	--	--	--	--	--	--	--	--	24	580	600	15	1,500	330	--	54	<2	<20	630	13	2,500	59	5,100
B-9	09/16/19	N	--	--	--	--	--	3,660	--	--	--	--	--	--	--	--	23	680	700	15	160	30	--	5.8	0.044 J	0.12 J	68	1.6	270	<0.1	540
B-9	04/14/20	N	--	--	--	--	--	1,410	--	--	--	--	--	--	--	--	17	12	29	5.9	310	26	--	33	1.7 J	<20	60	13	530	57	1,000
B-9	09/11/20	N	--	--	--	--	--	1,300	--	--	--	--	--	--	--	--	23	50	73	15	250	18 J	--	27	<5	<50	51	3.7 J	370	43 J	760
B-9	11/12/20	N	--	--	--	--	--	1,700	--	--	--	--	--	--	--	--	9.6	40	50	8.5	240	92	--	6.1	<5	<5	34	3 J	550	21	950
B-9	04/12/21	N	--	--	--	--	--	3,600	--	--	--	--	--	--	--	--	6.4	93	99	15	360	290	--	43	<5	1.2 J	<5	16	1,400	33	2,100
B-9	06/28/21	N	--	--	--	--	--	3,100	--	--	--	--	--	--	--	--	4.3	73	77	8.7	400	310	--	25	<5	<50	380	8.2	1,500	21	2,600
B-9	10/14/21	N	--	--	--	--	--	3,300	--	--	--	--	--	--	--	--	8.1	170	180	13	530	270	--	17	<10	<10	350	9.9 J	1,500	22	2,700
B-9	04/11/22	N	--	--	--	--	--	3,200	--	--	--	--	--	--	--	--	9.7	200	210	13	420	240	--	17 J	<50	<50	270	<50	1,400	<50	2,300
B-9	08/03/22	N	--	--	--	--	--	3,100	--	--	--	--	--	--	--	--	5.3	120	130	6.4	230	240	--	<50	<50	<50	130	<50	1,400	<50	2,000
B-9	10/12/22	N	--	--	--	--	--	3,900	--	--	--	--	--	--	--	--	10	190	200	9.6	260	400	--	21 J	<25	<25	200	<25	1,700	<25	2,600
B-9	04/27/23	N	--	--	--	--	--	3,400	--	--	--	--	--	--	--	--	12	220	230	6.2	480	520	--	50 J	<250	<250	270	<250	2,000	<250	3,300
B-9	08/08/23	N	--	--	--	--	--	3,200	--	--	--	--	--	--	--	--	14.4 J	303	320	9.04	434	525	19.8 J	19.5 J	<100	<100	215	<100	2,100	27.1 J	3,300
B-9	11/01/23	N	--	--	--	--	--	3,800	--	--	--	--	--	--	--	--	16.8	317	330	9.86	529	477	<250	<250	<250	<250	214 J	<250	1,960	<250	3,200
B-9	04/09/24	N	--	--	--	--	--	3,900	--	--	--	--	--	--	--	--	57.6 J	107 J	160	0.306 J	539	517	<250	59.5	<25.0	8.1 J	356	29.8	2,030	48.5	3,600
B-9	08/15/24	N	--	--	--	--	--	3,200	--	--	--	--	--	--	--	--	<250	263	260	5.16	500	545	<200	<200	<200	<200	293	<200	2,280	<200	3,600
B-9	11/12/24	N	--	--	--	--	--	3,800	--	--	--	--	--	--	--	--	<100 H	194 H	190	1.31 H	230 H	880 H	330 H	130 H	<0.5 H	<0.5 H	560 H	<0.5 H	820 H	<0.5 H	3,000
B-9	04/07/25	N	--	--	--	--	--	3,300	--	--	--	--	--	--	--	--	16.4	455	470	13.1	710	590	39	480	<0.5	<0.5	560	120	2,000	0.43 I	4,500
B-9	08/04/25	N	--	--	--	--	--	3,300	--	--	--	--	--	--	--	--	7.47 J	232	240	3.39	590	510	43	85	<25	<25	440	120	1,900	<25	3,700
B-10	06/05/14	N	0.58	-34	7.37	--	--	3.4	--	--	--	--	--	--	--	--	0.092	0.65	0.74	0.0036	--	--	--	--	--	--	--	--	--	--	--
B-11	06/05/14	N	0.33	-122.7	8.06	--	--	2.5	--	--	--	--	--	--	--	--	0.081	1.1	1.2	0.001	--	--	--	--	--	--	--	--	--	--	--
B-12	06/05/14	N	0.31	-35.7	8.03	--	--	2.5	--	--	--	--	--	--	--	--	0.14	0.093	0.23	0.0016	--	--	--	--	--	--	--	--	--	--	--
B-13	06/05/14	N	0.41	-112.8	7.49	--	--	1.4	--	--	--	--	--	--	--	--	0.4	2.4	2.8	0.01	--	--	--	--	--	--	--	--	--	--	--
BP-1	07/27/06	N	--	--	--	--	--	4.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1	09/13/06	N	--	--	--	--	--	--	--	30.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1	09/13/06	N	--	--	--	--	--	--	--	13.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1	09/13/06	N	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1	09/28/06	N	--	--	--	--	--	--	--	365	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1	04/02/07	N	--	--	--	--	--	--	--	410	--	--	--	--	--	--	0.15	0.39	0.54	0.0079	--	--	--	--	--	--	--	--	--	--	--
BP-1	09/10/12	N	1.54	294	6.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1A	04/02/07	N	--	--	--	--	--	--	--	230	--	--	--	--	--	--	8.1	32	40	0.8	--	--	--	--	--	--	--	--	--	--	--
BP-1A	09/10/08	N	--	--	--	--	--	63.3	--	--	--	--	--	--	--	--	0.054	0.047	0.10	0.0007	--	--	--	--	--	--	--	--	--	--	--
BP-1A	01/12/11	N	5.03	252.2	6.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1A	03/22/11	N	0.39	234.7	7.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1A	05/18/11	N	1.24	169.4	6.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1A	06/22/11	N	3.64	294.3	7.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1A	09/11/12	N	9.38	92.3	7.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1A	04/10/13	N	1.9	138.8	7.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-1A	10/30/13	N	7.11	256.1	7.12	0.01	--	18.3	--	--	0.7	--	>143	--	--	--	0.14	0.052	0.19	0.00045	0.031 J	0.068	--	<0.5	<0.1	0.11	<0.07	<0.15	<0.05	<0.15	0.21
BP-1A	04/16/14	N	0.77	146.6	7.12	0.1	--	15.8	--	--	1	--	>124	--	0.048	--	3.3	30	33	0.22	0.2	<0.05	--	<0.5	<0.1	<0.1	0.53	<0.15	0.051	<0.15	0.78
BP-1A	06/04/14	N	4.89	294	6.95	0	--	15.9	--	--	1.1	--	>130	--	0.023	--	0.26	0.8	1.1	0.021	0.07	<0.05	--	<0.5	<0.2	0.096 J	<0.07	<0.15	<0.05	<0.15	0.17
BP-1A	09/09/14	N	5.73	255.9	6.95	<0	--	18	--	--	1.7	--	137	--	0.069	--	0.046	0.021 J	0.067	0.00032	0.086	<0.05	--	<0.5	<0.2	0.17	<0.07	<0.15	<0.05	<0.15	0.26
BP-1A	11/20/14	N	7.57	-0.1	5.96	0.16	--	31.1	--	--	1.9	--	>139	--	0.019	--	0.094	0.15	0.24	0.002	0.049 J	0.057	--	0.091 J	<0.2	0.18	0.41	<0.15	0.036 J	0.086 J	0.91

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-1A	04/09/15	N	1.36	71	7.28	0.04	--	10.7	--	--	1.8	--	>99	--	0.038	--	2.5	20	23	0.11	0.07 JB	0.089	--	<0.5	<0.2	0.1 J	<0.07	<0.15	0.046 J	<0.15	0.31
BP-1A	06/24/15	N	1.17	206.8	6.85	0.03	--	13.7	--	--	1.9	--	>136	--	0 J	--	2.4	17	19	0.094	0.062 J	0.031 J	--	<5	<2	0.06 J	0.32 J	<1.5	0.028 J	<1.5	0.50
BP-1A	09/23/15	N	6.38	206.7	7.29	0.09	--	17.1	--	--	1.7	--	>155	--	0.059	--	0.1 J	0.1 J	0.20	0.0005 J	0.42 J	0.2 J	--	<2	<2	0.16 J	<1	<1	<1	<1	0.78
BP-1A	11/18/15	N	5.76	243.6	7.31	0.06	--	15.5	--	--	1.3	--	>172	--	0.009	--	0.1 J	0.11	0.21	0.0015	0.049 J	<0.2	--	<0.4	<0.4	<0.4	<0.2	<0.2	0.0042 J	<0.2	0.053
BP-1A	04/12/16	N	1.66	193.7	7.24	0.04	--	12.4	--	--	0.6	--	>148	--	0.018	--	2.4	9	11	0.09	0.06 J	0.022 J	--	<0.4	<0.4	0.37 J	0.44	<0.2	<0.2	<0.2	0.89
BP-1A	06/21/16	N	6.57	206	7.19	0.02	--	15.4	--	--	1.3	--	>166	--	0.002	--	0.1	0.12	0.22	0.0015	0.22 J	<1	--	<2	<2	<2	0.4 J	<1	<1	<1	0.62
BP-1A	09/21/16	N	6.81	177.2	7.76	0.01	--	16.8	--	--	1.8	--	>153	--	0.046	--	0.025 J	0.031 J	0.056	0.00016 J	0.052 J	0.029 J	--	<0.2	<0.2	0.041 J	<0.1	<0.1	0.0048 J	0.0075 J	0.13
BP-1A	04/25/17	N	0.71	126.9	6.92	0.05	--	15.8	--	--	1	--	>70	--	0.05	--	1.8	7.1	8.9	0.12	0.42 J	0.073 J	--	<2	<2	0.26 J	<1	<1	<1	<1	0.75
BP-1A	06/20/17	N	0.63	169.5	7.1	0	--	19.1	--	--	0.7	--	>70	--	0.09	--	0.78	1.6	2.4	0.03	0.032 J	0.0068 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0056 J	<0.1	0.044
BP-1A	10/11/17	N	10.79	48.8	7.22	0	--	17.2	--	--	2.7	--	>70	--	0.16	--	0.04 J	0.035 J	0.075	0.0002 J	0.15 J	<1	--	<2	<2	<2	<1	<1	<1	<1	0.15
BP-1A	04/18/18	N	0.63	127.8	7.37	--	0.075	13.5	--	--	--	<0.5	--	176	--	0.16 J	1.8	5	6.8	0.12	0.077 J	0.036 J	--	<0.2	<0.2	<0.2	0.35	<0.1	<0.1	<0.1	0.46
BP-1A	06/13/18	N	0.13	174.4	7.01	--	0.11	19.3	--	--	--	<0.50	--	199	--	<0.30	0.83	3.5	4.3	0.053	0.34 J	<1	--	<2	<2	<2	0.52 J	<1	0.09 J	<1	0.95
BP-1A	09/26/18	N	0.89	12	6.99	--	0.213	15.9	--	--	--	<0.5	--	187	--	<0.3	4.1	9.4	14	0.2	0.22	0.054 J	--	<0.2	<0.2	<0.2	0.33	<0.1	0.11	<0.1	0.71
BP-1A	03/27/19	N	0.4	56.4	7.03	--	0.175	10.3	--	--	--	<0.5	--	168	--	<0.3	2.9	6.9	9.8	0.23	0.054 J	0.052 J	--	0.052 J	<0.2	<0.2	0.2	<0.1	0.026 J	<0.1	0.38
BP-1A	06/12/19	N	5.31	224.8	7.12	--	0.0408 J	15.9	--	--	--	<0.5	--	203	--	<0.3	0.14	0.069 J	0.21	0.0018	0.32	0.038 J	--	0.037 J	<0.2	<0.2	0.053 J	<0.1	0.2	0.014 J	0.66
BP-1A	09/17/19	N	5.96	61.8	7.22	--	0.0231 J	16.7	--	--	--	1.1	--	224	--	<0.3	0.024 J	0.023 J	0.047	0.0002 J	0.046 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.04 J	<0.1	0.086
BP-1A	04/14/20	N	0.34	114.7	7.18	--	0.119	12.8	--	--	--	<0.5	--	217	--	<0.3	2.9	6.9	9.8	0.41	<0.1	0.024 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.024
BP-1A	09/09/20	N	8.93	201.1	6.95	--	0.058	19	--	--	--	1.3	--	260 E	--	1.4 J	<1	<1	ND	0.0037 J	4.8 J	<5	--	<5	<5	<5	<5	<5	<5	<5	4.8
BP-1A	11/11/20	N	3.33	419.4	7.18	--	0.023 J	19	--	--	--	1.2	--	260	--	<2.0	<1	<1	ND	0.0081	6.8	<5	--	0.65 J	<5	<5	<5	<5	<5	<5	7.5
BP-1A	04/13/21	N	0.58	122.2	7.12	--	<0.1	17	--	--	--	<0.5	--	190	--	<2	2.2	2.7	4.9	0.56	<0.5	<0.5	--	<0.5	<0.5	0.47 J	<0.5	<0.5	0.096 J	<0.5	0.57
BP-1A	06/30/21	N	3.75	134.9	6.42	--	<0.1	16	--	--	--	1.2	--	230	--	<2	<1	<1	ND	0.0058	3.9 J	<5	--	<5	<5	<5	<5	<5	0.97 J	<5	4.9
BP-1A	10/13/21	N	3.74	0.9	7.21	--	<0.10	19	--	--	--	0.71	--	240	--	<2.0	0.17 J	0.35 J	0.52	0.014	3.4 J	<5	--	<5	<5	1.2 J	<5	<5	0.57 J	<5	5.2
BP-1A	04/13/22	N	0.06	2.5	7.03	--	0.11	20	--	--	--	<0.50	--	340	--	<2.0	0.98 J	0.93 J	1.9	0.22	6.3	<5	--	<5	<5	<5	0.95 J	<5	0.91 J	<5	8.2
BP-1A	08/02/22	N	6.01	168.7	7.23	--	<0.10	20	--	--	--	1.9	--	250	--	<2.0	0.51 J	0.41 J	0.92	0.0049 J	2.8 J	<5	--	<5	<5	2.4 J	<5	<5	1.2 J	<5	6.4
BP-1A	10/12/22	N	5.68	122.9	7.07	--	<0.10	23 ^2	--	--	--	1.3	--	260	--	<2.0	<1	<1	ND	0.0096	2 J	<5	--	<5	<5	2.4 J	<5	<5	0.97 J	<5	5.4
BP-1A	04/26/23	N	1.4	66.8	7.08	--	0.17 HF	17 F1	--	--	--	<0.55	--	210	--	<2.0	1.5	1 J	2.5	0.27	2.8 J	<5	--	<5	<5	0.75 J	<5	<5	0.78 J	<5	4.3
BP-1A	08/09/23	N	0.5	63.1	7.05	--	0.072 J,HF	22	--	--	--	<0.55	--	230	--	<2.0	0.94 J	1.2 J	2.1	0.225	<5.0	<5.0	<5.0	<5.0	<5.0	2.3 J	<5.0	<5.0	<5.0	<5.0	2.3
BP-1A	11/01/23	N	0.87	-38	7.02	--	0.56 HF	17	--	--	--	<0.55	--	200	--	<2.0	1.6 J	1.5 J	3.1	0.178	1.3 J	<5.0	<5.0	<5.0	<5.0	1.4 J	<5.0	<5.0	<5.0	<5.0	2.7
BP-1A	04/10/24	N	0.24	17.4	7.02	--	0.34 HF	19 F1	--	--	--	<0.55 F1	--	170	--	<2.0	1 J	<5	1.0	0.0146	<5.0	<5.0	<5.0	<5.0	<5.0	2.6 J	<5.0	<5.0	<5.0	<5.0	2.6
BP-1A	08/14/24	N	0.41	239.8	7.06	--	<0.10 HF,F1	19	--	--	--	0.76	--	200	--	<2.0	5.6	4.4 J	10	1.4	<5.0	<5.0	<5.0	<5.0	<5.0	2.2 J	<5.0	<5.0	<5.0	<5.0	2.2
BP-1A	11/12/24	N	3.79	-98.8	7.71	--	<0.10 HF	19	--	--	--	2.5 F1	--	200	--	<2.0	<5 H	<5 H	ND	<0.0100 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	ND
BP-1A	04/09/25	N	0.26	-18.8	7.03	--	0.33 HF	18	--	--	--	<0.11	--	190	--	<2.0	<13	<13	ND	0.621	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1A	08/06/25	N	5.24	38.3	7.22	--	0.073 J,HF	20	--	--	--	0.81 H	--	200	--	<2.0	<13	<13	ND	<0.01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	07/27/06	N	--	--	--	--	--	5.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2	09/13/06	N	--	--	--	--	--	--	--	11.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2	09/27/06	N	--	--	--	--	--	--	--	697	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2	01/09/07	N	--	--	--	--	0.3 J	4.6	--	550	--	1.1	--	38	--	<2	0.08	0.094	0.17	0.058	--	--	--	--	--	--	--	--	--	--	--
BP-2	04/02/07	N	--	--	--	--	--	--	--	640	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2	01/12/11	N	1.46	-59.9	7.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2	05/16/11	N	4.22	63.8	7.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2A	09/28/06	N	--	--	--	--	--	--	--	5.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2A	01/09/07	N	--	--	--	--	<1	4.1	--	34	--	1.2	--	41	--	0.6 J	0.27	260	260	0.034	--	--	--	--	--	--	--	--	--	--	--
BP-2A	04/02/07	N	--	--	--	--	--	--	--	8.3 M	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2A	03/11/08	N	--	--	--	--	0.4 J	--	--	11	--	1	--	31	--	--	0.14	260	260	0.03	--	--	--	--	--	--	--	--	--	--	--
BP-2A	09/10/08	N	--	--	--	--	--	11.5	--	--	--	--	--	--	--	--	0.3	260	260	0.014	--	--	--	--	--	--	--	--	--	--	--
BP-2A	09/23/10	N	8.61	82.4	7.27	--	--	--	--	--	--	--	--	--	--	--	0.23	1.9	2.1	0.00056	0.26	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.26
BP-2A	01/10/11	N	2.41	172.9	6.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2A	01/12/11	N	2.4	27.3	7.17	0.13	--	3.3	38.8	--	0.6	--	29	--	0.013	--	0.34	300	300	0.032	0.073	<0.05	--	<0.05	<0.05	<0.1 B	<0.07	<0.15	0.13	<0.15	0.20
BP-2A	03/22/11	N	10.54	-155.2	6.98	0.56	--	2.5	0.3	--	2	--	23	--	0.005	--	0.023 J	1.4	1.4	0.0017	0.094	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.079	<0.15	0.17
BP-2A	03/23/11	N	6.68	-25.4	7.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			**mg/L**	**mV**	**SU**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**ug/L**	**ug/L**	**µg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
Analysis Location (FI = Field; LB = Lab)			**FI**	**FI**	**FI**	**FI**	**LB**	**LB**	**FI**	**LB**	**FI**	**LB**	**FI**	**LB**	**FI**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**
Degradation Criteria			**≤2**	**≤-100**	**6-8**	**≥1**	**≥1**	**≥20**	**--**	**--**	**≤1**	**≤1**	**≤20**	**≤20**	**≥0.05**	**≥0.05**	**--**	**--**	**≥50**	**≥0.5**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**≥1**
BP-2A	05/16/11	N	1.35	76.9	6.98	0.34	--	3.9	7.2	--	1	--	58	--	0.013	--	0.31	380	380	0.02	0.17	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.055	<0.15	0.23
BP-2A	05/18/11	N	3.87	235.2	6.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2A	06/20/11	N	0.62	106.2	6.85	0.26	--	4	5.3	--	0.4	--	30	--	0.009	--	0.28	340	340	0.018	0.098	<0.05	--	<0.05	<0.05	1.3	<0.07	<0.15	0.094	<0.15	1.5
BP-2A	06/21/11	N	3.65	199.6	7.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2A	10/10/11	N	0.76	-34.5	6.91	0.4	--	--	4.4	--	0.4	--	26	--	0.003	--	--	--	--	--	0.25	<0.05	--	<0.05	<0.05	<0.1	0.078	<0.15	0.078	<0.15	0.41
BP-2A	03/20/12	N	1.03	-40.4	7.09	0.67	--	2.7	8.3	--	1.1	--	>138	--	0.065	--	0.34	320	320	0.018	0.16	<0.05	--	<0.05	<0.05	0.24	0.035 J	<0.15	0.069	<0.15	0.50
BP-2A	09/10/12	N	2.35	59.9	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2A	09/11/12	N	--	--	--	0	--	4.1	4.9	--	0	--	16	--	0.008	--	0.077	6.7	6.8	0.0011	0.11	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.11
BP-2A	04/09/13	N	1.39	-25.8	7.23	0.33	--	2.4	5	--	1.9	--	45	--	0.002	--	0.23	180	180	0.0094	0.038 J	<0.05	--	<0.1	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.038
BP-2A	04/09/13	FD	--	--	--	--	--	2.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2A	10/29/13	N	1.17	-2.1	6.35	1.45	--	3.1	--	--	0.6	--	21	--	0.003	--	0.12	93	93	0.22	0.08	<0.05	--	<0.5	<0.1	0.36	<0.07	<0.15	0.024 J	<0.15	0.46
BP-2A	04/16/14	N	0.77	-10.9	6.38	1.12	--	5	--	--	0.7	--	49	--	0.071	--	0.25	180	180	1.3	0.43	0.051	--	<0.5	<0.1	<0.1	<0.07	<0.15	0.16	<0.15	0.64
BP-2A	04/16/14	FD	--	--	--	--	--	6.4	--	--	--	--	--	--	--	--	0.23	170	170	1.3	0.43	0.052	--	<0.5	<0.1	<0.1	<0.07	0.074 J	0.16	0.055 J	0.77
BP-2A	06/04/14	N	0.6	-45.5	6.32	1.9	--	5.5	--	--	0.9	--	16	--	0.095	--	0.21	280	280	1.5	0.091	<0.05	--	<0.5	<0.2	0.15	<0.07	<0.15	<0.05	<0.15	0.24
BP-2A	09/09/14	N	0.31	-72.2	5.93	3.98	--	5.9	--	--	1	--	7	--	0.159	--	0.072	110	110	3.6	0.67	<0.05	--	<0.5	<0.2	0.14	<0.07	<0.15	0.044 J	<0.15	0.85
BP-2A	11/18/14	N	0.81	-31.1	6.26	2.79	--	10	--	--	0.04	--	--	--	0.212	--	0.018 J	5.7	5.7	6	0.044 J	<0.05	--	0.07 J	<0.2	0.33	0.07	<0.15	0.029 J	0.075 J	0.62
BP-2A	04/08/15	N	0.43	-78.2	6.48	>3.78	--	10.6	--	--	2.2	--	34	--	0.097	--	0.097	52	52	2.3	4.1	0.7	--	<0.5	<0.2	<0.1	<0.07	0.18	0.54	0.13 J	5.7
BP-2A	04/08/15	FD	--	--	--	--	--	11	--	--	--	--	--	--	--	--	0.095	48	48	2	4.1	0.68	--	<0.5	<0.2	<0.1	<0.07	0.18	0.54	0.12 J	5.6
BP-2A	06/24/15	N	0.32	-25.9	6.05	>4.77	--	4.7	--	--	1.3	--	48	--	0.048	--	0.14	140	140	3.4	0.031 J	<0.05	--	<0.5	<0.2	<0.1	0.0064 J	<0.15	0.0051 J	<0.15	0.043
BP-2A	06/24/15	FD	--	--	--	--	--	4.8	--	--	--	--	--	--	--	--	0.14	140	140	3.5	0.031 J	0.0021 J	--	<0.5	<0.2	<0.1	0.0063 J	<0.15	0.004 J	<0.15	0.043
BP-2A	09/22/15	N	0.25	-46.5	6.26	>4.07	--	3.9	--	--	0.7	--	23	--	0.258	--	0.11	160	160	2.5	0.056 J	0.017 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.073
BP-2A	09/22/15	FD	--	--	--	--	--	4	--	--	--	--	--	--	--	--	0.1	140	140	2.2	0.05 J	0.018 J	--	<0.2	<0.2	0.03 J	<0.1	<0.1	<0.1	<0.1	0.098
BP-2A	11/16/15	N	0.26	-73	5.35	>5.87	--	4.9	--	--	0.4	--	39	--	0.032	--	1.2	330	330	3.3	0.048 J	0.026 J	--	<0.2	<0.2	0.021 J	0.01 J	<0.1	0.0045 J	<0.1	0.11
BP-2A	11/16/15	FD	--	--	--	--	--	5	--	--	--	--	--	--	--	--	1.2	320	320	3.3	0.057 J	0.027 J	--	<0.2	<0.2	<0.2	0.01 J	<0.1	0.005 J	<0.1	0.099
BP-2A	04/12/16	N	0.59	-60.2	6.86	>4.12	--	4.8	--	--	0.5	--	50	--	0.299	--	0.43	320	320	2	0.023 J	0.027 J	--	<0.2	<0.2	<0.2	0.043 J	<0.1	<0.1	<0.1	0.093
BP-2A	06/21/16	N	0.28	13	6.47	>4.8	--	4.2	--	--	0.9	--	54	--	0.025	--	0.42	430	430	1.7	0.035 J	0.037 J	--	<0.2	<0.2	0.017 J	0.031 J	<0.1	<0.1	<0.1	0.12
BP-2A	09/21/16	N	1.66	-22.3	6.62	>5.19	--	4	--	--	0.3	--	23	--	0.072	--	1.1	370	370	1.3	0.03 J	0.011 J	--	<0.2	<0.2	0.016 J	0.028 J	<0.1	0.0048 J	<0.1	0.090
BP-2A	04/25/17	N	0.26	-156.5	6.97	>3	--	5.1	--	--	0.3	--	46	--	0.07	--	0.46	250	250	1.4	0.37 J	<1	--	<2	<2	0.41 J	0.13 J	<1	<1	<1	0.91
BP-2A	06/20/17	N	0.26	-140.8	6.71	>3	--	4	--	--	0.6	--	30	--	0.09	--	0.46	410	410	1.2	0.022 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.022
BP-2A	10/11/17	N	2.8	-90	6.35	>3	--	5.1	--	--	4.7	--	2	--	0.37	--	0.88	900	900	1.6	2.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.023 J	<0.1	2.1
BP-2A	04/18/18	N	0.49	38.6	6.7	--	13	3.7	--	--	--	<0.5	--	29.5	--	<0.3	0.55	160	160	1.1	0.036 J	<0.1	--	<0.2	<0.2	<0.2	0.018 J	<0.1	<0.1	<0.1	0.054
BP-2A	06/13/18	N	0.11	-114.7	6.75	--	6.2	3.5	--	--	--	<0.50	--	47.8	--	0.3 J	0.49	450	450	1.2	0.04 J	<0.1	--	<0.2	<0.2	<0.2	0.05 J	<0.1	0.01 J	<0.1	0.10
BP-2A	09/26/18	N	0.94	-64.9	6.81	--	12.9	4.4	--	--	--	<0.5	--	7.8	--	0.38	1.1	35	36	3.6	0.15	0.038 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.091 J	<0.1	0.28
BP-2A	03/27/19	N	0.23	-114.1	6.72	--	9.21	3.2	--	--	--	<0.5	--	44.2	--	<0.3	0.46	340	340	1.1	0.054 J	0.031 J	--	<0.2	<0.2	<0.2	0.036 J	<0.1	0.022 J	<0.1	0.14
BP-2A	06/12/19	N	0.39	-65.5	6.86	--	9.95	4.7	--	--	--	<0.5	--	22.4	--	0.11 J	0.85	250	250	1	0.09 J	0.018 J	--	0.031 J	<0.2	<0.2	0.021 J	<0.1	0.032 J	<0.1	0.19
BP-2A	09/17/19	N	0.59	-80.4	6.52	--	8.54	5.4	--	--	--	<0.5	--	34.4	--	0.3	0.86	700	700	0.95	0.087 J	0.015 J	--	<0.2	<0.2	<0.2	0.031 J	<0.1	0.0082 J	<0.1	0.14
BP-2A	04/14/20	N	0.27	-42.8	6.77	--	7.01	3.6	--	--	--	<0.5	--	50.6	--	0.3 J	0.49	190	190	1.2	0.046 J	0.025 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0024 J	<0.1	0.073
BP-2A	09/09/20	N	2.91	-53	6.06	--	14	5.8	--	--	--	<0.50	--	88 E	--	<2.0	<1	16	16	0.03	1.3	<1	--	<1	<1	0.16 J	<1	<1	<1	<1	1.5
BP-2A	11/11/20	N	1.15	-75.8	6.58	--	6.1	6.3	--	--	--	0.54	--	82	--	<2.0	<1	17	17	0.11	1.6 J	<2.5	--	0.36 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.0
BP-2A	04/13/21	N	1.13	-75.4	6.79	--	6.5	4.8	--	--	--	<0.5	--	32	--	<2	0.33 J	110	110	0.54	2.4 J	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.4
BP-2A	06/29/21	N	3.22	-62.9	6.24	--	4.5	3.3	--	--	--	<0.5	--	35	--	--	0.3 J	110	110	0.24	0.41 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.41
BP-2A	10/13/21	N	3.89	-148.5	6.83	--	5.7	5.2	--	--	--	<0.50	--	27	--	<2.0	0.25 J	32	32	0.2	0.3 J	<0.5	--	<0.5	0.15 J	1.5	<0.5	<0.5	<0.5	<0.5	2.0
BP-2A	11/15/21	N	0.01	-66.6	6.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2A	04/13/22	N	0.37	-109.1	6.93	--	11	6	--	--	--	<0.50	--	15	--	<2.0	1.2	19	20	1.4	1	<0.5	--	0.27 J	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	3.6
BP-2A	08/02/22	N	7.18	-35.4	6.54	--	17	6.5	--	--	--	0.57	--	85	--	<2.0	0.41 J	82	82	0.099	2.6 J	<5	--	<5	<5	3.4 J	<5	<5	<5	<5	6.0
BP-2A	10/12/22	N	0.74	-72.2	6.55	--	10	6.1 ^2	--	--	--	<0.55	--	38	--	<2.0	1 J	430	430	0.7	2 J	<5	--	<5	<5	3.9 J	2.3 J	<5	<5	<5	8.2
BP-2A	04/26/23	N	0.96	-81.7	7.09	--	11 HF	4.2	--	--	--	<0.55	--	51	--	<2.0	0.86 J	54	55	0.34	2.6 J	<5	--	<5	<5	1.6 J	<5	<5	0.73 J	<5	4.9
BP-2A	08/09/23	N	0.99	142.7	6.61	--	12 HF	4.1	--	--	--	0.42 J	--	13	--	<2.0	<5	1.4 J	1.4	0.372	<1.0	<1.0	0.13 J	<1.0	<1.0	2.1	<1.0	<1.0	<1.0	<1.0	2.2
BP-2A	11/01/23	N	0.38	-115.1	6.63	--	25 HF,F1	6.2	--	--	--	<0.55	--	50	--	<2.0	<5	<5	ND	0.931	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<0.50	<0.50	<0.50	1.7
BP-2A	04/10/24	N	0.16	-10	6.39	--	2.1 HF	3.5	--	--	--	<0.55	--	11	--	<2.0	<5	0.86 J	0.86	0.638	<2.5	<2.5	<2.5	<2.5	<2.5	1.8 J	<2.5	<2.5	0.41 J	<2.5	2.2

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Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-2A	08/14/24	N	0.14	-97.7	6.84	--	11 HF	5.2	--	--	--	1	--	25	--	<2.0	10.2	<5	10	14.6	<1.0	<1.0	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0	<1.0	2.0
BP-2A	11/13/24	N	--	--	--	--	17 HF	5.4	--	--	--	<0.11	--	99	--	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-2A	11/14/24	N	2.85	-53.8	6.49	--	--	--	--	--	--	--	--	--	--	--	<5 H	<5 H	ND	0.0052 J,H	15 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	30 H	15 H	<0.5 H	60
BP-2A	04/09/25	N	0.19	-124.1	7.07	--	15 HF	5.4	--	--	--	<0.11	--	1.4 J	--	<2.0	<13	<13	ND	0.255	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2A	08/06/25	N	--	--	--	--	24 HF	--	--	--	--	<0.11 *+	--	120	--	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-3	07/27/06	N	--	--	--	--	--	265	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-3	09/13/06	N	--	--	--	--	--	--	--	135	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-3	09/13/06	N	--	--	--	--	--	--	--	119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-3	09/13/06	N	--	--	--	--	--	--	--	9.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-3	01/10/07	N	--	--	--	--	0.5 J	180	--	2,100	--	1.2	--	97	--	0.6 J	0.032	0.31	0.34	0.011	--	--	--	--	--	--	--	--	--	--	--
BP-3	04/03/07	N	--	--	--	--	--	--	--	2,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-3	09/10/08	N	--	--	--	--	--	1,080	--	--	--	--	--	--	--	--	0.26	510	510	0.017	--	--	--	--	--	--	--	--	--	--	--
BP-3	09/21/10	N	1.12	-185.5	6.34	1.45	--	575	4,200 E	--	4	--	30	--	0.094	--	0.68	110	110	0.032	18	<0.5	--	<0.5	<0.5	4.9	2.7	<1.5	11	<1.5	37
BP-3	01/12/11	N	0.27	-165.9	6.59	1.06	--	308	1,520	--	3.3	--	12	--	0.039	--	0.44	83	83	0.029	8.2	<0.5	--	<0.5	<0.5	<1 B	0.99	<1.5	1.5	<1.5	11
BP-3	01/13/11	N	-0.14	-130.1	6.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-3	03/22/11	N	0.66	-241.5	6.6	0.94	--	268	1,230	--	3.7	--	10	--	0.259	--	0.38	92	92	0.046	15	10	--	<5	<5	<10	<7	<15	7.5	<15	33
BP-3	03/23/11	N	0	-219.7	6.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-3	05/16/11	N	0.09	-218.5	6.68	1.73	--	252	2,520	--	1.7	--	21	--	0.077	--	0.3	35	35	0.035	7 J	<5	--	<5	<5	<10	<7	<15	5.6	<15	13
BP-3	06/20/11	N	0.03	-135.5	6.61	2.8	--	315	1,700	--	1.5	--	10	--	0.098	--	0.6	30	31	0.08	10	<0.5	--	<0.5	<0.5	<1	0.98	<1.5	1.1	<1.5	12
BP-3	06/21/11	N	2.25	-230.5	6.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-3	10/10/11	N	-0.32	-234.5	6.38	1.4	--	--	5,700	--	6.4	--	12	--	0.529	--	--	--	--	--	42	<0.05	--	<0.05	<0.05	0.8 J	1.3	<0.15	<0.05	0.44	45
BP-3	03/20/12	N	0.45	-255.3	6.41	2.3	--	362	2,980	--	2.6	--	10	--	0.069	--	0.52	76	77	0.12	5.6 J	2.4 J	--	<5	<5	7.8 J	1.5 J	<15	<5	<15	17
BP-3	09/10/12	N	0.13	-249.5	6.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-3	09/11/12	N	--	--	--	1.29	--	761	<3.5	--	2	--	0	--	0.209	--	0.37	79	79	0.14	74	<5	--	<5	<5	<10	2.6 J	<15	<5	<15	77
BP-3	04/09/13	N	0.07	140.7	6.65	0.93	--	415	87	--	6	--	16	--	0.355	--	0.66	100	100	1	15	2.3 J	--	<10	<5	6.9 J	<7	<15	<5	<15	24
BP-4	07/27/06	N	--	--	--	--	--	12.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4	09/13/06	N	--	--	--	--	--	--	--	4.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4	09/27/06	N	--	--	--	--	--	--	--	254	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4	04/02/07	N	--	--	--	--	--	--	--	180 M	--	--	--	--	--	--	0.059	0.13	0.19	0.0049	--	--	--	--	--	--	--	--	--	--	--
BP-4	04/02/07	FD	--	--	--	--	--	--	--	180 M	--	--	--	--	--	--	0.044	0.089	0.13	0.004	--	--	--	--	--	--	--	--	--	--	--
BP-4	09/21/10	N	3.7	239.7	7.26	0.05	--	26.7	316	--	0.8	--	>116	--	0.063	--	0.014 J	0.11	0.12	0.011	<0.07	<0.05	--	<0.05	<0.05	1.5	0.12	0.1 J	<0.05	0.2	1.9
BP-4	01/10/11	N	1.73	-0.9	7.06	0.05	--	22.3	246	--	0.5	--	97	--	--	--	0.016 J	0.1	0.12	0.014	0.057 J	<0.05	--	<0.05	<0.05	1 B	<0.07	<0.15	<0.05	0.16	1.2
BP-4	01/11/11	N	1	-58.2	7.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4	03/22/11	N	2.17	80.8	7.21	0.03	--	20.7	181.3	--	2.1	--	102	--	0.006	--	0.015 J	0.048	0.063	0.0044	0.16	0.1	--	<0.05	<0.05	<0.1	0.074	<0.15	0.088	0.14 J	0.56
BP-4	03/22/11	N	--	--	--	--	--	20.4	--	--	--	--	--	--	--	--	0.017 J	0.046	0.063	0.0049	0.19	0.1	--	<0.05	<0.05	<0.1	0.08	<0.15	0.095	0.14 J	0.61
BP-4	05/16/11	N	1.64	123.7	7.19	0.09	--	24.6	300	--	0.4	--	93	--	0.007	--	0.025 J	0.047	0.072	0.0028	0.07 J	<0.05	--	<0.05	<0.05	0.24	<0.07	<0.15	<0.05	<0.15	0.31
BP-4	05/16/11	N	--	--	--	--	--	24.5	--	--	--	--	--	--	--	--	0.025 J	0.028	0.053	0.0026	0.081	<0.05	--	<0.05	<0.05	0.25	<0.07	<0.15	<0.05	0.15 J	0.48
BP-4	06/20/11	N	1.47	301.1	7.32	0.05	--	26.3	270	--	0.5	--	>103	--	0.014	--	0.034	0.064	0.098	0.004	0.13	0.098	--	<0.05	<0.05	0.29	<0.07	<0.15	0.063	0.15 J	0.73
BP-4	06/20/11	FD	--	--	--	--	--	25.9	--	--	--	--	--	--	--	--	0.025 J	0.093	0.12	0.0061	0.15	<0.05	--	<0.05	<0.05	0.37	<0.07	<0.15	0.059	0.15 J	0.73
BP-4	10/10/11	N	0.63	167.6	6.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4	03/20/12	N	1.33	117.4	7.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4	09/11/12	N	0.85	180.1	7.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4	04/09/13	N	2.7	26.9	7.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4A	04/02/07	N	--	--	--	--	--	--	--	7.2 M	--	--	--	--	--	--	0.38	7.3	7.7	0.32	--	--	--	--	--	--	--	--	--	--	--
BP-4A	03/11/08	N	--	--	--	--	<1	--	--	7.1	--	1	--	63	--	--	0.14	1.1	1.2	0.049	--	--	--	--	--	--	--	--	--	--	--
BP-4A	09/10/08	N	--	--	--	--	--	7.9	--	--	--	--	--	--	--	--	0.11	0.64	0.75	0.029	--	--	--	--	--	--	--	--	--	--	--
BP-4A	05/18/10	N	1.1	273.3	7.23	0.09	--	7.6	36	--	0.6	--	>89	--	0.009	--	0.76	17	18	0.34	0.056 J	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.075	<0.15	0.13
BP-4A	06/30/10	N	1.82	134.6	7.39	0.06	--	6.7	24.5	--	0.6	--	>92	--	0.009	--	0.74	19	20	0.31	--	--	--	--	--	--	--	--	--	--	--
BP-4A	08/03/10	N	9.77	19.4	7.35	0.44	--	7.5	71	--	0.6	--	>78	--	0.007	--	0.69	24	25	0.28	0.065 J	<0.05	--	<0.05	<0.05	0.013 JM	<0.07	<0.15	0.06	0.076 J	0.21
BP-4A	09/22/10	N	6.19	78	7.1	0.11	--	8.5	56.5	--	0.9	--	>86	--	0.004	--	0.034	0.37	0.40	0.0024	0.055 J	<0.05	--	<0.05	<0.05	0.18	<0.07	<0.15	0.039 J	<0.15	0.27

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-4A	11/08/10	N	3.79	-8.6	6.95	0.08	--	5.2	41	--	0.4	--	67	--	0.005	--	0.074	2.3	2.4	0.0066	0.19 BM	<0.05 M	--	<0.05	<0.05	<0.1 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.19
BP-4A	01/10/11	N	3.47	100.9	7.36	0.09	--	4.2	25.5	--	1.1	--	67	--	0.001	--	0.29	7.4	7.7	0.065	0.037 J	<0.05	--	<0.05	<0.05	0.21 B	<0.07	<0.15	<0.05	<0.15	0.25
BP-4A	01/12/11	N	4.84	189.1	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4A	03/22/11	N	0.87	-153.5	7.2	0.02	--	3.1	8.2	--	0.3	--	61	--	0.006	--	0.37	4.9	5.3	0.078	0.078	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.078
BP-4A	03/23/11	N	0.72	234.5	7.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4A	05/16/11	N	0.69	241.1	7.16	0.1	--	4.8	28.8	--	0.5	--	59	--	0.006	--	0.68	15	16	0.23	0.07 J	<0.05	--	<0.05	<0.05	0.19	<0.07	<0.15	0.073	<0.15	0.33
BP-4A	05/18/11	N	0.37	-233.2	<15.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4A	06/20/11	N	0.74	180.8	7.16	0.04	--	5.7	21.7	--	2.4	--	59	--	0.003	--	0.8	19	20	0.26	0.07 J	<0.05	--	<0.05	<0.05	0.2	<0.07	<0.15	<0.05	<0.15	0.27
BP-4A	06/21/11	N	1.26	-57.4	7.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4A	10/10/11	N	0.94	88.9	6.73	0.02	--	--	39.3	--	0.3	--	59	--	0.015	--	--	--	--	--	0.12	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.087	<0.15	0.21
BP-4A	10/10/11	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12	<0.05	--	<0.05	<0.05	0.31	<0.07	<0.15	0.075	<0.15	0.51
BP-4A	12/05/11	N	1.13	166.4	7.37	0.05	--	--	13.2	--	0.7	--	63	--	0.021	--	0.77	34	35	0.19	<0.07	<0.05	--	<0.05	<0.05	0.1	<0.07	<0.15	<0.05	<0.15	0.10
BP-4A	03/20/12	N	2.37	154.2	7.27	0.1	--	3.8	14.9	--	1.4	--	55	--	0.043	--	0.99	37	38	0.34	0.012 J	0.025 J	--	<0.05	<0.05	0.17	0.019 J	<0.15	0.009 J	<0.15	0.24
BP-4A	03/20/12	FD	--	--	--	--	--	3.7	--	--	--	--	--	--	--	--	0.87	34	35	0.3	0.036 J	<0.05	--	<0.05	<0.05	0.12	0.023 J	<0.15	<0.05	<0.15	0.18
BP-4A	09/13/12	N	--	--	--	--	--	8.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4A	04/09/13	N	1.19	22.5	7.5	0.06	--	3.1	10.3	--	0.4	--	42	--	0.002	--	1.2	28	29	0.54	<0.07	<0.05	--	<0.1	<0.05	0.24	<0.07	<0.15	<0.05	<0.15	0.24
BP-4A	04/09/13	FD	--	--	--	--	--	2.7	--	--	--	--	--	--	--	--	1.4	31	32	0.63	0.024 J	<0.05	--	<0.1	<0.05	0.13	<0.07	<0.15	<0.05	<0.15	0.15
BP-4A	10/30/13	N	1.67	58.8	7.31	0	--	5.5	--	--	0.3	--	60	--	--	--	1.8	79	81	0.83	0.038 J	<0.05	--	<0.5	<0.1	0.13	<0.07	<0.15	<0.05	<0.15	0.17
BP-4A	04/16/14	N	1.73	186.2	7.57	0.04	--	4.4	--	--	0.5	--	42	--	--	--	1.8	25	27	0.72	0.081	<0.05	--	<0.5	<0.1	0.026 J	<0.07	<0.15	0.032 J	<0.15	0.14
BP-4A	06/04/14	N	0.95	57	7.41	0.03	--	4.8	--	--	0.07	--	49	--	0.006	--	2.2	42	44	1.1	0.058 J	<0.05	--	<0.5	<0.2	0.085 J	<0.07	<0.15	<0.05	<0.15	0.14
BP-4A	09/09/14	N	6.59	59.7	7.51	--	--	7.1	--	--	0.6	--	68	--	--	--	1.5	75	77	0.89	0.066 J	<0.05	--	<0.5	<0.2	0.18	<0.07	<0.15	<0.05	<0.15	0.25
BP-4A	11/18/14	N	2.03	-69.8	7.27	0.03	--	10.1	--	--	0.05	--	65	--	0.09	--	1.7	92	94	1.1	0.029 J	0.051	--	<0.5	<0.2	0.16	0.16	<0.15	0.032 J	0.088 J	0.52
BP-4A	04/09/15	N	0.22	-12	7.63	0.06	--	3	--	--	0.9	--	44	--	0.001	--	1.2	14	15	0.55	0.081 B	0.071	--	<0.5	<0.2	0.069 J	<0.07	<0.15	0.045 J	<0.15	0.27
BP-4A	04/09/15	FD	--	--	--	--	--	2.9	--	--	--	--	--	--	--	--	0.97	13	14	0.5	0.088 B	0.073	--	<0.5	<0.2	0.066 J	0.09	0.088 J	0.046 J	0.091 J	0.54
BP-4A	06/24/15	N	0.17	-39.1	7.16	0.02 J	--	3.5	--	--	0.6	--	42	--	0.002 J	--	2.5	36	39	0.8	0.026 J	0.004 J	--	<0.5	<0.2	<0.1	<0.07	<0.15	0.0015 J	<0.15	0.032
BP-4A	09/22/15	N	0.37	126.5	6.86	0.52	--	7	--	--	7.3	--	>151	--	0.089	--	3.6	74	78	1.1	0.032 J	0.01 J	--	<0.2	<0.2	0.013 J	0.099 J	<0.1	<0.1	0.012 J	0.17
BP-4A	11/16/15	N	0.58	43.9	7.13	0.16	--	8.5	--	--	0.8	--	>88	--	0.1	--	2.8	75	78	0.96	0.032 J	0.007 J	--	<0.2	<0.2	0.014 J	0.11	<0.1	0.0024 J	0.019 J	0.18
BP-4A	04/13/16	N	0.97	37.4	7.6	0.01	--	2.8	--	--	0.4	--	23	--	0.078	--	8.9	18	27	0.87	0.014 J	0.0051 J	--	<0.2	<0.2	0.03 J	0.011 J	<0.1	<0.1	<0.1	0.060
BP-4A	04/13/16	FD	--	--	--	--	--	2.8	--	--	--	--	--	--	--	--	9.8	20	30	0.98	0.017 J	<0.1	--	<0.2	<0.2	0.028 J	0.01 J	<0.1	<0.1	<0.1	0.055
BP-4A	06/21/16	N	0.16	119.5	7.42	0.01	--	3.9	--	--	0.8	--	42	--	0.004	--	16	34	50	1.8	0.021 J	0.0094 J	--	<0.2	<0.2	0.049 J	<0.1	<0.1	<0.1	<0.1	0.079
BP-4A	09/21/16	N	1	-22.8	7.43	0.02	--	6.9	--	--	0.3	--	49	--	0.013	--	12	62	74	1.4	0.023 J	<0.1	--	0.011 J	<0.2	0.033 J	0.086 J	<0.1	<0.1	<0.1	0.15
BP-4A	09/21/16	FD	--	--	--	--	--	6.9	--	--	--	--	--	--	--	--	13	71	84	1.6	0.044 J	0.0094 J	--	<0.2	<0.2	0.029 J	0.094 J	<0.1	<0.1	0.0086 J	0.19
BP-4A	04/25/17	N	0.32	35.7	7.4	0.29	--	5.1	--	--	0.2	--	17	--	0.07	--	31	51	82	3.5	0.33 J	<1	--	<2	<2	0.22 J	<1	<1	<1	<1	0.55
BP-4A	04/25/17	FD	--	--	--	--	--	4.8	--	--	--	--	--	--	--	--	29	48	77	3.2	0.28 J	<1	--	<2	<2	0.14 J	0.12 J	<1	<1	<1	0.54
BP-4A	06/20/17	N	1.07	-73.3	7.45	0.09	--	4.6	--	--	0.4	--	22	--	0.09	--	36	41	77	3.2	0.048 J	0.0074 J	--	<0.2	<0.2	<0.2	0.013 J	<0.1	0.046 J	0.023 J	0.14
BP-4A	10/11/17	N	0.92	18.5	7.34	0.21	--	4.6	--	--	1.2	--	16	--	0.03	--	27	56	83	2.9	0.024 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.024
BP-4A	10/11/17	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25	36	61	2.7	0.019 J	<0.1	--	<0.2	<0.2	0.014 J	<0.1	<0.1	<0.1	<0.1	0.033
BP-4A	04/17/18	N	0.28	-4.5	6.89	--	0.02 J	4.5	--	--	--	<0.5	--	39.9	--	<0.3	29	39	68	3.6	0.049 J	<0.1	--	<0.2	<0.2	<0.2	0.025 J	<0.1	<0.1	<0.1	0.074
BP-4A	04/17/18	FD	--	--	--	--	--	4.5	--	--	--	--	--	--	--	--	30	41	71	3.8	0.045 J	<0.1	--	<0.2	<0.2	<0.2	0.025 J	<0.1	<0.1	<0.1	0.070
BP-4A	06/12/18	N	0.63	21.6	7.48	--	0.041 J	4.2	--	--	--	<0.50	--	40.2	--	<0.30	24	36	60	3.3	0.03 J	<0.1	--	<0.2	<0.2	<0.2	0.05 J	<0.1	<0.1	<0.1	0.080
BP-4A	09/26/18	N	0.46	-39.6	7.35	--	0.0948 J	4	--	--	--	<0.5	--	26.8	--	<0.3	41	34	75	4.3	0.14	0.035 J	--	<0.2	<0.2	<0.2	0.036 J	<0.1	0.077 J	<0.1	0.29
BP-4A	09/26/18	FD	--	--	--	--	--	4	--	--	--	--	--	--	--	--	36	31	67	3.7	0.085 J	0.017 J	--	<0.2	<0.2	<0.2	0.042 J	<0.1	0.065 J	<0.1	0.21
BP-4A	03/27/19	N	0.16	-7.3	7.43	--	0.0215 J	3	--	--	--	<0.5	--	29	--	<0.3	39	23	62	4.9	0.046 J	0.015 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.014 J	<0.1	0.075
BP-4A	03/27/19	FD	--	--	--	--	--	3	--	--	--	--	--	--	--	--	38	21	59	4.7	0.029 J	0.015 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.012 J	<0.1	0.056
BP-4A	06/12/19	N	0.22	-33.4	7.48	--	0.0395 J	3.6	--	--	--	<0.5	--	28.7	--	<0.3	48	23	71	6.4	0.077 J	0.02 J	--	<0.2	<0.2	<0.2	0.011 J	<0.1	0.033 J	0.0079 J	0.15
BP-4A	09/17/19	N	0.39	49.7	7.46	--	0.0235 J	4.6	--	--	--	<0.5	--	35.4	--	<0.3	43	29	72	5.3	0.05 J	0.016 J	--	<0.2	<0.2	<0.2	0.021 J	<0.1	0.011 J	<0.1	0.098
BP-4A	09/17/19	FD	--	--	--	--	--	4.4	--	--	--	--	--	--	--	--	45	31	76	5.4	0.047 J	0.016 J	--	<0.2	<0.2	<0.2	0.02 J	<0.1	0.01 J	<0.1	0.093
BP-4A	04/14/20	N	0.2	-54.1	7.58	--	0.0324 J	2.7	--	--	--	0.59	--	21.4	--	<0.3	44	14	58	6.4	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0059 J	<0.1	0.0059
BP-4A	04/14/20	FD	--	--	--	--	--	2.7	--	--	--	--	--	--	--	--	49	14	63	7	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.002 J	<0.1	0.0020
BP-4A	09/09/20	N	1.05	-61.5	10	--	0.025 J	3	--	--	--	<0.50	--	19	--	<2.0	46	42	88	5.9	0.54	<0.5	--	0.073 J	<0.5	<0.5	<0.5	<0.5	0.066 J	<0.5	0.68

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-4A	11/11/20	N	1.42	144.2	7.36	--	0.02 J	3.1	--	--	--	<0.50	--	24	--	<2.0	55	30	85	7.3	0.38 J	<0.5	--	<0.5	<0.5	0.061 J	<0.5	<0.5	<0.5	<0.5	0.44
BP-4A	11/11/20	FD	--	--	--	--	--	4.1	--	--	--	--	--	--	--	--	51	28	79	6.8	0.38 J	<0.5	--	<0.5	<0.5	0.054 J	<0.5	<0.5	<0.5	<0.5	0.43
BP-4A	04/13/21	N	0.19	-59.3	7.53	--	<0.1	3.9	--	--	--	<0.5	--	19	--	<2	56	37	93	7.3	0.54	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.54
BP-4A	04/13/21	FD	--	--	--	--	--	3.9	--	--	--	--	--	--	--	--	55	36	91	7.3	0.56	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.56
BP-4A	06/29/21	N	0.2	25.5	7.06	--	<0.1	3.2	--	--	--	0.49 J	--	23	--	<2	36	24	60	4.1	0.37 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.37
BP-4A	10/13/21	N	0.17	-107.1	7.43	--	0.066 J	3.4	--	--	--	<0.50	--	25	--	<2.0	51	22	73	5.5	0.3 J	<0.5	--	<0.5	<0.5	0.84	<0.5	<0.5	0.07 J	<0.5	1.2
BP-4A	10/13/21	FD	--	--	--	--	--	3.4	--	--	--	--	--	--	--	--	54	22	76	5.9	0.3 J	<0.5	--	<0.5	<0.5	0.85	<0.5	<0.5	<0.5	<0.5	1.2
BP-4A	11/15/21	N	6.61	107.1	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4A	11/16/21	N	0.02	-99.1	8.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4A	11/17/21	N	0.21	156.2	7.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4A	11/18/21	N	0.04	189.9	7.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4A	12/08/21	N	--	--	7.39	--	--	--	--	--	--	--	--	--	--	--	30	12	42	2.7	--	--	--	--	--	--	--	--	--	--	--
BP-4A	02/10/22	N	--	--	7.5	--	--	--	--	--	--	--	--	--	--	--	66	90	160	0.25	--	--	--	--	--	--	--	--	--	--	--
BP-4A	04/12/22	N	0.03	-32.2	7.46	--	<0.10	4.4	--	--	--	0.34 J	--	23	--	<2.0	44	16	60	6.3	0.77	<0.5	--	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	2.0
BP-4A	04/12/22	FD	--	--	--	--	--	4.2	--	--	--	--	--	--	--	--	39	14	53	5.8	0.89	<0.5	--	0.26 J	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	2.6
BP-4A	08/03/22	N	0.29	-42.5	7.38	--	<0.10	4.4	--	--	--	0.38 J	--	27	--	<2.0	31	18	49	3.7	2.7 J	<5	--	<5	<5	2.3 J	<5	<5	<5	<5	5.0
BP-4A	10/12/22	N	0.31	-138.7	7.45	--	<0.10	5.1 ^2	--	--	--	<0.55	--	26	--	<2.0	48	21	69	6.4	2.2 J	<5	--	<5	<5	2.2 J	<5	<5	<5	<5	4.4
BP-4A	10/12/22	FD	--	--	--	--	--	5 ^2	--	--	--	--	--	--	--	--	47	20	67	6.3	2.1 J	<5	--	<5	<5	2.1 J	<5	<5	<5	<5	4.2
BP-4A	04/26/23	N	0.44	-45.3	7.53	--	<0.10 HF	4.6	--	--	--	<0.55	--	36	--	<2.0	18	15	33	2.8	2.5 J	<5	--	<5	<5	1 J	<5	<5	0.88 J	<5	4.4
BP-4A	04/26/23	FD	--	--	--	--	--	4.4	--	--	--	--	--	--	--	--	19	16	35	3	2.5 J	<5	--	<5	<5	0.56 J	<5	<5	0.69 J	<5	3.8
BP-4A	08/09/23	N	1.13	-7.4	5.32	--	11 HF	3,200	--	--	--	<0.55	--	<7.5	--	<40	35.3 J	46.8 J	82	5.16	528	62.3 J	<100	<100	<100	<100	13.2 J	<100	648	19 J	1,300
BP-4A	08/09/23	FD	--	--	--	--	--	3,500	--	--	--	--	--	--	--	--	19.1 J	23.9 J	43	5.15	523	58.4 J	<100	<100	<100	<100	<100	<100	630	19.7 J	1,200
BP-4A	11/01/23	N	0.58	4.9	5.52	--	24 HF	350	--	--	--	<0.55	--	<7.5	--	<2.0	19.7	41.5	61	12.8	487	41.8 J	<100	<100	<100	<100	13.2 J	<100	<100	<100	540
BP-4A	11/01/23	FD	--	--	--	--	--	350	--	--	--	--	--	--	--	--	25.3	50.1	75	16.8	425	45 J	<50.0	<50.0	<50.0	<50.0	12.1 J	<50.0	82.3	11.1 J	580
BP-4A	04/09/24	N	0.2	-49.1	6.41	--	6.6 HF,F1	100	--	--	--	<0.55	--	<7.5	--	<2.0	<250	<250	ND	32.6	63.1	17	5.9	8.5	<5.0	1.9 J	4.2 J	2.7 J	16.8	4.3 J	120
BP-4A	04/09/24	FD	--	--	--	--	--	110	--	--	--	--	--	--	--	--	<250	<250	ND	12.5	64.4	17.4	6.1	8.8	<5.0	1.8 J	4.2 J	2.9 J	17.1	4.4 J	130
BP-4A	08/14/24	N	0.21	-48.5	6.57	--	3.7 HF	50	--	--	--	<0.55	--	<7.5	--	<2.0	<5	10.3	10	0.173	65.7	<10.0	<10.0	<10.0	<10.0	3.5 J	<10.0	<10.0	2.2 J	<10.0	71
BP-4A	08/14/24	FD	--	--	--	--	--	49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-4A	11/12/24	N	6.64	-24.4	6.86	--	2.2 HF	41	--	--	--	<0.11	--	0.88 J	--	<2.0	<5 H	<5 H	ND	<0.0100 H	81 H	<0.5 H	38 H	5.4 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	120
BP-4A	11/12/24	FD	--	--	--	--	--	43	--	--	--	--	--	--	--	--	<5 H	<5 H	ND	<0.0100 H	63 H	<0.5 H	51 H	5.7 H	<0.5 H	<0.5 H	<0.5 H	16 H	<0.5 H	<0.5 H	140
BP-4A	08/05/25	N	1.97	-115.9	7.05	--	1.2 HF	16	--	--	--	<0.11 *+	--	3.1	--	<2.0	33.8	<13	34	5.18	13	<5	<5	<5	<5	10	<5	<5	<5	<5	23
BP-4A	08/05/25	FD	--	--	--	--	--	14	--	--	--	--	--	--	--	--	29.9	<13	30	4.21	11	<5	<5	<5	<5	8.1	<5	<5	<5	<5	19
BP-5	07/27/06	N	--	--	--	--	--	71.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-5	09/13/06	N	--	--	--	--	--	--	--	18.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-5	04/02/07	N	--	--	--	--	--	--	--	1,200	--	--	--	--	--	--	0.12	0.32	0.44	0.0043	--	--	--	--	--	--	--	--	--	--	--
BP-5A	01/10/07	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.013 J	0.018 J	0.031	0.00073	--	--	--	--	--	--	--	--	--	--	--
BP-5A	04/02/07	N	--	--	--	--	--	--	--	140 M	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-5A	11/10/10	N	6.76	5.7	7.32	0.13	--	42.5	106.5	160	1	--	--	--	0.01	--	0.011 J	0.17	0.18	0.00036	0.064 JBM	<0.05 M	--	<0.05	<0.05	0.21 M	<0.07 M	0.075 JM	<0.05 M	0.14 JM	0.49
BP-5A	01/13/11	N	5.08 5.26	256.5 207.6	6.72 6.79	0.04	--	32.9	37.4	--	0.8	--	--	--	0.005	--	0.011 J	0.071	0.082	0.00012	0.08	<0.05	--	<0.05	<0.05	0.23 B	<0.07	<0.15	0.087	<0.15	0.40
BP-5A	03/22/11	N	1.34	147.6	6.59	0.09	--	39	87	--	0.06	--	--	--	0.004	--	0.18	8.6	8.8	0.029	0.31	0.25	--	<0.05	<0.05	<0.1	1.2	<0.15	0.12	0.11 J	2.0
BP-5A	03/24/11	N	4.79	46	6.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-5A	05/17/11	N	1.83	222.3	6.51	0.07	--	46.7	41.4	--	1.1	--	--	--	0.009	--	0.14	6.6	6.7	0.024	0.3	<0.05	--	<0.05	<0.05	0.18	1.2	0.15 J	0.054	0.37	2.3
BP-5A	05/17/11	FD	--	--	--	--	--	43	--	--	--	--	--	--	--	--	0.14	6.2	6.3	0.03	0.28	<0.05	--	<0.05	<0.05	0.21	1.3	0.15 J	<0.05	0.33	2.3
BP-5A	05/18/11	N	2.61	140.1	6.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-5A	06/20/11	N	1.94	156.4	6.74	0.05	--	46.9	35.2	--	0.8	--	--	--	0.011	--	0.043	0.5	0.54	0.012	0.1	<0.05	--	<0.05	<0.05	0.14	0.63	0.15 J	<0.05	0.15	1.2
BP-5A	06/21/11	N	3.83	243.9	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-5A	10/10/11	N	2.09	139.5	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-5A	12/08/11	N	8.48	198.5	6.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-5A	03/20/12	N	3.86	208	6.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-5A	04/09/13	N	4.9	249.1	6.54	0.43	--	44.1	22.4	--	2.1	--	--	--	0.0224	--	0.12	1.4	1.5	0.003	<0.07	<0.05	--	<0.1	<0.05	0.17	<0.07	<0.15	<0.05	0.083 J	0.25
BP-5A	10/29/13	N	1.68	118.4	6.87	0.07	--	41.5	--	--	0.8	--	--	--	0.004	--	0.024 J	0.044	0.068	0.0006	0.028 J	<0.05	--	<0.5	<0.1	0.15	<0.07	<0.15	<0.05	0.12 J	0.30
BP-5A	04/16/14	N	2.22	355.1	7.01	0.07	--	37.2	--	--	1.4	--	--	--	0.017	--	0.13	4	4.1	0.0097	0.084	<0.05	--	<0.5	<0.1	0.25	0.78	<0.15	0.046 J	<0.15	1.2
BP-5A	06/03/14	N	7.43	225.1	6.72	0.03	--	29.1	--	--	0.9	--	--	--	0.002	--	0.018 J	0.038	0.056	0.0025	0.051 J	<0.05	--	<0.5	<0.2	0.044 J	0.14	<0.15	<0.05	<0.15	0.24
BP-5A	09/10/14	N	1.72	161.3	6.58	--	--	38.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-5A	04/08/15	N	1.41	92.4	6.76	0.06	--	21.9	--	--	1.2	--	--	--	0.002	--	0.081	1.2	1.3	0.0044	0.097 B	<0.05	--	<0.5	<0.2	0.12	0.31	0.11 J	0.049 J	0.12 J	0.81
BP-5A	06/23/15	N	2.08	65.8	6.42	0.05	--	26.4	--	--	1.8	--	--	--	0.007	--	0.03 J	0.041 J	0.071	0.002	0.017 J	<0.05	--	0.011 J	<0.2	<0.1	0.028 J	<0.15	0.0047 J	0.014 J	0.075
BP-5A	09/24/15	N	1.48	37.4	7.12	--	--	26.7	--	--	--	--	--	--	--	--	0.1 J	0.13	0.23	0.00061	0.18	0.017 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	0.017 J	0.21
BP-5A	11/18/15	N	1.91	197	6.66	--	--	16.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-5A	04/12/16	N	5.73	200.3	6.88	0	--	22.9	--	--	1.1	--	3.5	--	0.045	--	0.041 J	0.07 J	0.11	0.0013	0.014 J	<0.1	--	<0.2	<0.2	<0.2	0.026 J	<0.1	<0.1	0.031 J	0.071
BP-5A	06/22/16	N	3.74	80.2	6.87	0.04	--	18.6	--	--	2.5	--	--	--	0.005	--	0.013 J	0.026 J	0.039	0.00018 J	0.021 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	0.017 J	0.038
BP-5A	09/21/16	N	1.06	81.6	6.83	0.04	--	29.4	--	--	0.8	--	--	--	0.055	--	0.017 J	0.074 J	0.091	0.00092	0.022 J	0.014 J	--	1.6	0.068 J	0.06 J	0.056 J	<0.1	<0.1	0.027 J	1.8
BP-5A	04/25/17	N	0.9	139.3	6.57	0.08	--	24.4	--	--	0.5	--	>70	--	0	--	0.084 J	2.3	2.4	0.0072	0.51 J	0.073 J	--	<2	<2	0.16 J	<1	<1	<1	<1	0.74
BP-5A	06/20/17	N	2.83	34.5	6.82	0	--	22.5	--	--	0.7	--	0	--	0.06	--	0.031 J	0.036 J	0.067	0.0005	0.037 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	0.02 J	0.057
BP-5A	10/11/17	N	7.18	61.8	7.12	0	--	20.2	--	--	1.6	--	>70	--	0.06	--	0.017 J	0.065 J	0.082	0.00031 J	0.019 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	0.016 J	0.035
BP-5A	04/18/18	N	4.42	204.9	7.18	--	0.065	21.2	--	--	--	<0.5	--	384	--	<0.3	0.028 J	0.02 J	0.048	0.00096	0.033 J	<0.1	--	<0.2	<0.2	<0.2	0.016 J	<0.1	<0.1	<0.1	0.049
BP-5A	06/13/18	N	4.48	177.8	6.83	--	0.071	20.9	--	--	--	0.33 J	--	380	--	<0.30	0.17	0.51	0.68	0.003	0.02 J	<0.1	--	<0.2	<0.2	<0.2	0.03 J	<0.1	<0.1	0.02 J	0.070
BP-5A	09/26/18	N	4.94	108.8	6.76	--	0.0446 J	22.4	--	--	--	<0.5	--	1,840	--	<0.3	0.045 J	0.037 J	0.082	0.0004 J	<0.1	<0.1	--	<0.2	<0.2	0.042 J	<0.1	<0.1	<0.1	0.029 J	0.071
BP-5A	03/27/19	N	3.95	94.2	6.82	--	0.0638 J	19.3	--	--	--	<0.5	--	399	--	<0.3	0.017 J	<0.1	0.017	0.00073	0.039 J	0.016 J	--	0.03 J	<0.2	<0.2	<0.1	<0.1	0.01 J	<0.1	0.095
BP-5A	06/12/19	N	2.36	194.3	6.81	--	0.0264 J	21.4	--	--	--	<0.5	--	434	--	<0.3	0.029 J	0.032 J	0.061	0.00093	0.049 J	<0.1	--	0.057 J	<0.2	<0.2	<0.1	<0.1	0.021 J	0.021 J	0.15
BP-5A	09/18/19	N	--	--	--	--	0.0701 J	22.6	--	--	--	1	--	508	--	<0.3	0.058 J	0.17	0.23	0.00067	0.085 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.017 J	0.026 J	0.13
BP-5A	04/14/20	N	4.01	147.5	6.89	--	0.0159 J	20	--	--	--	0.59	--	408	--	<0.3	0.023 J	0.021 J	0.044	0.00026 J	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	ND
BP-5A	09/09/20	N	2.45	31.2	8.53	--	--	19	--	--	--	--	--	--	--	--	<1	<1	ND	0.0048 J	1.2	0.13 J	--	0.18 J	<0.5	<0.5	<0.5	<0.5	0.087 J	<0.5	1.6
BP-5A	11/11/20	N	--	--	--	--	0.17	--	--	--	--	1.1	--	330	--	<2.0	<1	1.9	1.9	0.0055	--	--	--	--	--	--	--	--	--	--	--
BP-5A	04/13/21	N	2.73	81.4	6.86	--	0.077 J	20	--	--	--	<0.5	--	340	--	<2	<1	0.17 J	0.17	0.01	0.57	<0.5	--	<0.5	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	1.1
BP-5A	06/30/21	N	4.62	147.9	6.53	--	<0.1	19	--	--	--	0.71	--	390	--	<2	<1	0.24 J	0.24	<0.005	0.4 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.40
BP-5A	10/13/21	N	2.89	393.5	7.02	--	0.13	20	--	--	--	1.1	--	400	--	<2.0	<1	<1	ND	0.0072	0.25 J	<0.5	--	<0.5	<0.5	0.44 J	<0.5	0.19 J	<0.5	<0.5	0.88
BP-5A	04/13/22	N	0.82	176.1	6.61	--	0.054 J	23	--	--	--	<0.50	--	510	--	<2.0	0.33 J	2.7	3.0	0.01	0.94	<0.5	--	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	2.1
BP-5A	08/02/22	N	--	--	--	--	<0.10	17	--	--	--	0.91	--	440	--	0.95 J	0.42 J	0.52 J	0.94	0.0051	2.5 J	<5	--	0.7 J	<5	2 J	<5	<5	<5	<5	5.2
BP-5A	10/11/22	N	2.29	160.2	6.4	--	<0.10 HF	17 ^2	--	--	--	0.86	--	390	--	<2.0	<1	<1	ND	0.0046 J	2.3 J	0.61 J	--	<5	<5	2.4 J	<5	<5	<5	<5	5.3
BP-5A	04/26/23	N	2.79	111.6	6.84	--	<0.10 HF	17	--	--	--	0.66	--	400	--	<2.0	0.26 J	<1	0.26	0.0051	0.15 J	<0.5	--	0.098 J	<0.5	0.76	<0.5	<0.5	<0.5	<0.5	1.0
BP-5A	08/10/23	N	1.88	148.7	6.97	--	<0.10 HF	25	--	--	--	1.2	--	450	--	<2.0	<5	<5	ND	<0.0100	<5.0	<5.0	<5.0	<5.0	<5.0	1.1 J	<5.0	<5.0	<5.0	<5.0	1.1
BP-5A	11/01/23	N	5.62	115.1	6.99	--	<5.0 HF	19 F1	--	--	--	1	--	340	--	1.2 J	<5	<5	ND	0.0192	0.73 J	<2.5	<2.5	<2.5	<2.5	1 J	<2.5	<2.5	<2.5	<2.5	1.7
BP-5A	04/10/24	N	0.51	26.4	6.72	--	<0.10 HF	21	--	--	--	<0.55	--	490	--	<2.0	<5	1.5 J	1.5	0.0051 J	<5.0	<5.0	<5.0	<5.0	<5.0	2.1 J	<5.0	<5.0	<5.0	<5.0	2.1
BP-5A	08/14/24	N	1.33	152.4	6.94	--	<0.10 HF	21	--	--	--	0.68	--	410	--	<2.0	<5	<5	ND	0.0055 J	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	<0.50	<0.50	<0.50	1.6
BP-5A	08/06/25	N	0.52	86.5	6.88	--	<0.10 HF	--	--	--	--	1.6 HB	--	310	--	0.71 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-5A	08/07/25	N	--	--	--	--	--	18	--	--	--	--	--	--	--	--	<13	<13	ND	<0.01	<5	<5	<5	<5	<5	120	<5	<5	<5	<5	120
BP-6	07/27/06	N	--	--	--	--	--	482	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6	09/13/06	N	--	--	--	--	--	--	--	75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6	01/09/07	N	--	--	--	--	<1	--	--	3,400	--	<0.5	--	9.6	--	1 J	0.087	0.27	0.36	0.07	--	--	--	--	--	--	--	--	--	--	--
BP-6	01/09/07	FD	--	--	--	--	<1	--	--	3,400	--	1.2	--	5.2	--	1 J	0.1	0.26	0.36	0.065	--	--	--	--	--	--	--	--	--	--	--
BP-6	01/10/07	N	--	--	--	--	--	540	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6	01/10/07	FD	--	--	--	--	--	520	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6	04/03/07	N	--	--	--	--	--	--	--	3,900 M	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6	09/10/08	N	--	--	--	--	--	81.7	--	--	--	--	--	--	--	--	0.39	1.9	2.3	0.24	--	--	--	--	--	--	--	--	--	--	--
BP-6	09/21/10	N	0.57	-102.9	6.57	2.14	--	1,480	10,180	--	9.3	--	12	--	0.282	--	0.13	2.6	2.7	1.9	190	0.76	--	<0.5	<0.5	<1	<0.7	0.78 J	13	<1.5	200
BP-6	09/21/10	N	--	--	--	--	--	1,480	--	--	--	--	--	--	--	--	0.12	2.5	2.6	1.9	200	<5	--	<5	<5	<10	<7	<15	11	<15	210
BP-6	01/12/11	N	--	--	--	--	--	1,310	--	--	--	--	--	--	--	--	0.13	2.6	2.7	3	88	<0.5	--	<0.5	<0.5	<1 B	2.1	0.68 J	<0.5	1.5 J	92
BP-6	01/12/11	N	0.53	-177.7	6.71	1.82	--	1,290	5,640	--	7.6	--	12	--	0.145	--	0.14	2.4	2.5	2.8	98	<0.5	--	<0.5	<0.5	<1 B	1.9	0.66 J	2.8	1.5 J	100
BP-6	01/13/11	N	-0.01	-124.7	6.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-6	03/23/11	N	0.11	-271.7	6.66	1.61	--	1,060	4,950	--	4.3	--	12	--	0.136	--	0.12	2	2.1	2.4	47	3.4	--	0.96	<0.05	<0.1	1.8	0.59	0.45	1.2	55
BP-6	03/23/11	N	--	--	--	--	--	1,050	--	--	--	--	--	--	--	--	0.14	2.2	2.3	2.5	28	3.2	--	1	<0.05	<0.1	0.93	0.4	<0.05	1	35
BP-6	05/16/11	N	0.52	-199.8	6.61	1.9	--	655	3,600	--	2.9	--	12	--	0.105	--	0.12	13	13	1.8	9.3	<5	--	<5	<5	10 J	<7	<15	9.9	15 J	44
BP-6	06/20/11	N	0.26	-231.4	6.19	1.55	--	956	6,000	--	5.4	--	11	--	0.162	--	0.17	1.9	2.1	2.3	62	<5	--	<5	<5	10 J	<7	15 J	<5	15 J	100
BP-6	06/21/11	N	-1.23	-227.8	6.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6	10/10/11	N	0.22	-241.7	6.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6	03/20/12	N	0.53	-295.2	6.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6	09/11/12	N	1.89	-296	6.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6	04/09/13	N	0.03	-304.9	6.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6A	05/21/10	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.92	4.9	5.8	0.011	0.5 J	<0.5	--	<0.5	<0.5	<1	<0.7	<1.5	<0.5	35	36
BP-6A	08/03/10	N	0.27	-53.9	6.51	--	--	696	--	--	--	--	--	--	--	--	1.6	14	16	0.01	4.9	<0.05	--	<0.05	<0.05	<0.1 M	<0.07	<0.15	0.35	<0.15	5.3
BP-6A	09/21/10	N	0.93	-67.2	6.55	--	44 M	805	--	5,100	--	<2.5	--	3,800	--	6.6	2.2	16	18	0.011	4.5	<0.5	--	<0.5	<0.5	<1	1.7	<1.5	0.61	67	74
BP-6A	11/10/10	N	11.07	-67.8	6.48	--	--	36.9	--	7,200	--	--	--	--	--	--	1.5	6.1	7.6	0.0077	11 B	<0.5	--	<0.5	<0.5	<1	<0.7	<1.5	2.1	<1.5	13
BP-6A	01/10/11	N	0.43	-67.5	6.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6A	01/12/11	N	1.11	-56.6	6.82	--	51 M	717	--	7,400 M	--	<2.5 M	--	4,400 M	--	5.1	1.4	19	20	0.019	4.4	<0.5	--	<0.5	<0.5	<1 B	<0.7	6.5 J	1.5	71	83
BP-6A	03/23/11	N	1.97	-134.4	6.65	--	1.5	463	--	4,500	--	<50	--	3,700	--	<2	0.93	1.1	2.0	0.0081	<0.7	<0.5	--	<0.5	<0.5	3.6	<0.7	<1.5	<0.5	36	40
BP-6A	03/24/11	N	0.07	-5.2	6.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6A	05/16/11	N	0.21	6.2	6.43	2.42	--	374	2,580	--	7.7	--	--	--	0.069	--	1.4	1.3	2.7	0.0046	0.48	0.094	--	0.38	<0.05	0.62	0.17	<0.15	0.21	27	29
BP-6A	05/18/11	N	0.28	-3.5	6.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6A	06/21/11	N	0.02	-226	6.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6A	06/22/11	N	0.49	-57.9	6.39	--	4.1	530	--	3,600	--	<0.5	--	3,100	--	2.9	1.4	1.9	3.3	0.017	1.3	<0.5	--	<0.5	<0.5	1 J	0.92	14	0.74	19	37
BP-6A	10/10/11	N	0.44	-89.8	6.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6A	12/05/11	N	0.79	-108.9	6.67	--	74	--	--	5,000	--	<50	--	3,800	--	4.8	1	2.8	3.8	0.0044	13	0.21 J	--	0.54	<0.05	0.36 J	0.97	<1.5	0.1 J	35	50
BP-6A	03/20/12	N	1.36	-97	6.64	>5.42	--	433	2,820	--	8.1	--	>154	--	0.106	--	0.72	0.83	1.6	0.0014	<0.7	<0.5	--	<0.5	<0.5	0.42 J	<0.7	1.3 J	<0.5	27	29
BP-6A	09/11/12	N	0.37	-70.8	6.7	--	73	527	--	4,800	--	0.24 J	--	3,700	--	<2	0.92	2	2.9	0.0023	3.4 J	<5	--	<5	<5	<10	<7	<15	<5	<15	3.4
BP-6A	04/09/13	N	1.34	-74.5	6.91	0.42	7.6	488	>182.9	4,600	>10.4	<0.5	66	3,500	1.3	<2	0.53	0.75	1.3	0.0014	<7	<5	--	<10	<5	<10	<7	<15	<5	<15	ND
BP-6A	10/29/13	N	0.44	-105.3	6.79	--	18	487	--	4,200	--	<0.5	--	3,500	--	3.8	0.62	1.9	2.5	0.0019	<7	<5	--	<50	<10	4.1 J	<7	<15	2.8 J	28	35
BP-6A	10/29/13	FD	--	--	--	--	--	485	--	--	--	--	--	--	--	--	0.84	2.3	3.1	0.0031	2.3 J	<5	--	<50	<10	28	<7	<15	<5	30	60
BP-6A	04/16/14	N	3.89	-16.7	7.05	--	13	376	--	3,600	--	1.3	--	3,000	--	1.4 J	0.45	1.2	1.7	0.0021	<0.7	<0.5	--	<5	<1	1.1	<0.7	<1.5	<0.5	16	17
BP-6A	06/05/14	N	0.87	-71.4	6.8	--	10	374	--	--	--	0.88	--	2,800	--	<2	0.74	0.74	1.5	0.004	<7	<5	--	<50	<20	2.7 J	<7	<15	<5	<15	2.7
BP-6A	09/09/14	N	0.06	-51.2	6.44	--	8.1	461	--	4,200	--	<0.5	--	3,300	--	0.98 J	0.79	0.99	1.8	0.0028	4.2 J	<5	--	<50	<20	4.2 J	6 J	<15	2 J	28	44
BP-6A	11/18/14	N	0.56	-82.3	6.8	--	24	--	--	5,200	--	<0.5	--	3,400	--	2.4	0.63	3	3.6	0.0074	35	11	--	<50	<20	9.8 J	7.4	7.3 J	16	8.2 J	95
BP-6A	04/09/15	N	2.88	-23.8	6.82	--	15	539	--	6,600	--	<0.5	--	3,900	--	<20	0.46	1.9	2.4	0.0071	1.8 B	0.78	--	<5	<2	1.3	1.2	9.1 J	0.57	28	43
BP-6A	06/24/15	N	--	--	--	--	2.2	205	--	--	--	0.17 J	--	1,700	--	<1	0.44	9.5	9.9	0.077	0.3 JB	<0.5	--	<5	<2	<1	<0.7	<1.5	<0.5	<1.5	0.30
BP-6A	09/22/15	N	0.17	-111.3	6.68	--	10	358	--	--	--	<0.5	--	2,000	--	<20	0.58	3.5	4.1	0.036	1.7 J	<5	--	<50	<20	1.6 J	<7	<15	<5	<15	3.3
BP-6A	11/17/15	N	0.14	-115.2	6.6	--	8.8	432	--	--	--	<0.5	--	2,900	--	<20	0.69	8	8.7	0.023	2.6 J	0.64 J	--	<20	<20	1.9 J	<10	<10	0.2 J	29	34
BP-6A	04/13/16	N	6.77	173.2	7.08	--	7.4	474	--	--	--	<0.5	--	3,200	--	<2	0.81	46	47	0.024	0.62 J	<10	--	<20	<20	0.33 J	<10	<10	<10	36	37
BP-6A	06/22/16	N	0.41	16.7	6.8	--	0.82	252	--	--	--	<0.5	--	2,400	--	<10	0.47	2.2	2.7	0.0062	0.11 J	<1	--	<2	<2	0.078 J	<1	<1	<1	<1	0.19
BP-6A	09/21/16	N	0.63	-199.7	6.99	--	3.8	358	--	--	--	1	--	3,000	--	<2	0.47	10	10	0.0077	3.1 J	<10	--	<20	<20	1.2 J	3.4 J	<10	<10	18	26
BP-6A	04/26/17	N	0.31	-57.3	7.09	--	0.33 J	152	--	--	--	<0.5	--	1,700	--	<1	0.74	1.4	2.1	0.021	0.36 J	0.072 J	--	<2	<2	0.18 J	<1	<1	<1	<1	0.61
BP-6A	06/21/17	N	0.17	-66.7	6.89	--	4.9	226	--	--	--	<0.5	--	2,100	--	1	0.64	6.7	7.3	0.012	0.17 J	<1	--	<2	<2	<2	<1	<1	<1	<1	0.17
BP-6A	10/11/17	N	1.29	-90.1	6.74	--	10	397	--	--	--	<0.5	--	2,900	--	<1	0.66	83	84	0.0079	8.1 J	0.55 J	--	<20	<20	9.8 J	<10	<10	1.7 J	1.1 J	21
BP-6A	04/18/18	N	0.21	-20.5	7.49	--	0.68	166	--	--	--	<0.5	--	1,370	--	<0.3	1.2	120	120	0.12	0.45 J	<1	--	<2	<2	<2	<1	<1	<1	0.4 J	0.85
BP-6A	06/13/18	N	0.59	-76.6	6.92	--	3.2	157	--	--	--	<0.50	--	1,490	--	<0.30	0.83	25	26	0.055	0.28 J	<1	--	<2	<2	<2	0.7 J	0.14 J	<1	8.1	9.2
BP-6A	09/26/18	N	0.47	-123.8	6.81	--	8.41	247	--	--	--	0.42 J	--	295	--	0.32	0.73	170	170	0.031	0.38 J	<1	--	<2	<2	0.4 J	0.56 J	<1	<1	<1	1.3
BP-6A	03/27/19	N	0.12	-121.1	7.06	--	6.59	111	--	--	--	<0.5	--	1,260	--	<0.3	0.58	100	100	0.042	0.34 J	0.18 J	--	<2	<2	<2	0.25 J	0.23 J	0.12 J	4.4	5.5
BP-6A	06/12/19	N	0.3	-62.1	7.02	--	4.44	185	--	--	--	<0.5	--	2,020	--	<0.3	1.5	140	140	0.12	1.4	0.25 J	--	0.12 J	<2	<2	1.2	0.36 J	0.26 J	0.62 J	4.2
BP-6A	09/18/19	N	0.36	29.7	6.8	--	14.7	311	--	--	--	<0.5	--	2,980	--	0.14 J	1.2	360	360	0.1	0.053 J	<0.1	--	<0.2	<0.2	<0.2	0.26	<0.1	0.0048 J	0.077 J	0.39
BP-6A	10/08/19	N	0.26	40.9	6.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6A	04/15/20	N	0.06	-65.9	7.01	--	4.3	163	--	--	--	<0.5	--	1,240	--	<0.3	1.8	110	110	0.13	<1	<1	--	<2	<2	<2	0.94 J	0.07 J	0.018 J	<1	1.0

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-6A	09/10/20	N	6.8	-71.5	6.76	--	<0.050	78	--	--	--	<0.50	--	1,800	--	0.76 J	1.7	210	210	0.068	11	1.2 J	--	<10	<10	<10	1.2 J	<10	<10	8.4 J	22
BP-6A	11/11/20	N	0.87	81.3	6.71	--	11	280	--	--	--	<0.50	--	1,700	--	<2.0	1	1,400	1,400	0.04	15 J	<25	--	<25	<25	<25	<25	<25	<25	<25	15
BP-6A	04/14/21	N	0.41	-39.5	7.04	--	0.69	150	--	--	--	<0.5	--	1,300	--	<2	1.3	57	58	0.12	5	<5	--	<5	<5	<5	<5	<5	<5	<5	5.0
BP-6A	06/30/21	N	6.01	6.4	6.72	--	6.3 B	180	--	--	--	<0.5	--	1,200	--	<2	0.89 J	140	140	0.03	2.6 J	<5	--	<5	<5	<5	0.62 J	<5	<5	<5	3.2
BP-6A	10/13/21	N	0.2	-120.6	6.77	--	9.3	270	--	--	--	<0.50	--	2,200	--	<2.0	0.87 J	750	750	0.034	6.1 J	5.5 J	--	<10	<10	1.3 J	<10	<10	<10	<10	13
BP-6A	11/15/21	N	3.01	-64.5	6.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-6A	04/13/22	N	0	-89.6	6.95	--	1.2	170	--	--	--	<0.50	--	1,500	--	<2.0	1.6	100	100	0.14	12	<10	--	<10	<10	<10	1.3 J	<10	<10	<10	13
BP-6A	08/03/22	N	0.05	-86.6	6.86	--	8.3	250	--	--	--	3.8	--	1,800	--	<2.0	1	230	230	0.071	14 J	<25	--	<25	<25	8.9 J	<25	<25	<25	8.8 J	32
BP-6A	10/12/22	N	1.75	-40.7	6.87	--	9.1	320	--	--	--	<1.1	--	2,300	--	<2.0	0.75 J	580	580	0.038	9.5 J	<25	--	<25	<25	<25	<25	<25	<25	13 J	23
BP-6A	04/26/23	N	0.19	-99.5	6.97	--	1.6 HF	170	--	--	--	<0.55	--	960	--	<2.0	2.6	200	200	0.21	4.4 J	<10	--	<10	<10	<10	1.7 J	2.2 J	1.3 J	<10	9.6
BP-6A	08/09/23	N	1.94	-115.3	6.53	--	3.5 HF	--	--	--	--	<1.1 F1	--	1,200	--	<2.0	4.7 J	246	250	0.633	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	3.3 J	3.3
BP-6A	11/01/23	N	0.24	-124.9	6.78	--	16 HF	270	--	--	--	<1.1 F1	--	1,500	--	<2.0	2.4 J	849	850	0.282	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ND
BP-6A	04/10/24	N	0.4	-100.5	6.97	--	4.5 HF	180	--	--	--	<1.1 F1	--	850	--	<2.0	12.8	578	590	1.59	<25.0	<25.0	<25.0	<25.0	<25.0	10 J	<25.0	<25.0	<25.0	<25.0	10
BP-6A	08/14/24	N	2.44	-79.7	7.08	--	6 HF	250	--	--	--	0.82 J	--	1,200	--	<2.0	6.1	342	350	0.793	<10.0	<10.0	<10.0	<10.0	<10.0	3.4 J	<10.0	<10.0	<10.0	<10.0	3.4
BP-6A	11/13/24	N	0.64	-82.4	7.05	--	5.6 HF	170	--	--	--	1.1 F1	--	1,600	--	<2.0	<250 H	<250 H	ND	<0.5 H	2,900 H	<0.5 H	1.3 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	2,000 H	<0.5 H	<0.5 H	4,900
BP-6A	04/09/25	N	0.27	-103.5	6.95	--	3.9 HF	130	--	--	--	0.074 J	--	730	--	<2.0	3.53 J	170	170	0.341	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	33	<0.5	<0.5	4.8	38
BP-6A	08/06/25	N	2.58	-65.8	6.96	--	6.7 HF	180	--	--	--	<0.11 *+	--	1,000	--	<2.0	3.49 J	330	330	0.208	<25	1,400	<25	<25	<25	1,800	40	49	<25	<25	3,300
BP-7A	04/03/07	N	--	--	--	--	--	--	--	6.1	--	--	--	--	--	--	0.014 J	0.034	0.048	0.00051	--	--	--	--	--	--	--	--	--	--	--
BP-7A	05/17/10	N	9.43	115.8	6.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	09/22/10	N	6.99	74	7.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	01/12/11	N	10.08	237.2	6.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	05/17/11	N	9.34	19.4	6.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	05/19/11	N	10.6	-152.2	<15.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	10/10/11	N	5.9	202.3	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	12/08/11	N	5.25	170.9	6.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	03/19/12	N	8.18	228.7	5.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	09/10/12	N	7.08	30.5	6.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	04/08/13	N	7.37	217	6.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	10/29/13	N	5.6	107.8	7.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	04/17/14	N	6.72	239.5	5.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	09/09/14	N	6.93	105.4	6.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	04/07/15	N	9.65	167.9	6.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	06/21/17	N	6.06	41.7	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	06/11/18	N	9.17	156.2	6.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	06/11/19	N	6.7	188.7	6.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	10/08/19	N	4.78	174.7	5.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	09/08/20	N	7.13	207	6.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	06/28/21	N	7.78	248.5	6.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	08/01/22	N	6.36	136.2	6.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	08/09/23	N	8.83	31.8	6.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	08/14/24	N	8.77	172	6.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-7A	08/06/25	N	7.24	166.1	7.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	04/04/07	N	--	--	--	--	--	--	--	4.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	03/11/08	N	--	--	--	--	<1	--	--	4.2	--	1.3	--	11	--	--	0.027	0.016 J	0.043	0.00031	--	--	--	--	--	--	--	--	--	--	--
BP-8A	11/11/10	N	3.7	191.4	6.06	0.11	--	--	61	--	0.5	--	13	--	0.065	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	01/11/11	N	9.16	193.3	6.24	0.28	--	1.7	2.2	--	0.9	--	19	--	0.046	--	<0.025	0.013 J	0.013	0.000081 J	0.041 J	<0.05	--	<0.05	<0.05	0.2 B	<0.07	<0.15	0.093	<0.15	0.33
BP-8A	01/12/11	N	8.83	183.9	5.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	03/23/11	N	7.5	158.8	6.51	0.07	--	3.1	0.9	--	0.5	--	11	--	0.007	--	0.018 J	0.013 J	0.031	0.00017	0.035 J	<0.05	--	<0.05	<0.05	0.22	<0.07	<0.15	<0.05	<0.15	0.26
BP-8A	03/25/11	N	6.28	170.9	6.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	05/17/11	N	4.5	161.8	6.05	0.93	--	2.2	5.4	--	2.4	--	32	--	0.146	--	0.025 J	0.027	0.052	0.00021	0.07 J	<0.05	--	<0.05	<0.05	0.15	<0.07	<0.15	0.077	<0.15	0.30

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-8A	05/18/11	N	4.03	218.2	6.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	06/22/11	N	8.48 8.13	87.5 203.9	6.22 6.69	--	--	9.5	--	--	--	--	--	--	--	--	0.025 J	0.14	0.17	0.00083	0.07 J	<0.05	--	<0.05	<0.05	0.25	<0.07	<0.15	<0.05	<0.15	0.32
BP-8A	10/11/11	N	4.16	113.3	5.98	0.19	--	--	1.2	--	0.8	--	25	--	0.015	--	--	--	--	--	0.075	<0.05	--	<0.05	<0.05	0.23	<0.07	<0.15	0.066	<0.15	0.37
BP-8A	03/20/12	N	7.71	175.1	5.84	2.16	--	0.74 J	6.6	--	4.8	--	51	--	0.156	--	0.006 J	2.7	2.7	0.00082	0.013 J	<0.05	--	<0.05	<0.05	0.074 J	<0.07	<0.15	<0.05	<0.15	0.087
BP-8A	04/11/13	N	9.11	180.9	6.75	2.05	--	5.7	3.8	--	4.2	--	28	--	0.07	--	0.01 J	0.037	0.047	0.00037	<0.07	<0.05	--	<0.1	<0.05	0.068 J	<0.07	<0.15	<0.05	<0.15	0.068
BP-8A	06/05/14	N	8.72	18.1	6.4	--	--	3.3	--	--	--	--	--	--	--	--	--	--	--	--	0.037 J	<0.05	--	<0.5	<0.2	0.051 J	<0.07	<0.15	<0.05	<0.15	0.088
BP-8A	06/21/17	N	6.64	118.5	6.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	06/11/18	N	4.83	16.4	6.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	06/11/19	N	5.37	173.7	6.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	06/28/21	N	3.14	121.5	5.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	11/15/21	N	3.44	38.5	7.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	08/01/22	N	1.43	75.3	6.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	08/09/23	N	0.15	-57.2	6.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	08/14/24	N	1.62	95.7	6.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-8A	08/05/25	N	1.8	97.7	6.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-9A	01/10/07	N	--	--	--	--	--	--	--	7.9	--	--	--	--	--	--	0.58	27	28	0.04	--	--	--	--	--	--	--	--	--	--	--
BP-9A	04/03/07	N	--	--	--	--	2	1.6 J	--	7.2 M	--	1.2	--	43	--	1.5 J	0.65	15	16	0.035	--	--	--	--	--	--	--	--	--	--	--
BP-9A	03/11/08	N	--	--	--	--	<1	--	--	10	--	1	--	44	--	--	0.48	8.4	8.9	0.022	--	--	--	--	--	--	--	--	--	--	--
BP-9A	09/11/08	N	--	--	--	--	--	2	--	--	--	--	--	--	--	--	0.062	0.084	0.15	0.00043	--	--	--	--	--	--	--	--	--	--	--
BP-9A	05/18/10	N	3.49	-28.8	6.82	0.32	--	2.6	19.1	--	1	--	54	--	0.035	--	0.68	14	15	0.027	0.21	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.08	<0.15	0.29
BP-9A	06/30/10	N	3.34	224.2	7.05	0.05	--	2.2	23.3	--	2.1	--	38	--	0.122	--	0.39	7.2	7.6	0.012	--	--	--	--	--	--	--	--	--	--	--
BP-9A	06/30/10	FD	--	--	--	--	--	2.5	--	--	--	--	--	--	--	--	0.43	8.3	8.7	0.013	--	--	--	--	--	--	--	--	--	--	--
BP-9A	08/04/10	N	6.63	105.9	7.03	0.51	--	1.7	24.6	--	0.7	--	66	--	0.03	--	0.067	0.026	0.093	0.00023	0.044 J	<0.05	--	<0.05	<0.05	<0.1 M	<0.07	<0.15	<0.05	<0.15	0.044
BP-9A	09/22/10	N	5.78	177.4	7.23	0.46	--	1.6	8.9	--	1.8	--	60	--	0.029	--	0.058	0.046	0.10	0.00037	0.056 J	<0.05	--	<0.05	<0.05	0.22	<0.07	<0.15	0.04 J	<0.15	0.32
BP-9A	11/11/10	N	1.77	234.4	6.9	0.08	--	2.8	7.5	--	0.5	--	38	--	0.017	--	0.43	1.9	2.3	0.0022	0.23 BM	<0.05 M	--	<0.05	<0.05	0.29 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.52
BP-9A	01/11/11	N	2.02	104.1	7.18	0.16	--	1.7	5.3	--	0.7	--	42	--	0.02	--	0.83	6.8	7.6	0.014	0.059 J	<0.05	--	<0.05	<0.05	<0.1 B	<0.07	<0.15	<0.05	<0.15	0.059
BP-9A	01/12/11	N	5.75	154.3	7.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-9A	03/24/11	N	3.84	-152.5	7.18	0.06	--	2	4.4	--	0.3	--	41	--	0.013	--	0.29	1.5	1.8	0.006	0.019 J	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.019
BP-9A	03/25/11	N	1.68	-75	7.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-9A	05/17/11	N	1.07	98.6	7.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-9A	05/17/11	N	2.38	113.4	7.01	0.07	--	2.1	4.5	--	0.5	--	53	--	0.013	--	0.75	7.7	8.5	0.017	0.092	<0.05	--	<0.05	<0.05	0.3	<0.07	<0.15	0.065	<0.15	0.46
BP-9A	06/20/11	N	0.35	168	7.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-9A	06/21/11	N	3.09	331.8	7.07	0.1	--	2.8	6.2	--	0.5	--	43	--	0.01	--	0.21	0.34	0.55	0.0015	0.1	<0.05	--	<0.05	<0.05	0.56	<0.07	<0.15	0.06	<0.15	0.72
BP-9A	10/11/11	N	1.59	72.3	6.71	0.04	--	--	5.2	--	0.7	--	40	--	0.012	--	--	--	--	--	0.11	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.07	<0.15	0.18
BP-9A	03/21/12	N	2.7	35.8	7.07	0.1	--	1.3	5.5	--	0.8	--	43	--	0.005	--	0.45	4.7	5.2	0.016	0.023 J	<0.05	--	<0.05	<0.05	0.1	<0.07	<0.15	<0.05	<0.15	0.12
BP-9A	09/12/12	N	8.67	110.6	7.16	--	<0.5	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-9A	04/12/13	N	2.62	65	7.24	0.06	--	0.83 J	4	--	0.6	--	35	--	0.014	--	1.1	4.3	5.4	0.022	0.023 J	<0.05	--	<0.1	<0.05	0.084 J	<0.07	<0.15	<0.05	<0.15	0.11
BP-9A	10/30/13	N	2.48	46.1	7.26	0.06	--	2.5	--	--	0.3	--	44	--	0.007	--	0.51	6.9	7.4	0.014	0.023 J	<0.05	--	<0.5	<0.1	0.27	<0.07	<0.15	<0.05	<0.15	0.29
BP-9A	04/15/14	N	4.47	235.7	7.51	0.2	--	2.5	--	--	0.8	--	42	--	0.025	--	0.71	4.1	4.8	0.023	0.099	<0.05	--	<0.5	<0.1	<0.1	<0.07	<0.15	0.029 J	<0.15	0.13
BP-9A	06/03/14	N	4.79	130.2	7.41	0.41	--	1.7	--	--	0.4	--	50	--	0.02	--	0.18	1.4	1.6	0.0092	<0.07	<0.05	--	<0.5	<0.2	0.31	<0.07	<0.15	<0.05	<0.15	0.31
BP-9A	06/03/14	FD	--	--	--	--	--	1.8	--	--	--	--	--	--	--	--	0.23	1.3	1.5	0.0061	0.036 J	<0.05	--	<0.5	<0.2	0.11	<0.07	<0.15	<0.05	<0.15	0.15
BP-9A	09/10/14	N	3.5	171.2	7.14	0.02	--	2.1	--	--	0.7	--	48	--	0.027	--	0.24	1.5	1.7	0.0031	0.091	<0.05	--	<0.5	<0.2	0.19	<0.07	<0.15	<0.05	<0.15	0.28
BP-9A	11/19/14	N	3.35	52.7	7.14	--	<0.5	1.4	--	9.4	--	0.33 J	--	42	--	<2	0.26	0.96	1.2	0.0091	0.063 J	<0.05	--	<0.5	<0.2	0.12	<0.07	<0.15	<0.05	<0.15	0.18
BP-9A	04/08/15	N	4.32	97.3	7.43	0.04	--	1.3	--	--	0.08	--	30	--	0.009	--	1.2	15	16	0.053	0.13 B	0.073	--	<0.5	<0.2	0.08 J	<0.07	0.089 J	0.047 J	0.092 J	0.51
BP-9A	06/23/15	N	1.43	101.5	6.55	0.39	--	2	--	--	1.8	--	2.6	--	0.003 J	--	1.5	52	54	0.21	0.056 J	<0.05	--	<0.5	<0.2	<0.1	<0.07	<0.15	<0.05	<0.15	0.056
BP-9A	09/22/15	N	0.89	-146.3	8.08	0.21	--	3.8	--	--	0.6	--	12	--	0.027	--	1.2	40	41	0.094	1.8	0.023 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.016 J	0.026 J	1.9
BP-9A	11/17/15	N	2.68	101	7.71	0.07	--	2.1	--	--	0.6	--	13	--	0.018	--	0.67	87	88	0.26	0.13	0.01 J	--	<0.2	<0.2	0.049 J	<0.1	<0.1	0.0029 J	<0.1	0.19
BP-9A	04/12/16	N	3.21	130.7	7.9	0.02	--	1.8	--	--	0.4	--	20	--	0.307	--	1.4	120	120	3.4	0.11	0.017 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.13
BP-9A	06/21/16	N	0.56	98.5	7.51	0.09	--	1.5	--	--	1	--	20	--	0.019	--	0.99	52	53	1.7	0.023 J	0.013 J	--	<0.2	<0.2	0.015 J	<0.1	<0.1	<0.1	<0.1	0.051

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-9A	09/20/16	N	1.1	108.6	7.33	0.04	--	2.6	--	--	3.8	--	23	--	0.15	--	2	77	79	2	0.049 J	<0.1	--	<0.2	<0.2	0.052 J	0.023 J	<0.1	<0.1	<0.1	0.12
BP-9A	04/25/17	N	0.31	-79.7	7.55	0	--	2	--	--	0.2	--	3	--	0.06	--	32	410	440	12	0.35 J	<1	--	<2	<2	0.13 J	<1	<1	<1	<1	0.48
BP-9A	06/20/17	N	5.37	103.1	7.18	0.22	--	2.3	--	--	1.9	--	34	--	0.04	--	20	200	220	7.4	0.038 J	0.0065 J	--	<0.2	<0.2	0.016 J	<0.1	<0.1	<0.1	<0.1	0.061
BP-9A	10/10/17	N	2.41	45.4	7.36	0.05	--	2.1	--	--	1.1	--	10	--	0	--	8.3	120	130	8.7	0.024 J	<0.1	--	<0.2	<0.2	0.014 J	<0.1	<0.1	<0.1	<0.1	0.038
BP-9A	04/18/18	N	0.57	137.5	7.85	--	0.1	2.2	--	--	--	<0.5	--	25.1	--	<0.3	52	200	250	14	0.34	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.34
BP-9A	06/12/18	N	1.64	133.9	7.48	--	0.11	2	--	--	--	<0.50	--	23.1	--	<0.30	20	180	200	9.2	0.03 J	<0.1	--	<0.2	<0.2	<0.2	0.05 J	<0.1	<0.1	<0.1	0.080
BP-9A	09/25/18	N	0.74	12	7.41	--	0.0735 J	2.3	--	--	--	<0.5	--	19.9	--	<0.3	48	260	310	14	0.046 J	0.018 J	--	<0.2	<0.2	0.017 J	<0.1	<0.1	<0.1	<0.1	0.081
BP-9A	03/26/19	N	0.39	-28.4	7.57	--	0.0995 J	2.1	--	--	--	<0.5	--	20.3	--	<0.3	24	140	160	8.3	0.23	0.027 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.015 J	<0.1	0.27
BP-9A	06/11/19	N	3.81	-48.6	7.05	--	0.158	2.6	--	--	--	<0.5	--	24.3	--	<0.3	16	61	77	5.5	0.26	0.024 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.018 J	0.014 J	0.32
BP-9A	09/17/19	N	0.96	19	7.47	--	0.186	2.2	--	--	--	<0.5	--	24.9	--	<0.3	16	22	38	9.1	0.053 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.015 J	<0.1	0.068
BP-9A	10/08/19	N	0.29	44.4	6.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-9A	04/15/20	N	5.59	-117.4	7.62	--	0.079 J	1.8	--	--	--	<0.5	--	23.1	--	<0.3	25	39	64	7.7	0.051 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.002 J	<0.1	0.053
BP-9A	09/10/20	N	0.56	-6.1	9.39	--	<0.050	1.5	--	--	--	<0.50	--	23	--	<2.0	20	65	85	11	0.64	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.64
BP-9A	11/11/20	N	0.8	-112.2	7.4	--	<0.050	23	--	--	--	<0.50	--	2.3 J	--	<2.0	32	160	190	12	37	0.61	--	0.28 J	<0.5	<0.5	<0.5	0.078 J	2.1	<0.5	40
BP-9A	04/14/21	N	0.43	-99.3	7.51	--	0.4	26	--	--	--	<0.5	--	2.1 J	--	<2	78	480	560	21	<0.5	0.58	--	0.067 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.65
BP-9A	06/29/21	N	7.91	-7.9	6.83	--	0.2	4.7	--	--	--	<0.5	--	5.1	--	<2	27	150	180	7.3	4.2	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.2
BP-9A	10/13/21	N	1.49	-137.9	7.54	--	0.22	2.4	--	--	--	<0.50	--	8.8	--	<2.0	70	190	260	18	0.41 J	<0.5	--	0.085 J	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	1.7
BP-9A	11/15/21	N	1.41	150.6	7.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-9A	04/12/22	N	5.61	-20.5	5.9	--	0.61	440	--	--	--	<0.50	--	2.3 J	--	1.5 J	55	120	180	12	170	14	--	9.8	<5	<5	4.6 J	<5	76	1.9 J	280
BP-9A	08/02/22	N	3.34	-3	6.65	--	3.8	300	--	--	--	<0.55	--	<7.5	--	<2.0	3.9	4	7.9	0.59	130	21 J	--	<25	<25	<25	4.7 J	<25	40	<25	200
BP-9A	10/11/22	N	1.01	-31.8	6.46	--	1.1 HF	41 ^2	--	--	--	<0.55	--	<7.5	--	<2.0	26	15	41	18	29	<5	--	<5	<5	2.7 J	<5	<5	5.2	<5	37
BP-9A	04/25/23	N	0.45	-35.5	7.42	--	0.32 HF	4	--	--	--	<0.55	--	4.5 J	--	<2.0	24	21	45	3.5	3.2 J	<5	--	<5	<5	1.6 J	<5	<5	0.82 J	<5	5.6
BP-9A	08/08/23	N	0.68	121.4	5.55	--	14 HF	2,600 B	--	--	--	<0.55	--	<7.5	--	36 J	33.7 J	55.6 J	89	6.64	431	97.9 J	<100	<100	<100	<100	<100	<100	1,030	<100	1,600
BP-9A	10/31/23	N	0.39	-92.9	5.66	--	18 HF	290	--	--	--	<0.55	--	3.3 J	--	<4.0	39.4	18.3	58	7.96	1,140	228	12.5 J	<100	<100	11.8 J	20.9 J	<100	268	16.9 J	1,700
BP-9A	04/09/24	N	4.94	-99.5	6.79	--	4.7 HF	27	--	--	--	<0.55	--	<7.5	--	<2.0	<250	<250	ND	14.1	<5.0	<5.0	<5.0	<5.0	<5.0	2.2 J	<5.0	<5.0	<5.0	<5.0	2.2
BP-9A	08/13/24	N	2.51	-33.5	6.55	--	4.3 HF	16	--	--	--	<0.55 F1	--	<7.5 F1	--	<2.0	58.2	24.2	82	8.06	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	1.2
BP-9A	11/12/24	N	--	--	--	--	0.94 HF	12	--	--	--	<0.11	--	0.77 J	--	<2.0	<5 H	<5 H	ND	<0.0100 H	<0.5 H	<0.5 H	25 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	25
BP-9A	11/13/24	N	2.88	-36.5	6.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-9A	04/09/25	N	0.21	-68.9	6.82	--	1.1 HF	11	--	--	--	0.47	--	0.98 J	--	<2.0	90.7	12 J	100	13.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-9A	08/06/25	N	0.4	54	6.73	--	1.4 HF	19	--	--	--	<0.11 *+	--	1.2 J	--	<2.0	<13	<13	ND	0.98	<5	<5	<5	<5	<5	27	<5	<5	<5	<5	27
BP-10A	04/04/07	N	--	--	--	--	--	--	--	4.3	--	--	--	--	--	--	0.022 J	0.023 J	0.045	0.00035	--	--	--	--	--	--	--	--	--	--	--
BP-10A	03/11/08	N	--	--	--	--	<1	--	--	4.7	--	2.5	--	17	--	--	0.006 J	<0.025	0.0060	0.00022	--	--	--	--	--	--	--	--	--	--	--
BP-10A	05/20/10	N	7.2	134.7	6.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	09/22/10	N	5.7	445	5.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	01/13/11	N	3.85	250.1	6.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	05/17/11	N	4.18	48.3	6.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	05/19/11	N	5.87	256.9	5.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	10/12/11	N	1.75	198.2	5.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	03/19/12	N	3.7	142	5.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	09/10/12	N	5.72	210	5.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	04/08/13	N	7.89	114.3	6.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	10/30/13	N	3.16	121.2	5.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	04/17/14	N	9.18	197.7	4.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	09/10/14	N	2.97	181.6	6.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	04/07/15	N	9.81	95.7	5.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	09/23/15	N	2.89	162.5	6.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	06/23/16	N	6.85	67.6	6.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	06/21/17	N	5.49	252	6.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	06/11/18	N	2.17	90.4	6.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	06/11/19	N	1.98	62.2	6.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
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Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			**mg/L**	**mV**	**SU**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**ug/L**	**ug/L**	**µg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
Analysis Location (FI = Field; LB = Lab)			**FI**	**FI**	**FI**	**FI**	**LB**	**LB**	**FI**	**LB**	**FI**	**LB**	**FI**	**LB**	**FI**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**	**LB**
Degradation Criteria			**≤2**	**≤-100**	**6-8**	**≥1**	**≥1**	**≥20**	**--**	**--**	**≤1**	**≤1**	**≤20**	**≤20**	**≥0.05**	**≥0.05**	**--**	**--**	**≥50**	**≥0.5**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**≥1**
BP-10A	09/09/20	N	2.73	49.5	6.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	06/28/21	N	1.93	249.4	5.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	08/01/22	N	2.65	147.9	6.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	08/09/23	N	4.51	48.4	5.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	08/14/24	N	7.42	185.6	6.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-10A	08/06/25	N	1.27	140.3	6.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	04/03/07	N	--	--	--	--	--	--	--	3.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	03/11/08	FD	--	--	--	--	<1	--	--	3.5	--	1.1	--	9.3	--	--	0.014 J	0.009 J	0.023	0.00022	--	--	--	--	--	--	--	--	--	--	--
BP-11A	03/11/08	N	--	--	--	--	<1	--	--	3.8	--	1.1	--	9.7	--	--	0.004 J	0.007 J	0.011	0.00012	--	--	--	--	--	--	--	--	--	--	--
BP-11A	05/18/10	N	6.85	200.5	5.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	09/23/10	N	7.54	120.4	6.57	2.36	--	1.8	7.4	--	5.1	--	57	--	0.194	--	<0.025	0.018 J	0.018	0.00013	0.04 J	<0.05	--	<0.05	<0.05	0.16	<0.07	<0.15	0.039 J	<0.15	0.24
BP-11A	01/12/11	N	6.7	231.6	5.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	03/22/11	N	10.79	-40	5.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	05/17/11	N	5.05	169.2	5.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	05/19/11	N	4.7	248.5	5.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	10/12/11	N	5.36	243.2	5.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	03/19/12	N	5.6	124.8	4.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	09/10/12	N	7.1	175.6	5.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	04/08/13	N	7.31	253	5.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	10/30/13	N	4.4	152.8	4.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	04/17/14	N	9.03	164.5	5.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	09/09/14	N	4.87	151.4	5.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	04/07/15	N	10.43	95.7	5.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	09/23/15	N	1.01	120.7	6.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	06/23/16	N	8.54	209.1	5.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	06/21/17	N	4.02	193.1	5.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	06/11/18	N	2.84	208.2	5.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	06/11/19	N	4.04	19.3	5.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	09/08/20	N	2.94	67.7	7.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	06/28/21	N	3.92	236	5.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	08/01/22	N	2.64	74.9	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	08/09/23	N	4.48	60.4	5.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	08/14/24	N	1.17	142.8	5.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-11A	08/06/25	N	6.74	72.7	6.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	04/03/07	N	--	--	--	--	--	--	--	6	--	--	--	--	--	--	0.033	0.058	0.091	0.0018	--	--	--	--	--	--	--	--	--	--	--
BP-12A	05/17/10	N	8.46	222	6.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	11/10/10	N	3.54	156.4	6.67	0.01	--	5.2	6.4	--	0.8	--	61	--	0.003	--	0.007 J	0.03	0.037	0.00022	0.27 BM	<0.05 M	--	<0.05	<0.05	<0.1 M	<0.07 M	<0.15 M	0.38 M	<0.15 M	0.65
BP-12A	01/10/11	N	7.76 7	-56.7 257.4	6.66 6.88	0.1	--	5.1	6	--	0.6	--	58	--	0.003	--	0.012 J	0.024 J	0.036	0.00025	0.09	<0.05	--	<0.05	<0.05	0.48 B	<0.07	<0.15	<0.05	<0.15	0.57
BP-12A	03/22/11	N	1.86	251.9	6.63	0.04	--	3.8	3.3	--	0.5	--	63	--	0.004	--	0.053	0.028	0.081	0.002	0.066 J	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.093	<0.15	0.16
BP-12A	03/24/11	N	2.14	206.4	6.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	05/17/11	N	0.78	308.1	6.2	0.12	--	4.1	6	--	1.2	--	68	--	0.007	--	0.025 J	0.025 J	0.050	0.00019	0.12	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.12
BP-12A	05/18/11	N	2	-198.5	<15.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	06/20/11	N	2.01	218.6	6.69	0.09	--	4.4	0.7	--	0.9	--	>72	--	0.003	--	0.025 J	0.025 J	0.050	0.00011	0.074	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.058	<0.15	0.13
BP-12A	06/21/11	N	5.56	244.6	6.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	10/12/11	N	1.28	281.6	6.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	12/08/11	N	1.99	195.1	6.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	03/19/12	N	4.6	216.5	6.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	09/10/12	N	2.82	269.3	6.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	04/08/13	N	1.89	244.7	6.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-12A	10/29/13	N	4.29	104.7	6.38	0.03	--	3.4	--	--	0.6	--	61	--	0.005	--	0.009 J	0.029	0.038	0.0001	0.034 J	<0.05	--	<0.5	<0.1	0.24	<0.07	<0.15	0.015 J	<0.15	0.29
BP-12A	04/16/14	N	1.42	314.9	6.93	0.04	--	5.5	--	--	0.7	--	36	--	0.041	--	0.023 J	0.029	0.052	0.0014	0.12	0.035 J	--	<0.5	<0.1	<0.1	<0.07	<0.15	0.048 J	<0.15	0.20
BP-12A	06/03/14	N	5.85	254.6	6.37	0.01	--	4	--	--	0.7	--	43	--	0.007	--	0.003 J	0.0074 J	0.010	0.00022	0.042 J	<0.05	--	<0.5	<0.2	0.13	<0.07	<0.15	<0.05	<0.15	0.17
BP-12A	09/09/14	N	4.82	197.9	6.41	0.03	--	3.2	--	--	1.2	--	142	--	0.142	--	0.003 J	0.0081 J	0.011	0.0001	0.11	<0.05	--	<0.5	<0.2	0.19	0.069 J	<0.15	<0.05	<0.15	0.37
BP-12A	11/19/14	N	5.23	246.8	6.42	--	<0.5	4	--	11	--	4.2	--	38	--	<2	0.005 J	0.03	0.035	0.000076 J	0.071	<0.05	--	<0.5	<0.2	0.15	0.098	<0.15	0.053	0.056 J	0.43
BP-12A	04/08/15	N	1.28	226.1	6.66	0.04	--	2.7	--	--	1.1	--	44	--	0.007	--	0.025 J	0.025 J	0.050	0.00061	0.07 JB	0.074	--	<0.5	<0.2	0.07 J	<0.07	<0.15	0.046 J	<0.15	0.26
BP-12A	06/23/15	N	0.7	259.3	5.77	0.2	--	3.1	--	--	1.7	--	44	--	0.007	--	0.003 J	0.014 J	0.017	0.00018 J	0.018 J	0.0011 J	--	<0.5	<0.2	<0.1	<0.07	<0.15	0.0017 J	<0.15	0.021
BP-12A	09/23/15	N	1.98	168.1	6.77	--	--	2.6	--	--	--	--	--	--	--	--	0.1 J	0.1 J	0.20	0.0005 J	0.052 J	0.021 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.073
BP-12A	11/17/15	N	3.2	228.2	6.37	0.06	--	3.6	--	--	0.6	--	50	--	0.126	--	0.1 J	0.1 J	0.20	0.0005 J	0.08 J	0.014 J	--	<0.2	<0.2	0.022 J	<0.1	<0.1	0.035 J	<0.1	0.15
BP-12A	06/23/16	N	1.71	98.1	6.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	06/21/17	N	10.24	220.9	6.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	06/11/18	N	4.17	183.7	6.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	06/11/19	N	5.19	190.5	6.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	09/08/20	N	4.97	122.6	7.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	06/28/21	N	4.96	241.8	6.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	08/01/22	N	7.4	118	6.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	08/09/23	N	5.07	25.6	6.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	08/14/24	N	7.52	129.1	6.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12A	08/05/25	N	2.26	205.9	6.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	04/04/07	N	--	--	--	--	--	--	--	33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	05/21/10	N	6.5	192.8	7.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	05/19/11	N	1.53	-47.8	7.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	10/13/11	N	1.85	197	7.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	03/22/12	N	10.3	255.8	6.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	04/11/13	N	6.09	34.9	7.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	10/31/13	N	7.08	-40.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	04/17/14	N	--	114	7.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	09/10/14	N	6.19	118.1	7.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	04/09/15	N	4.17	121.7	7.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	09/24/15	N	0.53	-16.5	7.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	06/23/16	N	1.07	22.8	7.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	06/21/17	N	0.66	250	8.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	06/13/18	N	0.64	54.6	7.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	06/12/19	N	0.66	-30.3	7.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	09/11/20	N	6.85	170.1	6.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	07/01/21	N	1.06	40.5	6.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	08/04/22	N	11.88	44.5	7.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	08/10/23	N	4.73	15.3	7.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	08/15/24	N	2.28	-11.2	7.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 1	08/06/25	N	3.3	145.1	7.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 2	04/04/07	N	--	--	--	--	0.2 J	<5	--	50	--	1.1	--	34	--	0.6 J	0.089	0.045	0.13	0.0015	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 2	10/10/07	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.054	0.053	0.11	0.0012	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 3	04/04/07	N	--	--	--	--	--	--	--	55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 4	04/04/07	N	--	--	--	--	--	--	--	56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 5	04/04/07	N	--	--	--	--	--	--	--	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 5	09/11/12	N	0.09	-66.5	7.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 5	04/11/13	N	1.13	-51.9	7.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 6	04/04/07	N	--	--	--	--	<1	<5	--	330	--	1.4	--	19	--	0.9 J	0.088	0.044	0.13	0.002	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 6	10/10/07	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.056	0.028	0.084	0.0023	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 6	03/22/12	N	1.47	-76.3	6.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-12D Port 7	04/04/07	N	--	--	--	--	0.2 J	0.3 J	--	510	--	1.1	--	15	--	0.9 J	0.047	0.016 J	0.063	0.0015	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	10/10/07	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.054	0.064	0.12	0.0019	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	10/31/13	N	1.58	-38.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	04/17/14	N	--	20.8	7.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	09/10/14	N	5.51	216	7.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	04/09/15	N	5.38	84.1	7.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	09/24/15	N	0.63	-65.1	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	06/23/16	N	1.79	-84.3	7.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	06/21/17	N	0.86	173.4	7.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	06/13/18	N	1.05	-52.6	7.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	06/12/19	N	1.03	-53.7	7.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	09/11/20	N	0.97	91.4	7.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	07/01/21	N	0.9	30.6	6.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	08/04/22	N	0.39	-10.9	7.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	08/10/23	N	1.9	-41.3	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	08/15/24	N	2.11	-85	7.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-12D Port 7	08/06/25	N	0.8	-62.3	7.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13A	01/10/07	N	--	--	--	--	--	--	--	3.9	--	--	--	--	--	--	0.082	0.13	0.21	0.0026	--	--	--	--	--	--	--	--	--	--	--	--
BP-13A	04/04/07	N	--	--	--	--	--	--	--	4.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13A	03/11/08	N	--	--	--	--	<1	--	--	3.6	--	1.1	--	18	--	--	0.021 J	0.13	0.15	0.00046	--	--	--	--	--	--	--	--	--	--	--	--
BP-13A	01/12/11	N	12.56	244.1	5.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13A	03/23/11	N	5.79	216.9	6.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13A	05/19/11	N	4.1	268.6	5.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13A	10/29/13	N	7.24	55	6.41	0.02	--	1.6	--	--	0.3	--	19	--	0.003	--	0.012 J	0.018 J	0.030	0.0002	0.041 J	<0.05	--	<0.5	<0.1	0.17	<0.07	<0.15	0.017 J	<0.15	0.23
BP-13A	04/16/14	N	2.32	234.4	6.29	0.18	--	1.3	--	--	1.1	--	21	--	0.013	--	0.029	0.025	0.054	0.00068	0.072	<0.05	--	<0.5	<0.1	<0.1	<0.07	<0.15	0.042 J	<0.15	0.11
BP-13A	06/04/14	N	8.58	264.2	6.31	0.01	--	1.3	--	--	0.6	--	15	--	0.023	--	0.016 J	0.0099 J	0.026	0.00074	0.028 J	<0.05	--	<0.5	<0.2	0.073 J	<0.07	<0.15	<0.05	<0.15	0.10
BP-13A	11/20/14	N	9.49	39.8	6.49	0.07	--	0.81 J	--	--	1.4	--	18	--	0.002	--	0.004 J	0.034	0.038	0.00009 J	0.029 J	0.052	--	0.074 J	<0.2	0.1	<0.07	<0.15	0.029 J	0.074 J	0.36
BP-13A	04/08/15	N	1.04	170.5	6.52	0.23	--	<1	--	--	1.5	--	18	--	0.031	--	0.027	0.025 J	0.052	0.0025	0.081 B	0.072	--	0.09 J	<0.2	0.068 J	<0.07	<0.15	0.046 J	<0.15	0.36
BP-13A	06/24/15	N	4.5	212.4	5.56	0.03	--	1.6	--	--	1.2	--	18	--	0.002 J	--	0.007 J	0.014 J	0.021	0.00027 J	0.015 J	0.001 J	--	<0.5	<0.2	0.012 J	<0.07	<0.15	<0.05	<0.15	0.028
BP-13A	09/24/15	N	--	--	--	--	--	0.77 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13A	11/18/15	N	4.42	183.4	6.64	--	--	0.73 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13A	04/12/16	N	4.14	51.6	6.42	0.01	--	1.3	--	--	1.3	--	7	--	0.25	--	0.18	0.054 J	0.23	0.06	0.016 J	<0.1	--	<0.2	<0.2	0.048 J	<0.1	<0.1	<0.1	<0.1	0.064
BP-13A	06/21/16	N	6.76	151.9	6.59	0.02	--	<1	--	--	0.6	--	23	--	0.004	--	0.13	0.33	0.46	0.016	0.036 J	<0.1	--	<0.2	<0.2	0.008 J	0.03 J	<0.1	0.009 J	<0.1	0.083
BP-13A	09/21/16	N	--	--	--	--	--	<1	--	--	--	--	--	--	--	--	0.007 J	0.0026 J	0.0092	0.00046 J	--	--	--	--	--	--	--	--	--	--	--	--
BP-13A	04/25/17	N	3.96	158.3	5.94	0	--	1.5	--	--	0.4	--	11	--	0.03	--	0.009 J	0.035 J	0.044	0.0002 J	0.18 J	<1	--	<2	<2	0.24 J	<1	<1	<1	<1	0.42
BP-13A	06/20/17	N	4.88	295.6	5.96	0.21	--	1.1	--	--	0.5	--	5	--	0.15	--	0.26	0.081 J	0.34	0.028	0.04 J	0.0088 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.014 J	<0.1	0.063
BP-13A	10/11/17	N	--	--	--	--	--	1.2	--	--	--	--	--	--	--	--	0.014 J	0.0059 J	0.020	0.00014 J	0.024 J	0.0066 J	--	<0.2	<0.2	0.012 J	<0.1	<0.1	<0.1	<0.1	0.043
BP-13A	04/18/18	N	4.04	104.9	6.54	--	0.1	1.5	--	--	--	<0.5	--	11.6	--	<0.3	0.63	0.013 J	0.64	0.0068	0.04 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.040
BP-13A	06/13/18	N	0.6	160.7	5.93	--	0.024 J	1.1	--	--	--	<0.50	--	13	--	<0.30	0.06 J	0.07 J	0.13	0.004	0.03 J	<0.1	--	<0.2	<0.2	<0.2	0.04 J	<0.1	<0.1	<0.1	0.070
BP-13A	09/26/18	N	1.99	168.9	5.35	--	0.0805 J	3.5	--	--	--	<0.5	--	6.9	--	<0.3	0.018 J	0.038 J	0.056	0.00099	0.1	<0.1	--	<0.2	<0.2	0.03 J	<0.1	<0.1	0.0094 J	<0.1	0.14
BP-13A	03/27/19	N	2.9	141.6	6.11	--	<0.1	0.81 J	--	--	--	<0.5	--	11.6	--	<0.3	<0.1	<0.1	ND	0.0009	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	ND
BP-13A	06/12/19	N	1.34	200.6	5.76	--	0.0338 J	2.2	--	--	--	<0.5	--	9.4	--	<0.3	0.014 J	0.0096 J	0.024	0.00035 J	0.048 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0082 J	<0.1	0.056
BP-13A	09/18/19	N	7.76	84.6	6.22	--	<0.1	2.9	--	--	--	0.36 J	--	7.8	--	<0.3	<0.1	0.0085 J	0.0085	0.0001 J	0.031 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0075 J	<0.1	0.039
BP-13A	04/14/20	N	2.74	227.9	6.03	--	<0.1	1.5	--	--	--	<0.5	--	12.5	--	<0.3	<0.1	<0.1	ND	0.00062	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0091 J	<0.1	0.0091
BP-13A	09/09/20	N	4.42	105.5	6.83	--	--	1.8	--	--	--	--	--	--	--	--	<1	<1	ND	0.0028 J	2.9	<2.5	--	0.41 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.3
BP-13A	11/11/20	N	4.45	433	6.54	--	<0.050	1.8	--	--	--	<0.50	--	13	--	<2.0	<1	<1	ND	0.0041 J	0.39 J	<0.5	--	<0.5	<0.5	0.053 J	<0.5	<0.5	<0.5	<0.5	0.44
BP-13A	04/13/21	N	2.46	136.3	6.64	--	<0.1	1.4	--	--	--	<0.5	--	14	--	<2	<1	0.21 J	0.21	0.011	0.49 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.49
BP-13A	06/29/21	N	2.28	257.1	3.75	--	<0.1	1.4	--	--	--	0.47 J	--	13	--	<2	<1	0.32 J	0.32	0.0074	0.38 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.38
BP-13A	10/13/21	N	1.76	-27.2	5.6	--	<0.10	1.8	--	--	--	<0.50	--	8.1	--	<2.0	<1	0.26 J	0.26	0.014	0.3 J	<0.5	--	<0.5	0.081 J	0.38 J	<0.5	<0.5	0.065 J	0.18 J	1.0
BP-13A	11/15/21	N	4.12	146.5	6.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-13A	04/13/22	N	3.11	220.8	5.62	--	<0.10	4.9	--	--	--	<0.50	--	12	--	<2.0	<1	<1	ND	0.0072	0.75	<0.5	--	0.11 J	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	2.0
BP-13A	08/02/22	N	--	--	--	--	<0.10	--	--	--	--	<0.55	--	14	--	<2.0	0.25 J	0.56 J	0.81	0.0041 J	--	--	--	--	--	--	--	--	--	--	--
BP-13A	10/12/22	N	3.36	115.4	5.88	--	<0.10	1.8	--	--	--	<0.55	--	13	--	<2.0	0.58 J	0.85 J	1.4	0.15	2 J	<5	--	<5	<5	1.9 J	<5	<5	<5	<5	3.9
BP-13A	04/26/23	N	1.64	103.3	6.05	--	<0.10 HF	0.99 J	--	--	--	<0.55	--	17	--	<2.0	0.21 J	0.26 J	0.47	0.0057	0.47 J	<0.5	--	0.072 J	<0.5	0.6	<0.5	<0.5	0.058 J	<0.5	1.2
BP-13A	08/09/23	N	8.6	190	6.4	--	<0.10 HF	2.2	--	--	--	0.25 J	--	5.4 J	--	<2.0	<5	<5	ND	<0.0100	<2.5	<2.5	<2.5	<2.5	<2.5	1.2 J	<2.5	<2.5	<2.5	<2.5	1.2
BP-13A	10/31/23	N	1.39	103.1	5.53	--	0.067 J,HF	4.4	--	--	--	<0.55	--	4.9 J	--	0.71 J	<5	<5	ND	0.0087 J	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<0.50	<0.50	<0.50	<0.50	0.54
BP-13A	04/10/24	N	2.52	166.7	6.11	--	<0.10 HF	1.8	--	--	--	0.28 J	--	9	--	<2.0	<5	<5	ND	<0.0100	<2.5	<2.5	<2.5	<2.5	<2.5	1.4 J	<2.5	<2.5	<2.5	<2.5	1.4
BP-13A	08/14/24	N	3.13	125.2	5.75	--	0.074 J,HF	4.2	--	--	--	<0.55	--	5 J	--	<2.0	<5	<5	ND	0.0053 J	<0.50	<0.50	<0.50	<0.50	<0.50	0.98	<0.50	<0.50	<0.50	<0.50	0.98
BP-13A	11/12/24	N	--	--	--	--	--	2.4	--	--	--	0.36	--	11	--	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13A	08/06/25	N	--	--	--	--	<0.10 HF	1.3	--	--	--	<0.11	--	12	--	0.91 J	<13	<13	ND	<0.01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13D Port 1	04/03/07	N	--	--	--	--	--	--	--	5.8 M	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	10/31/13	N	7.94	-48.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	04/17/14	N	--	165.01	7.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	04/09/15	N	9.7	92.9	7.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	09/24/15	N	1.11	-39	7.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	06/23/16	N	11.8	158.8	7.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	06/21/17	N	8.37	205.3	8.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	06/13/18	N	14.76	146.8	7.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	06/12/19	N	2.91	3.8	7.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	07/01/21	N	6.8	141.2	6.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	08/04/22	N	2.49	96.8	7.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	08/10/23	N	7.59	97.4	7.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 1	08/15/24	N	7.23	142.7	7.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 2	04/03/07	N	--	--	--	--	<1	<5	--	13 M	--	4.3	--	27	--	1.8 J	0.15	1	1.2	0.041	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 2	04/03/07	FD	--	--	--	--	<1	0.8 J	--	13 M	--	1.2	--	27	--	1.5 J	0.16	1.1	1.3	0.05	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 2	10/10/07	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.17	1.3	1.5	0.088	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 3	04/03/07	N	--	--	--	--	--	--	--	91 M	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 3	05/19/10	N	10.39	-80.6	7.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 3	09/23/10	N	0.41	-146.1	6.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 3	05/19/11	N	1.75	-160.9	7.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 3	10/13/11	N	2	-134.6	7.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 3	03/22/12	N	1.73	-82	7.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 3	09/12/12	N	--	-74.6	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 3	04/11/13	N	2.44	-24.8	7.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 4	04/03/07	N	--	--	--	--	--	--	--	81 M	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	04/03/07	N	--	--	--	--	<1	1.3 J	--	77 M	--	1.3	--	18	--	1.5 J	0.17	0.18	0.35	0.01	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	10/10/07	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.19	0.18	0.37	0.015	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	10/31/13	N	2.18	-45.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	04/17/14	N	--	-173.9	8.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	09/10/14	N	3.51	42.8	7.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	04/09/15	N	4.9	95.7	7.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	09/24/15	N	0.6	-100.8	7.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	06/23/16	N	1.54	-143.8	7.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	06/21/17	N	1.1	51.3	8.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	06/13/18	N	1.22	-127.2	7.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	06/12/19	N	1.7	-63.2	7.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	09/11/20	N	1.89	-4.4	7.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	07/01/21	N	1.65	-45.9	6.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	08/04/22	N	0.24	-49.8	7.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	08/10/23	N	1.87	-133.6	7.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-13D Port 5	08/15/24	N	2.32	-141.1	7.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 5	08/06/25	N	1.71	43.5	7.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 6	04/03/07	N	--	--	--	--	--	--	--	71 M	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 6	03/22/12	N	1.2	-170.9	7.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 6	09/12/12	N	--	-135.9	7.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 6	04/11/13	N	2.09	-118.3	7.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 7	04/03/07	N	--	--	--	--	<1	<5	--	130 M	--	1.1	--	17	--	1.5 J	0.12	0.071	0.19	0.008	--	--	--	--	--	--	--	--	--	--	--
BP-13D Port 7	10/10/07	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.08	0.031	0.11	0.022	--	--	--	--	--	--	--	--	--	--	--
BP-14A	11/28/07	N	--	--	--	--	--	--	--	3.8	--	--	--	--	--	--	0.006 J	0.023 J	0.029	0.0022	--	--	--	--	--	--	--	--	--	--	--
BP-14A	05/19/10	N	10.45	114.6	7.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14A	05/19/11	N	8.38	102.8	7.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14A	09/11/12	N	16.69	2.4	7.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14A	04/10/13	N	8.33	30.7	7.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14A	04/15/14	N	--	--	7.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14A	04/08/15	N	8.11	95.4	6.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14A	06/21/17	N	7.68	228.3	6.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14A	06/11/18	N	6.82	186.6	6.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14A	06/11/19	N	6.99	178.6	6.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14A	06/28/21	N	6.45	258.2	6.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14A	08/09/23	N	7.86	31	6.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14A	08/14/24	N	8.35	202.1	6.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	08/08/07	N	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	10/09/07	N	--	--	--	--	--	--	--	--	--	--	--	38	--	<2	0.12	0.12	0.24	0.0024	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	05/19/10	N	11.38	92.3	7.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	09/23/10	N	14.95	174.2	6.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	05/19/11	N	3.69	86.2	7.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	10/13/11	N	4.17	8	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	03/22/12	N	4.54	113.8	7.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	09/12/12	N	--	19.1	7.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	04/11/13	N	4.02	-19.3	7.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	10/31/13	N	7.17	-22.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	04/17/14	N	--	101.3	7.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	09/10/14	N	10.86	213	7.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	04/09/15	N	9.99	83.3	7.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	09/24/15	N	1.63	216.3	7.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	06/23/16	N	8.56	82.5	7.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 1	06/21/17	N	0.79	153.2	8.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 2	08/07/07	N	--	--	--	--	--	--	--	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 2	08/07/07	FD	--	--	--	--	--	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 3	08/07/07	N	--	--	--	--	--	--	--	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 3	10/09/07	N	--	--	--	--	--	--	--	--	--	--	--	21	--	<2	0.74	0.3	1.0	0.0096	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 3	09/12/12	N	--	-193.1	7.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 3	04/11/13	N	1.5	-94.8	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 4	08/07/07	N	--	--	--	--	--	--	--	41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 5	08/07/07	N	--	--	--	--	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 5	10/31/13	N	2.53	-37.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 5	04/17/14	N	--	-216.3	7.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 5	09/10/14	N	4.84	70.7	7.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 5	04/09/15	N	8.03	85	7.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 5	09/24/15	N	0.55	-185.8	7.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-14D Port 5	06/23/16	N	1.07	-106.9	7.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 5	06/21/17	N	1.15	90.3	8.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 6	08/07/07	N	--	--	--	--	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 6	10/09/07	N	--	--	--	--	--	--	--	--	--	--	--	190	--	0.6 J	0.58	0.19	0.77	0.0063	--	--	--	--	--	--	--	--	--	--	--
BP-14D Port 6	03/22/12	N	1.12	-147.4	7.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15A	04/10/13	N	9.5	69.2	6.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15A	04/17/14	N	8.51	240.7	6.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15A	04/08/15	N	--	--	--	0.34	--	1.2	--	--	1.4	--	17	--	0.046	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15A	06/25/15	N	--	--	--	--	--	1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 1	05/20/10	N	10.02	122.6	7.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 1	09/23/10	N	2.27	7.12	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 1	05/19/11	N	4.38	68.9	7.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 1	04/11/13	N	5.76	65.3	7.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 1	04/17/14	N	--	115.2	7.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 2	07/10/07	N	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 2	10/09/07	N	--	--	--	--	--	--	--	--	--	--	--	28	--	0.6 J	0.11	0.09	0.20	0.0021	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 2	09/12/12	N	--	-61.6	7.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 3	07/10/07	N	--	--	--	--	--	--	--	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 4	07/10/07	N	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 4	10/09/07	N	--	--	--	--	--	--	--	--	--	--	--	24	--	<2	0.1	0.081	0.18	0.0018	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 4	10/09/07	FD	--	--	--	--	--	--	--	--	--	--	--	24	--	1 J	0.11	0.08	0.19	0.0022	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 4	09/12/12	N	--	-70.1	7.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 4	04/11/13	N	1.85	-50.6	7.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	07/10/07	N	--	--	--	--	--	--	--	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	10/31/13	N	2.63	6.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	04/17/14	N	--	27.7	7.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	09/10/14	N	3.92	150.7	7.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	04/09/15	N	4.87	87.7	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	09/24/15	N	0.62	-36.7	7.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	06/23/16	N	1	-85.7	7.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	06/21/17	N	1.09	103.3	8.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	06/13/18	N	0.8	-81.3	8.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	06/12/19	N	1.03	17.6	7.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	09/11/20	N	0.74	61.3	7.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	07/01/21	N	0.76	92.9	7.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	08/04/22	N	0.53	-20.4	7.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	08/10/23	N	1.48	-10.6	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	08/15/24	N	2.42	-34.2	8.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 5	08/06/25	N	0.69	158.5	7.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 6	07/10/07	N	--	--	--	--	--	--	--	340	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 6	03/22/12	N	2.95	-72.1	7.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 7	07/10/07	N	--	--	--	--	--	--	--	410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 7	07/10/07	FD	--	--	--	--	--	--	--	420	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-15D Port 7	10/09/07	N	--	--	--	--	--	--	--	--	--	--	--	8.4	--	1 J	0.2	0.094	0.29	0.017	--	--	--	--	--	--	--	--	--	--	--
BP-16A	11/28/07	N	--	--	--	--	--	--	--	3.7	--	--	--	--	--	--	0.023 J	0.022 J	0.045	0.00076	--	--	--	--	--	--	--	--	--	--	--
BP-16A	11/28/07	FD	--	--	--	--	--	--	--	4.1	--	--	--	--	--	--	0.017 J	0.02 J	0.037	0.00042	--	--	--	--	--	--	--	--	--	--	--
BP-16A	05/17/10	N	9.3	143.6	6.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	01/12/11	N	11.55	-55.8	5.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	05/17/11	N	8.93	136	6.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-16A	10/10/11	N	6.04	219	4.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	03/19/12	N	9.73	190.6	5.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	09/11/12	N	15.76	66.6	5.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	04/08/13	N	10.37	256.8	5.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	04/17/14	N	10.1	264.4	5.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	04/07/15	N	11.82	267.4	4.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	06/21/17	N	6.84	245.6	5.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	06/11/18	N	8.83	126.3	5.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	06/11/19	N	6.96	203.1	5.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	06/28/21	N	7.81	255.9	6.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	08/09/23	N	6.85	69.3	5.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-16A	08/14/24	N	8.4	207.3	5.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	07/09/07	N	--	--	--	--	--	--	--	5.4	--	--	--	--	--	--	0.048	0.16	0.21	0.0011	--	--	--	--	--	--	--	--	--	--	--
BP-17A	07/09/07	FD	--	--	--	--	--	--	--	5.4	--	--	--	--	--	--	0.044	0.16	0.20	0.0011	--	--	--	--	--	--	--	--	--	--	--
BP-17A	05/20/10	N	4.6	111.1	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	11/11/10	N	4.75	242.9	6.9	0.03	--	--	2.7	--	0.3	--	18	--	0.004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	01/13/11	N	6.93	-62.5	6.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	05/17/11	N	2.55	70.6	6.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	05/18/11	N	5.46	-158.2	<15.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	10/12/11	N	3.17	153	6.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	03/19/12	N	2.55	147.4	6.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	09/12/12	N	8.39	232	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	04/10/13	N	2.35	85.9	6.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	10/30/13	N	4.23	121.7	7.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	04/17/14	N	2.87	204.4	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	09/09/14	N	7.78	113.4	7.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	04/07/15	N	2.66	81.9	6.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	09/23/15	N	4.03	85.3	7.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	06/23/16	N	6.98	111.7	6.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	06/21/17	N	3.77	112.1	7.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	06/11/18	N	1.58	104	7.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	06/11/19	N	2.08	-2.9	7.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	09/08/20	N	7.01	79.1	7.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	06/28/21	N	2.89	74.2	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	08/01/22	N	3.68	259.5	7.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	08/09/23	N	7.68	18.1	7.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	08/14/24	N	7.77	220.3	6.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-17A	08/06/25	N	4.55	167.7	7.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	09/11/08	N	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	09/20/10	N	3.07	143.2	6.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	01/13/11	N	7.61	142	6.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	03/23/11	N	0.82	-56.3	6.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	05/17/11	N	8.92	178.7	6.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	05/18/11	N	5.16	217.2	6.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	10/12/11	N	6.94	128.9	6.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	03/20/12	N	9.41	282	6.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	09/11/12	N	8.67	109.3	6.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	04/10/13	N	9.68	114.3	6.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	10/30/13	N	10.38	191.1	7	0.1	--	1.6	--	--	0.5	--	15	--	0.012	--	0.004 J	0.0073 J	0.011	0.00021	0.027 J	<0.05	--	<0.5	<0.1	0.12	<0.07	<0.15	<0.05	<0.15	0.15
BP-18A	04/15/14	N	3.27	146.4	6.72	0.03	--	1.5	--	--	0.7	--	18	--	0.034	--	0.034	0.027	0.061	0.00054	0.078	<0.05	--	<0.5	<0.1	<0.1	<0.07	<0.15	0.039 J	<0.15	0.12

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-18A	06/03/14	N	7.88	237.3	6.34	0.14	--	1.6	--	--	1.6	--	58	--	0.47	--	0.004 J	0.0054 J	0.0096	0.0012	0.034 J	<0.05	--	<0.5	<0.2	0.05 J	<0.07	<0.15	<0.05	<0.15	0.084
BP-18A	09/10/14	N	8.72	235.7	6.6	0.02	--	1.2	--	--	0.8	--	18	--	0.001	--	0.004 J	0.0069 J	0.011	0.000091 J	0.062 J	<0.05	--	<0.5	<0.2	0.059 J	<0.07	<0.15	<0.05	<0.15	0.12
BP-18A	11/19/14	N	9.2	189.8	6.61	--	<0.5	<1	--	1.6	--	0.35 J	--	15	--	<2	0.005 J	0.034	0.039	0.00006 J	0.063 J	<0.05	--	<0.5	0.8	0.07 J	0.075	<0.15	0.051	<0.15	1.1
BP-18A	11/19/14	FD	--	--	--	--	--	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	04/08/15	N	2.01	88.1	6.69	0.01	--	<1	--	--	0.8	--	22	--	OR/NR	--	0.025 J	0.025 J	0.050	0.00015	0.07 JB	0.072	--	<0.5	<0.2	0.069 J	<0.07	<0.15	0.046 J	<0.15	0.26
BP-18A	06/23/15	N	3.19	208.1	5.92	0.6	--	<1	--	--	2.5	--	32	--	0.01	--	0.23	0.063 J	0.29	0.00019 J	0.016 J	<0.05	--	<0.5	<0.2	0.013 J	<0.07	<0.15	0.001 J	<0.15	0.030
BP-18A	09/22/15	N	5.92	195.1	6.61	0.12	--	<1	--	--	0.8	--	21	--	0.02	--	0.1 J	0.1 J	0.20	0.0005 J	0.035 J	<0.1	--	<0.2	<0.2	0.019 J	<0.1	<0.1	<0.1	<0.1	0.054
BP-18A	11/17/15	N	6.82	164.6	6.82	0.08	--	<1	--	--	1	--	34	--	0.033	--	0.1 J	0.1 J	0.20	0.0005 J	0.038 J	0.0081 J	--	<0.2	<0.2	0.019 J	<0.1	<0.1	0.043 J	<0.1	0.11
BP-18A	06/23/16	N	1.76	96.4	6.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	06/21/17	N	4.27	104.9	6.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	06/11/18	N	2.02	21.3	6.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	06/11/19	N	4.53	177.2	6.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	09/09/20	N	4.35	79.4	6.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	06/28/21	N	3.16	120.1	5.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	08/01/22	N	3.69	39.2	6.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	08/09/23	N	1.05	3.1	6.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	08/14/24	N	6.58	135.4	6.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-18A	08/05/25	N	8.29	219.8	6.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	09/12/08	N	--	--	--	--	--	<1	--	--	--	--	--	--	--	--	0.019 J	0.025 J	0.044	0.00042	--	--	--	--	--	--	--	--	--	--	--
BP-19A	05/19/10	N	10.87	192.6	6.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	05/19/10	N	10.87	192.6	6.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	09/24/10	N	6.6	219.1	6.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	05/18/11	N	10.12	187.1	5.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	10/11/11	N	8.57	184.7	5.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	03/22/12	N	10.53	156.4	5.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	09/13/12	N	8.53	56.8	6.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	04/10/13	N	10.52	130.1	5.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	10/28/13	N	1.67	80.3	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	04/14/14	N	10.33	338.7	6.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	09/08/14	N	--	35.8	6.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	04/06/15	N	11.05	239.1	5.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	09/21/15	N	6.24	145.5	5.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	06/22/16	N	9.6	75.1	6.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	06/21/17	N	9.5	224.7	6.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	06/11/18	N	9.11	194.8	6.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	06/12/19	N	9.13	112.3	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	09/08/20	N	6.87	95.7	6.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	06/28/21	N	7.17	232.9	5.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	08/01/22	N	7.17	204.8	6.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	08/09/23	N	7.93	41.3	5.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	08/14/24	N	10.29	208.3	6.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-19A	08/06/25	N	7.25	214.5	6.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	09/12/08	N	--	--	--	--	--	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	05/19/10	N	1.78	0	7.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	09/23/10	N	2.06	18.1	7.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	05/18/11	N	5.91	124.6	7.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	10/11/11	N	1.72	161.1	7.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	03/22/12	N	4.07	381	5.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	09/13/12	N	2.75	91.7	7.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	04/10/13	N	4.15	128.3	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-20	10/28/13	N	0.21	60.8	7.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	04/14/14	N	2.88	344.7	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	09/08/14	N	--	-64.9	7.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	04/07/15	N	3.52	259.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20	09/21/15	N	2.23	104.6	7.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	09/12/08	N	--	--	--	--	--	1.1	--	--	--	--	--	--	--	--	<0.025	<0.025	ND	0.000085 J	--	--	--	--	--	--	--	--	--	--	--
BP-20A	05/19/10	N	4.69	233.6	5.68	0.09	--	1.9	4.4	--	0.8	--	27	--	0.005	--	<0.025	0.014 J	0.014	0.000097 J	--	--	--	--	--	--	--	--	--	--	--
BP-20A	09/23/10	N	1.99	207.5	5.85	0.05	--	1.3	47	--	1.3	--	30	--	0.076	--	<0.025	0.012 J	0.012	0.000093 J	0.038 J	<0.05	--	<0.05	<0.05	0.16	<0.07	<0.15	0.039 J	<0.15	0.24
BP-20A	05/18/11	N	3.21	263.7	5.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	06/21/11	N	2.37	202.5	5.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	10/11/11	N	3	191.6	5.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	03/22/12	N	2.22	299	7.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	09/13/12	N	3.47	248.1	5.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	04/10/13	N	5.12	141.6	5.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	10/28/13	N	1.99	81.6	6.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	04/14/14	N	5.3	354.7	5.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	09/08/14	N	--	-27.8	6.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	04/07/15	N	6.15	51.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	09/21/15	N	1.46	85.5	5.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	06/22/16	N	2.17	80.5	6.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	06/21/17	N	0.65	189.7	5.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	06/11/18	N	1.8	195.8	5.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	06/12/19	N	0.49	137.2	5.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	09/08/20	N	3.06	88.6	6.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	06/28/21	N	1.45	205.8	5.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	08/01/22	N	2.9	240.1	5.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	08/09/23	N	1.97	-62	5.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	08/13/24	N	1.26	214.1	5.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-20A	08/06/25	N	4.06	251.2	6.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	09/12/08	N	--	--	--	--	--	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	05/19/10	N	1.26	153.5	7.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	09/22/10	N	2.19	159.6	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	05/18/11	N	1.1	293.6	7.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	10/11/11	N	0.94	140	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	03/22/12	N	2.38	134.9	7.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	09/13/12	N	0.37	202.6	7.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	04/10/13	N	4.86	137.6	7.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	10/28/13	N	0.25	27.5	7.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	04/14/14	N	1.65	339.8	7.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	09/08/14	N	--	-76.9	7.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	04/07/15	N	3.34	-78.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21	09/21/15	N	1.82	-10.3	7.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	09/12/08	N	--	--	--	--	--	1.3	--	--	--	--	--	--	--	--	0.051	0.41	0.46	0.00072	--	--	--	--	--	--	--	--	--	--	--
BP-21A	09/12/08	FD	--	--	--	--	--	1.2	--	--	--	--	--	--	--	--	0.051	0.44	0.49	0.00073	--	--	--	--	--	--	--	--	--	--	--
BP-21A	05/19/10	N	3.49	173.9	6.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	09/22/10	N	6.04	181.9	7.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	05/18/11	N	4.03	183.3	7.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	10/11/11	N	6.69	195.7	6.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	03/22/12	N	5.97	191.2	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	09/13/12	N	2.03	225.3	7.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-21A	04/10/13	N	5.99	106.9	7.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	10/28/13	N	0.58	54.3	7.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	04/14/14	N	0.32	346.3	7.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	09/08/14	N	--	-140.4	7.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	04/07/15	N	1.4	-290.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	09/21/15	N	0.74	18.9	7.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	06/22/16	N	0.6	74.2	7.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	06/21/17	N	1.14	209.2	7.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	06/11/18	N	0.98	140.8	7.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	06/12/19	N	0.72	120.4	7.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	10/08/19	N	6.72	103.2	6.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	09/08/20	N	0.74	73.3	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	06/28/21	N	1.07	-5.3	6.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	08/01/22	N	2.34	230.8	7.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	08/09/23	N	3.13	-28.3	7.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	08/13/24	N	2.32	166.9	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-21A	08/06/25	N	3.62	209.8	7.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	09/12/08	N	--	--	--	--	--	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	05/19/10	N	2.84	158.5	7.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	09/22/10	N	5.83	179.2	7.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	05/18/11	N	3.1	173.1	7.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	10/11/11	N	1.29	200.9	6.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	03/22/12	N	4.52	75.8	7.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	09/13/12	N	2.48	316.5	7.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	04/10/13	N	5.03	92.3	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	10/28/13	N	0.6	29	7.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	04/14/14	N	0.3	217.8	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	09/08/14	N	--	-115.9	7.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	04/07/15	N	5.95	-136.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	09/21/15	N	0.76	-41.7	7.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	06/22/16	N	0.73	79.2	7.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	06/21/17	N	0.28	194.1	7.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	06/11/18	N	0.22	126.6	7.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	06/12/19	N	0.4	122	7.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	09/08/20	N	1.75	50.9	7.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	06/28/21	N	1.18	231.8	6.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	08/01/22	N	1.74	231.1	7.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	08/09/23	N	0.33	38.2	7.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	08/13/24	N	1.38	157.9	7.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-22A	08/06/25	N	1.97	216.4	7.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	09/11/08	N	--	--	--	--	--	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	05/19/10	N	2.9	214.4	7.62	0.07	--	<1	2.2	--	0.6	--	39	--	0.007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	05/19/10	FD	--	--	--	--	--	0.71 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	09/23/10	N	3.77	245.2	7.41	0.07	--	<1	14.3	--	0.7	--	17.4	--	0.019	--	<0.025	0.019 J	0.019	0.00011	0.045 J	<0.05	--	<0.05	<0.05	0.2	<0.07	<0.15	0.037 J	<0.15	0.28
BP-23A	01/12/11	N	4.94	-34	7.83	0.08	--	<1	1.8	--	1	--	28	--	0.015	--	<0.025	0.012 J	0.012	0.00013	0.045 J	<0.05	--	<0.05	<0.05	<0.1 B	<0.07	<0.15	<0.05	<0.15	0.045
BP-23A	01/13/11	N	3.61	259.3	7.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	03/24/11	N	2.66	-139.1	7.54	0.18	--	0.55 J	2.6	--	1.6	--	30	--	0.012	--	<0.025	0.015 J	0.015	0.00022	0.061 J	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.072	<0.15	0.13
BP-23A	03/25/11	N	1.81	161.1	7.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	05/18/11	N	5.77	162.8	7.72	0.5	--	0.85 J	5.1	--	4.1	--	39	--	0.045	--	0.038	0.05	0.088	0.00013	0.1	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.063	<0.15	0.16
BP-23A	05/19/11	N	4	178.4	7.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-23A	06/21/11	N	1.4 1.76	84 238.3	7.56 7.61	0.33	--	1.2	2.8	--	0.6	--	28	--	0.005	--	<0.025	0.025 J	0.025	0.00021	0.07 J	<0.05	--	<0.05	<0.05	0.51	<0.07	<0.15	0.054	<0.15	0.63
BP-23A	10/11/11	N	3.74	194.7	7.19	0.03	--	--	1.8	--	0.4	--	26	--	0.001	--	--	--	--	--	0.097	<0.05	--	<0.05	<0.05	0.6	<0.07	<0.15	0.079	<0.15	0.78
BP-23A	12/06/11	N	3.52	83.3	7.34	0.04	--	--	1.9	--	0.3	--	28	--	0.008	--	<0.025	0.1	0.10	0.000099 J	<0.07	0.028 J	--	<0.05	<0.05	0.059 J	<0.07	<0.15	<0.05	<0.15	0.087
BP-23A	12/06/11	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.025	0.093	0.093	0.00017	<0.07	0.02 J	--	<0.05	<0.05	0.048 J	<0.07	<0.15	<0.05	<0.15	0.068
BP-23A	03/21/12	N	2.97	263.9	6.88	0.04	--	--	1.7	--	0.5	--	28	--	0.005	--	0.002 J	0.018 J	0.020	0.00016	0.017 J	<0.05	--	<0.05	<0.05	0.1	<0.07	<0.15	<0.05	<0.15	0.12
BP-23A	09/12/12	N	6.12	154	7.74	0	--	--	2.7	2.5	0.5	<0.5	18	26	0.002	--	0.091	0.084	0.18	0.00042	0.068 J	<0.05	--	0.13	<0.05	<0.1	<0.07	<0.15	0.064	<0.15	0.26
BP-23A	04/11/13	N	6.98	126.6	6.77	0.29	--	--	1.2	--	0.9	--	17	--	0.007	--	0.009 J	0.024 J	0.033	0.00014	<0.07	<0.05	--	<0.1	<0.05	0.043 J	<0.07	0.023 J	<0.05	0.071 J	0.14
BP-23A	10/28/13	N	0.23	78	6.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	04/14/14	N	6.99	296.3	6.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	09/08/14	N	--	47.8	6.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	04/06/15	N	7.95	224.1	6.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	09/22/15	N	0.44	75.4	6.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	06/20/16	N	0.27	251.3	3.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	06/21/17	N	1.04	126.4	6.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	06/11/18	N	0.89	98.9	7.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	06/12/19	N	0.51	144.9	7.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	09/08/20	N	0.88	79.1	7.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	06/28/21	N	2.11	249.7	6.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	08/01/22	N	1.05	257.6	7.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	08/09/23	N	2.04	7.1	7.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	08/14/24	N	1.85	207	7.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-23A	08/06/25	N	6.2	258.8	7.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	09/11/08	N	--	--	--	--	--	0.61 J	--	--	--	--	--	--	--	--	0.028	0.025 J	0.053	0.00066	--	--	--	--	--	--	--	--	--	--	--
BP-24A	05/19/10	N	3.43	231.6	6.22	0.19	--	1.1	9.1	--	1.2	--	42	--	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	09/23/10	N	8.11	271.5	6.44	0.04	--	0.65 J	3	--	0.8	--	25	--	0.068	--	<0.025	0.015 J	0.015	0.00024	0.046 J	<0.05	--	<0.05	<0.05	0.12	<0.07	<0.15	0.045 J	<0.15	0.21
BP-24A	01/12/11	N	2.17	157	6.72	0.21	--	0.67 J	9.5	--	0.9	--	27	--	0.031	--	<0.025	0.01 J	0.010	0.0002	0.038 J	<0.05	--	<0.05	<0.05	<0.1 B	<0.07	<0.15	<0.05	<0.15	0.038
BP-24A	01/13/11	N	6.62	267.3	6.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	03/24/11	N	3.16 3.41	110.4 41	6.75 6.52	0.04	--	1	5.5	--	0.4	--	24	--	0.006	--	0.006 J	0.014 J	0.020	0.00028	0.38	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.07	<0.15	0.45
BP-24A	03/24/11	FD	--	--	--	--	--	0.96 J	--	--	--	--	--	--	--	--	<0.025	0.097	0.097	0.00038	0.073	<0.05	--	<0.05	<0.05	0.47	<0.07	<0.15	<0.05	<0.15	0.54
BP-24A	05/18/11	N	1.73	174.1	6.72	0.14	--	1.1	5.9	--	1.41	--	25	--	0.021	--	0.025 J	0.025 J	0.050	0.00023	0.11	<0.05	--	<0.05	<0.05	0.24	<0.07	<0.15	0.061	<0.15	0.41
BP-24A	05/19/11	N	4.76	-174.8	<15.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	06/21/11	N	4.83 2.71	138.4 99.2	6.52 6.28	0.22	--	1.4	3	--	1	--	26	--	0.014	--	<0.025	0.028	0.028	0.00017	0.07 J	<0.05	--	<0.05	<0.05	0.28	<0.07	<0.15	0.055	<0.15	0.41
BP-24A	10/11/11	N	1.55	89.1	6.55	0.03	--	--	8.4	--	0.6	--	21	--	0.012	--	--	--	--	--	0.12	<0.05	--	<0.05	<0.05	0.31	0.062 J	<0.15	0.086	<0.15	0.58
BP-24A	03/21/12	N	2.33	156.1	6.48	0.08	--	--	8.3	--	1	--	26	--	0.003	--	0.003 J	0.013 J	0.016	0.0001	0.015 J	<0.05	--	<0.05	<0.05	0.076 J	<0.07	<0.15	<0.05	<0.15	0.091
BP-24A	09/12/12	N	3.02	172.7	6.31	0.82	<0.5	--	11.5	19	0.5	0.66	18	25	0.001	<2	0.01 J	0.062	0.072	0.00021	--	--	--	--	--	--	--	--	--	--	--
BP-24A	04/11/13	N	3.83	256.4	6.56	0.18	--	--	4	--	0.9	--	20	--	0.001	--	0.02 J	0.054	0.074	0.00022	<0.07	<0.05	--	<0.1	<0.05	0.058 J	<0.07	<0.15	<0.05	<0.15	0.058
BP-24A	10/28/13	N	1.53	105.4	6.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	04/14/14	N	3.26	233.4	6.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	09/08/14	N	--	39.4	6.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	04/06/15	N	3.8	204.4	6.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	09/22/15	N	2.15	80.4	6.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	06/22/16	N	3.23	90.7	6.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	06/22/16	FD	3.23	90.7	6.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	06/21/17	N	1.49	89.2	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	06/11/18	N	1.11	146.7	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	06/12/19	N	1.97	158.2	6.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-24A	09/08/20	N	4.04	78.6	6.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	06/28/21	N	2.76	236	5.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	08/01/22	N	2.9	268.3	6.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	08/09/23	N	2.42	9.2	6.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	08/14/24	N	0.55	235.7	6.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-24A	08/06/25	N	1.54	248.1	6.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	09/11/08	N	--	--	--	--	--	1	--	--	--	--	--	--	--	--	0.005 J	0.11	0.12	0.00022	--	--	--	--	--	--	--	--	--	--	--
BP-25A	05/19/10	N	3.52	134.4	6.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	09/21/10	N	11.16	69.3	7.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	05/18/11	N	2.22	180.4	6.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	10/11/11	N	1	145.1	6.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	03/21/12	N	8.6	178.4	5.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	09/13/12	N	7.02	231	5.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	04/10/13	N	7.38	226.2	5.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	10/28/13	N	0.85	52.6	6.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	04/14/14	N	2.55	307.6	6.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	09/08/14	N	--	18.1	6.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	04/07/15	N	5.01	-138.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	09/21/15	N	0.37	16.2	7.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	06/22/16	N	1.32	72.8	7.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	06/21/17	N	0.97	143.2	6.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	06/11/18	N	0.79	196	6.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	06/12/19	N	0.5	129.3	7.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	09/08/20	N	3.56	47.7	7.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	06/28/21	N	1.86	226.6	5.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	08/01/22	N	0.7	243.4	6.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	08/09/23	N	1.09	20.2	6.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	08/13/24	N	1.58	224	6.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-25A	08/06/25	N	2.13	206.6	6.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	09/11/08	N	--	--	--	--	--	0.89 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	05/20/10	N	4.95	156.2	6.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	09/23/10	N	9.43	230.3	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	05/18/11	N	5.03	74.4	5.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	10/12/11	N	6.16	72.6	5.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	03/21/12	N	7.31	184	5.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	09/12/12	N	8.81	225.6	6.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	04/11/13	N	7.06	275.5	6.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	10/30/13	N	6.52	165.4	6.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	04/14/14	N	6.04	307.8	4.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	09/10/14	N	7.96	202.3	6.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	04/07/15	N	--	-217.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	09/23/15	N	--	185.2	7.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	06/22/16	N	8.9	172.5	5.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	06/21/17	N	4.32	87	6.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	06/11/18	N	7.28	176.4	6.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	06/12/19	N	5.49	159.5	6.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	09/08/20	N	7.76	95.4	6.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	06/28/21	N	7.66	257.1	5.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	08/01/22	N	9.61	259.9	6.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	08/09/23	N	7.31	30.4	6.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-26A	08/14/24	N	6.59	235.1	6.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-26A	08/06/25	N	7.24	245.4	6.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	09/11/08	N	--	--	--	--	--	2.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	09/11/08	FD	--	--	--	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	05/19/10	N	3.81	253.8	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	09/21/10	N	1.95	53.1	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	05/18/11	N	4.74	88.4	7.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	10/12/11	N	0.9	-27.9	7.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	03/21/12	N	4.65	304	7.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	09/13/12	N	0.99	72	7.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	04/10/13	N	3.53	-29.9	7.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	10/28/13	N	0.44	48.4	7.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	04/14/14	N	0.6	99.8	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	04/07/15	N	13.95	-186.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27	09/22/15	N	1.43	69.8	7.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	09/11/08	N	--	--	--	--	--	2.3	--	--	--	--	--	--	--	--	0.007 J	0.051	0.058	0.00016	--	--	--	--	--	--	--	--	--	--	--
BP-27A	05/19/10	N	3.81	246.6	5.78	0.03	--	2.2	49	--	0.5	--	3.5	--	0.005	--	0.007 J	0.015 J	0.022	0.000091 J	--	--	--	--	--	--	--	--	--	--	--
BP-27A	09/23/10	N	1.61	162	5.83	0.24	--	1.9	108	--	2	--	32	--	0.054	--	0.01 J	0.025 J	0.035	0.0002	0.033 J	<0.05	--	<0.05	<0.05	0.15	<0.07	<0.15	0.039 J	<0.15	0.22
BP-27A	09/23/10	N	--	--	--	--	--	2	--	--	--	--	--	--	--	--	0.01 J	0.025 J	0.035	0.00031	0.04 J	<0.05	--	<0.05	<0.05	0.13	<0.07	<0.15	0.044 J	<0.15	0.21
BP-27A	05/18/11	N	3.8	202	6.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	06/21/11	N	1.98	136.7	6.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	10/12/11	N	0.64	82.6	6.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	03/21/12	N	3.85	417	5.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	09/13/12	N	0.83	194.9	6.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	04/10/13	N	5.19	-6.6	6.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	10/28/13	N	0.42	109.4	6.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	04/14/14	N	5.32	262.2	6.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	09/08/14	N	--	39.8	6.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	04/07/15	N	18.08	-186.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	09/22/15	N	0.94	90.8	6.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	06/22/16	N	1.3	104.2	6.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	06/21/17	N	1.18	63.3	6.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	06/11/18	N	1.19	231.4	6.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	06/12/19	N	1	150	6.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	10/08/19	N	0.65	157	5.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	09/09/20	N	3.06	156.6	6.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	06/28/21	N	1.25	198.7	5.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	08/01/22	N	0.86	280.1	5.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	08/09/23	N	1.28	-31.3	6.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	08/13/24	N	1.26	216.3	6.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-27A	08/06/25	N	3.78	229.4	6.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	09/11/08	N	--	--	--	--	--	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	05/20/10	N	1.38	123.5	7.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	09/21/10	N	0.72	-3.4	7.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	05/18/11	N	1.21	70.9	7.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	10/12/11	N	0.71	29.2	7.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	03/21/12	N	1.42	86	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	09/13/12	N	0.68	130.9	7.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	04/10/13	N	1.81	-42.7	7.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	10/28/13	N	0.74	44	7.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			**≤2**	**≤-100**	**6-8**	**≥1**	**≥1**	**≥20**	**--**	**--**	**≤1**	**≤1**	**≤20**	**≤20**	**≥0.05**	**≥0.05**	**--**	**--**	**≥50**	**≥0.5**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**≥1**
BP-28A	04/14/14	N	0.92	248.4	7.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	09/08/14	N	--	-37.5	7.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	04/07/15	N	8.03	-184.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-28A	09/22/15	N	1.02	58.2	7.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	09/11/08	N	--	--	--	--	--	0.96 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	05/20/10	N	1.19	180.2	7.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	09/21/10	N	0.72	10	7.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	05/18/11	N	1.31	89.3	7.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	10/12/11	N	1.29	115.8	7.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	03/21/12	N	1.15	296.4	7.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	09/13/12	N	4.15	114.9	6.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	04/10/13	N	5.82	-22.7	6.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	10/28/13	N	0.56	-12	6.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	04/14/14	N	1.7	66.8	6.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	09/08/14	N	--	-88.6	6.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	04/07/15	N	6.6	-171.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-29	09/22/15	N	2.05	55	6.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	09/11/08	N	--	--	--	--	--	1 J	--	--	--	--	--	--	--	--	0.019 J	0.014 J	0.033	0.00064	--	--	--	--	--	--	--	--	--	--	--
BP-30A	05/19/10	N	7.21	219.9	5.81	0.4	--	2.6	1.5	--	0.8	--	33	--	0.005	--	0.007 J	0.015 J	0.022	0.00014	--	--	--	--	--	--	--	--	--	--	--
BP-30A	09/23/10	N	7.67	198.1	6.04	0.12	--	1.5	11	--	0.4	--	24	--	0.039	--	<0.025	0.017 J	0.017	0.00012	0.045 J	<0.05	--	<0.05	<0.05	0.13	<0.07	<0.15	0.046 J	<0.15	0.22
BP-30A	01/12/11	N	7.5	175.1	6.25	0.01	--	2.1	1.3	--	0.4	--	13	--	0.03	--	0.007 J	0.012 J	0.019	0.000086 J	0.033 J	<0.05	--	<0.05	<0.05	<0.1 B	<0.07	<0.15	<0.05	<0.15	0.033
BP-30A	01/13/11	N	1.8	-66.8	6.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	03/24/11	N	9.5 0.1	38.6 44.9	5.5 6.24	0.11	--	2.6	1.2	--	0.5	--	22	--	0.007	--	0.006 J	0.034	0.040	0.000069 J	0.22	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.22
BP-30A	05/18/11	N	4.72	40.2	6.41	0.05	--	2.9	1.2	--	0.5	--	14	--	0.101	--	0.11	0.12	0.23	0.00028	0.07 J	<0.05	--	<0.05	<0.05	0.12	<0.07	<0.15	0.07	<0.15	0.26
BP-30A	05/18/11	FD	--	--	--	--	--	2.9	--	--	--	--	--	--	--	--	0.052	0.035	0.087	0.0011	0.07 J	<0.05	--	<0.05	<0.05	0.15	<0.07	<0.15	0.072	<0.15	0.29
BP-30A	05/19/11	N	2.86	143.4	6.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	06/21/11	N	0.13 5.46	29.4 161.6	6.01 5.8	0.13	--	2.8	1.3	--	0.7	--	19	--	0.011	--	<0.025	0.025 J	0.025	0.00015	0.07 J	<0.05	--	<0.05	<0.05	0.15	<0.07	<0.15	0.051	<0.15	0.27
BP-30A	06/21/11	FD	--	--	--	--	--	2.6	--	--	--	--	--	--	--	--	<0.025	0.19	0.19	0.00087	0.074	<0.05	--	<0.05	<0.05	0.12	<0.07	<0.15	0.059	<0.15	0.25
BP-30A	10/11/11	N	4.37	167.8	5.82	0.03	--	--	1.2	--	0.4	--	15	--	0.004	--	--	--	--	--	0.085	<0.05	--	<0.05	<0.05	0.21	<0.07	<0.15	0.072	<0.15	0.37
BP-30A	12/06/11	N	5.73	204.7	5.82	0.05	--	--	1.2	--	0.4	--	15	--	0.007	--	<0.025	<0.025	ND	0.00022	<0.07	0.02 J	--	<0.05	<0.05	0.052 J	<0.07	<0.15	<0.05	<0.15	0.072
BP-30A	03/21/12	N	7.34	237.7	5.19	0.03	--	--	0.8	--	0.4	--	15	--	0.014	--	0.006 J	0.02 J	0.026	0.00087	0.0081 J	<0.05	--	<0.05	<0.05	0.08 J	<0.07	<0.15	<0.05	<0.15	0.088
BP-30A	09/12/12	N	7.81	174.9	5.92	0.03	--	--	1	1.4	0.5	1.9	13	14	0.011	--	0.012 J	0.052	0.064	0.00014	0.017 J	<0.05	--	0.18	<0.05	0.012 J	<0.07	<0.15	<0.05	<0.15	0.21
BP-30A	04/11/13	N	9.82	134	5.95	0.26	--	--	1.2	--	1.1	--	16	--	0.003	--	0.036	0.056	0.092	0.001	<0.07	<0.05	--	0.11	<0.05	0.044 J	<0.07	<0.15	<0.05	<0.15	0.15
BP-30A	04/11/13	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.025	0.031	0.031	0.00014	0.03 J	<0.05	--	<0.1	<0.05	0.25	<0.07	<0.15	<0.05	<0.15	0.28
BP-30A	10/28/13	N	5.35	108.1	6.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	04/14/14	N	8.16	321.6	5.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	09/08/14	N	--	40.7	6.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	04/06/15	N	10.75	231.1	5.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	09/22/15	N	3.18	70	6.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	06/20/16	N	6.57	99	2.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	06/21/17	N	0.59	118.6	6.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	06/11/18	N	0.08	102.5	6.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	06/12/19	N	0.86	157.8	6.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	10/08/19	N	6.87	141.1	5.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	04/15/20	N	5.26	170.1	6.2	--	<0.1	1.9	--	--	--	<0.5	--	10	--	<0.3	0.012 J	0.038 J	0.050	0.00012 J	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0016 J	<0.1	0.0016
BP-30A	09/08/20	N	5.21	88.6	6.63	--	--	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	09/10/20	N	4.81	57.7	7.14	--	13	--	--	--	--	0.43 J	--	15	--	<2.0	0.36 J	<1	0.36	0.015	0.3 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.30
BP-30A	11/10/20	N	5.53	218.3	5.93	--	0.015 J	2	--	--	--	0.54	--	9.2	--	<2.0	<1	<1	ND	0.0041 J	0.4 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.40

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-30A	04/14/21	N	6.83	123.7	6.85	--	<0.1	3	--	--	--	<0.5	--	6.9	--	<2	<1	<1	ND	<0.005	0.4 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.40
BP-30A	06/28/21	N	1.53	91.5	6.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	08/01/22	N	5.35	267.9	6.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	08/09/23	N	2.34	-79.2	6.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	08/14/24	N	7.56	237.1	5.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-30A	08/06/25	N	1.97	251.8	6.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-31A	09/11/08	N	--	--	--	--	--	0.85 J	--	--	--	--	--	--	--	--	0.033	0.038	0.071	0.00077	--	--	--	--	--	--	--	--	--	--	--	--
BP-31A	05/18/10	N	10.26	133.2	7.22	0.91	--	1.6	9.4	--	2.4	--	45	--	0.128	--	0.006 J	0.016 J	0.022	0.00016	--	--	--	--	--	--	--	--	--	--	--	--
BP-31A	09/22/10	N	3.93	212.3	7.43	0.07	--	0.68 J	4.5	--	1.4	--	29	--	0.041	--	<0.025	0.016 J	0.016	0.00023	0.059 J	<0.05	--	<0.05	<0.05	0.17	<0.07	<0.15	0.045 J	<0.15	0.27
BP-31A	11/11/10	N	6.4	160	6.55	0.13	--	1.8	3.8	--	0.6	--	24	--	0.017	--	0.006 J	0.018 J	0.024	0.00014	0.16 BM	<0.05 M	--	<0.05	<0.05	<0.1 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.16
BP-31A	11/11/10	FD	--	--	--	--	--	1.8	--	--	--	--	--	--	--	--	0.008 J	0.033	0.041	0.00026	0.24 BM	<0.05 M	--	<0.05	<0.05	0.27 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.51
BP-31A	01/11/11	N	8.27	160.3	7.21	0.59	--	0.9 J	5.2	--	1.8	--	37	--	0.087	--	<0.025	0.012 J	0.012	0.00017	0.039 J	<0.05	--	<0.05	<0.05	<0.1 B	<0.07	<0.15	<0.05	<0.15	0.039
BP-31A	01/12/11	N	8.55	-58.8	6.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-31A	03/24/11	N	4.12	117.4	6.41	0.1	--	1.1	1.4	--	0.5	--	29	--	0.013	--	0.014 J	0.027	0.041	0.0001	0.069 J	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.069
BP-31A	03/25/11	N	2.4	3.2	6.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-31A	05/17/11	N	6.41	-166.1	<16.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-31A	05/17/11	N	9.11	110.8	6.99	0.28	--	1.5	2.4	--	0.9	--	27	--	0.04	--	0.025 J	0.025 J	0.050	0.00012	0.07 J	<0.05	--	<0.05	<0.05	0.3	<0.07	<0.15	0.067	<0.15	0.44
BP-31A	06/20/11	N	1.12	161.1	7.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-31A	06/21/11	N	8.94	533.7	6.45	0.25	--	1.6	2.4	--	0.9	--	35	--	0.047	--	0.025 J	0.025 J	0.050	0.00022	0.07 J	<0.05	--	<0.05	<0.05	0.39	<0.07	<0.15	<0.05	<0.15	0.46
BP-31A	10/11/11	N	8.1	159.8	6.57	0.14	--	--	2.1	--	0.6	--	26	--	0.024	--	--	--	--	--	0.12	<0.05	--	<0.05	<0.05	0.29	<0.07	<0.15	0.078	<0.15	0.49
BP-31A	03/21/12	N	7.49	206.5	6.26	0.14	--	--	2	--	0.4	--	28	--	0.011	--	0.007 J	0.02 J	0.027	0.00015	0.014 J	<0.05	--	<0.05	<0.05	0.098 J	<0.07	<0.15	<0.05	<0.15	0.11
BP-31A	09/12/12	N	6.61	140.2	7.55	0.06	--	--	2.6	2.6	0.3	<0.5	22	30	0.009	--	0.008 J	0.03	0.038	0.00088	<0.07	<0.05	--	0.15	<0.05	0.019 J	<0.07	<0.15	<0.05	<0.15	0.17
BP-31A	04/11/13	N	3.11	248.6	6.71	0.36	--	--	1.7	--	1.5	--	23	--	0.012	--	0.044	0.02 J	0.064	0.00025	<0.07	<0.05	--	0.042 J	<0.05	0.078 J	<0.07	<0.15	<0.05	<0.15	0.12
BP-31A	10/30/13	N	5.4	117.2	7.69	0.06	--	1.3	--	--	0.4	--	32	--	0.003	--	0.01 J	0.014 J	0.024	0.00026	0.048 J	<0.05	--	<0.5	<0.1	0.24	<0.07	<0.15	<0.05	<0.15	0.29
BP-31A	04/15/14	N	5.83	227.7	6.41	0.32	--	1.6	--	--	1.6	--	24	--	0.058	--	0.07	0.018 J	0.088	0.0015	0.086	0.036 J	--	<0.5	<0.1	<0.1	<0.07	<0.15	0.045 J	<0.15	0.17
BP-31A	06/03/14	N	8.3	218.3	7.6	0.46	--	1.1	--	--	1.4	--	25	--	0.013	--	0.005 J	0.0065 J	0.012	0.00074	0.051 J	<0.05	--	<0.5	<0.2	0.07 J	<0.07	<0.15	<0.05	<0.15	0.12
BP-31A	09/10/14	N	6.4	144.8	7.83	0.02	--	0.81 J	--	--	0.8	--	31	--	0.007	--	0.004 J	0.005 J	0.0089	0.00022	0.059 J	<0.05	--	<0.5	<0.2	0.16	<0.07	<0.15	<0.05	<0.15	0.22
BP-31A	11/19/14	N	6.46	103.4	7.93	--	<0.5	<1	--	3.3	--	0.13 J	--	31	--	0.7 J	0.004 J	0.043	0.047	0.00023	0.062 J	<0.05	--	<0.5	<0.2	0.2	<0.07	<0.15	<0.05	<0.15	0.26
BP-31A	04/08/15	N	9.37	185.9	6.77	0.04	--	0.72 J	--	--	0.8	--	19	--	0.005	--	0.025 J	0.025 J	0.050	0.00017	0.07 JB	0.072	--	<0.5	<0.2	0.068 J	<0.07	<0.15	0.046 J	<0.15	0.26
BP-31A	04/08/15	FD	--	--	--	--	--	0.94 J	--	--	--	--	--	--	--	--	0.025 J	0.025 J	0.050	0.00011	0.097 B	0.072	--	<0.5	<0.2	0.072 J	<0.07	<0.15	0.045 J	<0.15	0.29
BP-31A	06/23/15	N	8.69	144.5	6.24	0.72	--	<1	--	--	2.4	--	30	--	0.008	--	0.004 J	0.0085 J	0.012	0.00022 J	0.016 J	<0.05	--	<0.5	<0.2	<0.1	<0.07	<0.15	<0.05	<0.15	0.016
BP-31A	06/23/15	FD	--	--	--	--	--	<1	--	--	--	--	--	--	--	--	0.004 J	0.012 J	0.016	0.00027 J	0.019 J	0.0011 J	--	<0.5	<0.2	0.019 J	<0.07	<0.15	0.0011 J	<0.15	0.040
BP-31A	09/22/15	N	7.19	210.7	7.32	0.05	--	<1	--	--	0.6	--	30	--	0.017	--	0.1 J	0.1 J	0.20	0.00078	0.05 J	0.018 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.068
BP-31A	09/22/15	FD	--	--	--	--	--	<1	--	--	--	--	--	--	--	--	0.1 J	0.1 J	0.20	0.0005 J	0.05 J	0.017 J	--	<0.2	<0.2	0.035 J	<0.1	<0.1	<0.1	<0.1	0.10
BP-31A	11/17/15	N	5.77	135.5	7.64	0.11	--	<1	--	--	0.6	--	18	--	0.088	--	0.1 J	0.1 J	0.20	0.0005 J	0.03 J	0.0087 J	--	<0.2	<0.2	0.018 J	<0.1	<0.1	0.0031 J	<0.1	0.060
BP-31A	11/17/15	FD	--	--	--	--	--	<1	--	--	--	--	--	--	--	--	0.1 J	0.1 J	0.20	0.0005 J	0.047 J	0.011 J	--	<0.2	<0.2	0.045 J	<0.1	<0.1	0.017 J	<0.1	0.12
BP-31A	04/12/16	N	5.32	157.8	6.81	0	--	0.92 J	--	--	0.4	--	14	--	0.007	--	0.007 J	0.62	0.63	0.00019 J	0.015 J	<0.1	--	<0.2	<0.2	0.029 J	<0.1	<0.1	<0.1	<0.1	0.044
BP-31A	04/12/16	FD	--	--	--	--	--	0.88 J	--	--	--	--	--	--	--	--	0.014 J	0.57	0.58	0.00035 J	0.0092 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.0092
BP-31A	06/21/16	N	1.78	56.6	7.56	0.12	--	<1	--	--	0.9	--	28	--	0.01	--	0.007 J	0.045 J	0.052	0.00016 J	0.015 J	<0.1	--	<0.2	<0.2	0.0063 J	<0.1	<0.1	<0.1	<0.1	0.021
BP-31A	06/21/16	FD	--	--	--	--	--	<1	--	--	--	--	--	--	--	--	0.01 J	0.0053 J	0.015	0.00031 J	0.022 J	<0.1	--	<0.2	<0.2	0.013 J	<0.1	<0.1	<0.1	<0.1	0.035
BP-31A	09/20/16	N	3.19	119.3	7.66	0	--	<1	--	--	0.2	--	27	--	0.008	--	0.004 J	0.014 J	0.018	0.00048 J	0.03 J	0.011 J	--	<0.2	<0.2	0.036 J	<0.1	<0.1	0.0047 J	<0.1	0.082
BP-31A	04/25/17	N	2.51	196.1	6.36	0.01	--	1.3	--	--	0.3	--	5	--	0.02	--	0.005 J	0.0076 J	0.013	0.00013 J	0.24 J	<1	--	<2	<2	0.2 J	<1	<1	<1	<1	0.44
BP-31A	04/25/17	FD	2.51	196.1	6.36	0.01	--	1.3	--	--	0.3	--	5	--	0.02	--	0.008 J	0.0081 J	0.016	0.00013 J	0.32 J	<1	--	<2	<2	0.28 J	<1	<1	<1	<1	0.60
BP-31A	06/20/17	N	8.52	71	7.5	0.38	--	1	--	--	1.8	--	23	--	0.04	--	0.008 J	0.018 J	0.026	0.00026 J	0.032 J	0.0074 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.039
BP-31A	06/20/17	FD	--	--	--	--	--	0.8 J	--	--	--	--	--	--	--	--	0.012 J	0.018 J	0.030	0.00039 J	0.043 J	0.0076 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.051
BP-31A	10/10/17	N	6.87	80.3	7.37	0	--	0.58 J	--	--	1.1	--	13	--	0.03	--	0.018 J	0.0088 J	0.027	0.0002 J	0.023 J	0.0055 J	--	<0.2	<0.2	0.015 J	<0.1	<0.1	<0.1	<0.1	0.044
BP-31A	04/17/18	N	6.75	241.6	6.25	--	0.02 J	1.1	--	--	--	<0.5	--	18.8	--	<0.3	0.025 J	0.011 J	0.036	0.00049 J	0.033 J	<0.1	--	<0.2	<0.2	0.022 J	<0.1	<0.1	<0.1	<0.1	0.055
BP-31A	04/17/18	FD	--	--	--	--	--	1.1	--	--	--	--	--	--	--	--	0.059 J	0.0092 J	0.068	0.00052	0.048 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.048
BP-31A	06/12/18	N	7.11	141.5	7.71	--	0.051	0.64 J	--	--	--	<0.50	--	31.9	--	<0.30	<0.1	0.01 J	0.010	0.001	0.02 J	<0.1	--	<0.2	<0.2	<0.2	0.05 J	<0.1	<0.1	<0.1	0.070
BP-31A	06/12/18	FD	--	--	--	--	--	0.6 J	--	--	--	--	--	--	--	--	<0.1	<0.1	ND	0.00078	<0.1	<0.1	--	<0.2	<0.2	<0.2	0.05 J	<0.1	<0.1	<0.1	0.050

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-31A	09/25/18	N	4.26	126.8	6.59	--	<0.1	1.5	--	--	--	<0.5	--	16.1	--	<0.3	<0.1	0.0056 J	0.0056	0.00016 J	0.046 J	<0.1	--	<0.2	<0.2	0.029 J	<0.1	<0.1	<0.1	<0.1	0.075
BP-31A	03/26/19	N	3.12	41.6	6.88	--	<0.1	0.78 J	--	--	--	<0.5	--	16.9	--	<0.3	<0.1	<0.1	ND	<0.0005	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	ND
BP-31A	03/26/19	FD	--	--	--	--	--	0.65 J	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	ND	<0.0005	0.029 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.029
BP-31A	06/11/19	N	7.29	133.5	7.12	--	<0.1	1	--	--	--	<0.5	--	27.3	--	<0.3	<0.1	<0.1	ND	0.0001 J	0.038 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0088 J	<0.1	0.047
BP-31A	06/11/19	FD	--	--	--	--	--	1	--	--	--	--	--	--	--	--	<0.1	<0.1	ND	0.0001 J	0.037 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0045 J	<0.1	0.042
BP-31A	09/17/19	N	6.16	135.1	7.53	--	<0.1	0.95 J	--	--	--	<0.5	--	27.2	--	<0.3	0.015 J	0.011 J	0.026	0.0002 J	0.05 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.015 J	<0.1	0.065
BP-31A	04/14/20	N	5.21	190.2	7.21	--	<0.1	0.77 J	--	--	--	<0.5	--	24.3	--	<0.3	<0.1	0.012 J	0.012	0.00015 J	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0017 J	<0.1	0.0017
BP-31A	09/09/20	N	5.25	127.4	7.52	--	<0.050	<1.0	--	--	--	<0.50 H	--	25	--	<2.0	<1	<1	ND	0.0028 J	0.6	<0.5	--	0.075 J	<0.5	0.053 J	<0.5	<0.5	<0.5	<0.5	0.73
BP-31A	09/09/20	FD	--	--	--	--	--	<1.0	--	--	--	--	--	--	--	<1	<1	<1	ND	0.0025 J	0.56	<0.5	--	0.078 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.64
BP-31A	11/10/20	N	5.35	93.5	7.7	--	<0.050	0.8 J	--	--	--	0.32 J	--	27	--	<2.0	<1	<1	ND	0.0039 J	0.31 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.31
BP-31A	04/13/21	N	5.3	146.8	7.05	--	<0.1	1.1	--	--	--	<0.5	--	23	--	<2	<1	<1	ND	<0.005	0.4 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.40
BP-31A	06/29/21	N	6.27	124.3	7.26	--	<0.1	0.57 J	--	--	--	<0.5	--	27	--	<2	<1	<1	ND	0.0028 J	0.36 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.36
BP-31A	06/29/21	FD	--	--	--	--	--	0.6 J	--	--	--	--	--	--	--	--	<1	<1	ND	0.0021 J	0.33 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.33
BP-31A	10/13/21	N	5.51	116	7.64	--	<0.10	0.51 J	--	--	--	<0.50	--	29	--	<2.0	0.18 J	<1	0.18	0.0034 J	0.29 J	<0.5	--	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	1.1
BP-31A	04/12/22	N	3.52	173.4	6.71	--	<0.10	1.8	--	--	--	<0.50	--	19	--	<2.0	<1	<1	ND	<0.005	1.2	<0.5	--	0.14 J	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	2.8
BP-31A	08/02/22	N	3.3	168.1	7.28	--	<0.10	0.7 J	--	--	--	<0.55	--	25	--	<2.0	<1	0.28 J	0.28	0.0036 J	4.4 J	<5	--	<5	<5	2.1 J	<5	<5	<5	<5	6.5
BP-31A	08/02/22	FD	--	--	--	--	--	0.55 J	--	--	--	--	--	--	--	--	0.33 J	0.34 J	0.67	0.0036 J	4.4 J	<5	--	<5	<5	1.9 J	<5	<5	<5	<5	6.3
BP-31A	10/11/22	N	5.17	128.8	7.55	--	<0.10 HF	0.68 J	--	--	--	<0.55	--	30	--	<2.0	<1	<1	ND	0.0028 J	2.1 J	<5	--	<5	<5	2.4 J	<5	<5	<5	<5	4.5
BP-31A	10/11/22	FD	--	--	--	--	--	0.84 J	--	--	--	--	--	--	--	--	<1	<1	ND	<0.005	2 J	<5	--	<5	<5	2 J	<5	<5	<5	<5	4.0
BP-31A	04/25/23	N	4.52	128.6	7.59	--	<0.10 HF	0.92 J	--	--	--	<0.55	--	27	--	<2.0	0.23 J	<1	0.23	0.038	0.57	<0.5	--	0.069 J	<0.5	1	<0.5	<0.5	<0.5	<0.5	1.6
BP-31A	04/25/23	FD	--	--	--	--	--	0.76 J	--	--	--	--	--	--	--	--	<1	<1	ND	0.045	0.57	<0.5	--	<0.5	<0.5	0.96	<0.5	<0.5	0.063 J	<0.5	1.6
BP-31A	08/08/23	N	5.92	135.5	7.66	--	<0.10 HF	<1.0	--	--	--	<0.55	--	22	--	<2.0	<5	<5	ND	0.0142	<5.0	<5.0	<5.0	<5.0	<5.0	2.3 J	<5.0	<5.0	<5.0	<5.0	2.3
BP-31A	08/08/23	FD	--	--	--	--	--	<1.0	--	--	--	--	--	--	--	--	<5	<5	ND	0.0155	0.26 J	<0.50	0.072 J	<0.50	<0.50	1.3	<0.50	<0.50	<0.50	<0.50	1.6
BP-31A	10/31/23	N	9.2	94.4	7.48	--	<0.10 HF	0.68 J	--	--	--	<0.55	--	24	--	<2.0	<5	<5	ND	<0.0100	<0.50	<0.50	<0.50	<0.50	<0.50	1	<0.50	<0.50	<0.50	<0.50	1.0
BP-31A	10/31/23	FD	--	--	--	--	--	0.68 J	--	--	--	--	--	--	--	--	<5	<5	ND	<0.0100	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<0.50	<0.50	<0.50	<0.50	0.99
BP-31A	04/11/24	N	3.11	191.4	6.86	--	<0.10 HF	1	--	--	--	<0.55	--	17	--	<2.0	<5	<5	ND	0.261	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	<0.50	<0.50	1.2
BP-31A	04/11/24	FD	--	--	--	--	--	0.87 J	--	--	--	--	--	--	--	--	<5	<5	ND	0.331	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<0.50	<0.50	<0.50	1.3
BP-31A	08/13/24	N	6.56	51.8	7.76	--	<0.10 HF	0.55 J	--	--	--	<0.55	--	21	--	<2.0	<5	<5	ND	0.15	<5.0	<5.0	<5.0	<5.0	<5.0	2.4 J	<5.0	<5.0	<5.0	<5.0	2.4
BP-31A	08/13/24	FD	--	--	--	--	--	0.52 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-31A	11/12/24	N	4.81	25.5	7.28	--	<0.10 HF	0.62 J	--	--	--	<0.11	--	20	--	<2.0	<5 H	<5 H	ND	<0.0100 H	7.2 H	<0.5 H	2.4 H	2.9 H	<0.5 H	<0.5 H	<0.5 H	1.4 H	7.2 H	1.9 H	23
BP-31A	11/12/24	FD	--	--	--	--	--	0.59 J	--	--	--	--	--	--	--	--	<5 H	<5 H	ND	<0.0100 H	800 H	<0.5 H	1.8 H	<0.5 H	15 H	<0.5 H	1.9 H	7 H	7.6 H	1.9 H	840
BP-31A	04/08/25	N	1.79	69	7.08	--	<0.10 HF	1.2	--	--	--	<0.11	--	16	--	<2.0	<13	<13	ND	<0.01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	04/08/25	FD	--	--	--	--	--	1.2	--	--	--	--	--	--	--	--	<13	<13	ND	<0.01	<0.5	<0.5	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	1.4
BP-31A	08/05/25	N	3.13	79.8	7.54	--	<0.10 HF	0.51 J	--	--	--	<0.11 *+	--	19	--	<2.0	<13	<13	ND	<0.01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	08/05/25	FD	--	--	--	--	--	0.6 J	--	--	--	--	--	--	--	--	<13	<13	ND	<0.01	<0.5	<0.5	<0.5	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	1.0
BP-32A	10/30/13	N	10.67	71.2	6.63	0.22	--	1.9	--	--	0.7	--	38	--	0.054	--	0.003 J	0.0088 J	0.012	0.00017	0.033 J	<0.05	--	<0.5	<0.1	0.13	<0.07	<0.15	<0.05	<0.15	0.16
BP-32A	04/16/14	N	6.27	223.9	6.23	0.1	--	2.6	--	--	0.9	--	14	--	0.025	--	0.04	0.035	0.075	0.0012	0.063 J	<0.05	--	<0.5	<0.1	0.036 J	<0.07	<0.15	0.028 J	<0.15	0.13
BP-32A	06/03/14	N	6.5	249	5.95	0.29	--	1.5	--	--	0.9	--	16	--	0.063	--	0.004 J	0.0058 J	0.0093	0.00053	0.018 J	<0.05	--	<0.5	<0.2	0.043 J	<0.07	<0.15	<0.05	<0.15	0.061
BP-32A	11/19/14	N	6.19	196.4	6.09	--	<0.5	0.53 J	--	1.5	--	0.58	--	14	--	<2	0.003 J	0.023 J	0.026	<0.0001	0.047 J	<0.05	--	<0.5	0.5	0.022 J	<0.07	<0.15	<0.05	<0.15	0.57
BP-32A	04/08/15	N	7.86	91.4	6.46	0.04	--	1.8	--	--	0.8	--	8	--	0.011	--	0.025 J	0.025 J	0.050	0.00011	0.07 JB	0.072	--	<0.5	<0.2	0.066 J	<0.07	<0.15	0.046 J	<0.15	0.25
BP-32A	06/23/15	N	3.28	211.4	5.16	0.27	--	0.92 J	--	--	1.6	--	20	--	0.101	--	0.003 J	0.01 J	0.013	0.00022 J	0.02 J	0.0014 J	--	<0.5	<0.2	0.0089 J	<0.07	<0.15	0.0014 J	<0.15	0.032
BP-32A	11/17/15	N	6.5	185	6.14	0.03	--	0.68 J	--	--	1	--	7	--	0.008	--	0.1 J	0.1 J	0.20	0.0005 J	0.031 J	0.0068 J	--	<0.2	<0.2	0.014 J	<0.1	<0.1	0.0025 J	<0.1	0.054
BP-32A	06/21/17	N	3.4	248.7	5.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-32A	06/11/18	N	5.12	164.9	6.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-32A	06/11/19	N	2.73	182.5	6.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-32A	06/28/21	N	7.54	276.3	5.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-32A	08/09/23	N	3.73	35.4	5.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-32A	08/14/24	N	4.04	205.5	5.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-32A	08/05/25	N	8.12	193.4	6.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-34A	05/20/10	N	3.52	-73.6	7.63	0.54	--	21.5	97	--	1.9	--	>125	--	0.087	--	2.9	15	18	0.015	0.16	<0.05	--	<0.05	<0.05	<0.1	<0.07	0.069 J	0.045 J	0.092 J	0.37

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-34A	06/30/10	N	1.2	120	7.44	0.89	--	20.1	84	--	2.6	--	>127	--	0.143	--	3.9	68	72	0.051	--	--	--	--	--	--	--	--	--	--	--	--
BP-34A	08/03/10	N	4.24	58.1	7.15	0.78	--	15.2	70	--	2.9	--	>124	--	0.16	--	5.6	33	39	0.026	0.074	<0.05	--	<0.05	<0.05	<0.1 M	<0.07	<0.15	<0.05	0.11 J	0.18
BP-34A	11/08/10	N	2.12	38.6	7.05	0.26	--	13.3	95	--	1.1	--	148	--	0.059	--	2.2	26	28	0.097	0.77 BM	<0.05 M	--	<0.05	<0.05	<0.1 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.77
BP-34A	01/10/11	N	3.64	53.2	7.33	--	<0.5	10.3	--	67	--	<0.5	--	140	--	1 J	0.65	0.19	0.84	0.059	0.07 J	<0.05	--	<0.05	<0.05	0.23 B	<0.07	<0.15	<0.05	<0.15	0.30
BP-34A	01/11/11	N	2.15	14.3	7.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-34A	03/22/11	N	3.04	123.4	7.39	0.34	--	7.8	75.5	--	1.1	--	116	--	0.064	--	0.7	1	1.7	0.046	0.081	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.074	<0.15	0.16
BP-34A	03/23/11	N	1.26	229.5	7.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-34A	05/16/11	N	0.6	4.5	6.95	1.01	--	11.7	56	--	1.8	--	>107	--	0.139	--	1.1	31	32	0.082	0.07 J	<0.05	--	<0.05	<0.05	0.29	<0.07	<0.15	0.095	0.15 J	0.61
BP-34A	05/17/11	N	0.26	-281.2	<15.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-34A	06/21/11	N	1.42	-243.5	7.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-34A	06/22/11	N	0.86	-21.9	7.17	0.84	--	12.3	51	--	2.3	--	>114	--	0.083	--	0.96	7.2	8.2	0.069	0.13	<0.05	--	<0.05	<0.05	0.43	<0.07	<0.15	0.055	0.15 J	0.77
BP-34A	10/10/11	N	0.9	105.8	6.47	0.32	--	--	49	--	0.8	--	>136	--	0.036	--	--	--	--	--	0.38	<0.05	--	<0.05	<0.05	0.47	<0.07	0.046 J	<0.05	0.12 J	1.0
BP-34A	12/05/11	N	1.06	78.9	7.21	0.17	--	--	53.5	--	0.7	--	>121	--	0.022	--	0.14	0.14	0.28	0.0025	0.07	0.02 J	--	<0.05	<0.05	0.19	<0.07	<0.15	<0.05	0.046 J	0.33
BP-34A	03/20/12	N	0.59	190.8	7.12	0.45	--	--	43.8	--	1.2	--	>105	--	0.055	--	1.2	85	86	0.17	0.025 J	<0.05	--	<0.05	<0.05	0.069 J	<0.07	<0.15	0.0089 J	<0.15	0.10
BP-34A	09/11/12	N	1.25	6.8	7.2	0.3	--	--	>67.8	53	0.7	<0.5	31	95	0.105	--	1.1	12	13	0.12	0.039 J	<0.05	--	<0.05	<0.05	0.017 J	<0.07	<0.15	<0.05	0.047 J	0.10
BP-34A	04/09/13	N	1.98	72.2	7.32	0.36	--	--	>57.9	--	1.1	--	>107	--	0.047	--	1.3	0.38	1.7	0.24	0.21	<0.05	--	0.67	<0.05	<0.1	<0.07	<0.15	0.018 J	0.075 J	0.97
BP-34A	04/09/13	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	0.077	1.2	0.22	0.26	<0.05	--	<0.1	<0.05	0.1	<0.07	<0.15	0.033 J	0.076 J	0.47
BP-34A	10/29/13	N	1.01	39.1	7.22	0.27	--	9.5	--	--	0.9	--	>128	--	0.039	--	0.89	11	12	0.16	0.3	<0.05	--	<0.5	<0.1	0.098 J	<0.07	<0.15	0.023 J	<0.15	0.42
BP-34A	04/16/14	N	0.49	-105.6	7.72	1.09	--	9	--	--	1.6	--	51	--	0.069	--	1.2	160	160	0.18	0.86	0.043 J	--	<0.5	<0.1	<0.1	<0.07	<0.15	0.07	<0.15	0.97
BP-34A	06/04/14	N	4.62	48.6	7.11	0.05	--	9.6	--	--	0.8	--	63	--	0.014	--	0.49	25	25	0.092	0.28	<0.05	--	<0.5	<0.2	<0.1	<0.07	<0.15	<0.05	<0.15	0.28
BP-34A	09/09/14	N	1.03	108.5	7.2	0.2	--	6.8	--	--	1.1	--	>102	--	0.392	--	0.38	12	12	0.068	0.11	<0.05	--	<0.5	<0.2	0.13	<0.07	<0.15	<0.05	<0.15	0.24
BP-34A	11/20/14	N	0.88	-38.2	7.29	--	14	9.2	--	88	--	0.15 J	--	85	--	0.7 J	1	160	160	0.085	0.088	0.051	--	0.073 J	<0.2	0.14	0.063 J	<0.15	0.03 J	0.074 J	0.52
BP-34A	04/09/15	N	0.94	48.5	7.11	0.07	--	5.7	--	--	1	--	>97	--	0.017	--	0.94	9	9.9	0.42	0.072 B	<0.05	--	<0.5	<0.2	0.099 J	<0.07	<0.15	0.05 J	0.11 J	0.33
BP-34A	06/24/15	N	0.4	48.3	6.76	0.09	--	7.8	--	--	1.2	--	>70	--	0.01	--	1.2	74	75	0.58	0.25 J	0.011 J	--	<5	<2	0.038 J	<0.7	<1.5	0.039 J	<1.5	0.34
BP-34A	09/23/15	N	0.39	65.1	7.53	0.09	--	6.1	--	--	0.6	--	>80	--	0.045	--	1.4	24	25	0.56	0.22	0.019 J	--	<0.2	<0.2	0.025 J	<0.1	<0.1	<0.1	0.02 J	0.28
BP-34A	11/18/15	N	0.63	5.8	7.19	0.19	--	5.2	--	--	0.8	--	>165	--	0.002	--	1.2	20	21	0.39	0.033 J	0.0092 J	--	<0.2	<0.2	0.02 J	<0.1	<0.1	0.0032 J	0.029 J	0.094
BP-34A	11/18/15	FD	--	--	--	--	--	5.2	--	--	--	--	--	--	--	--	1.1	20	21	0.34	0.029 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0022 J	0.027 J	0.058
BP-34A	04/13/16	N	1.46	149.1	7.28	0.03	--	4.6	--	--	0.7	--	>77	--	0.034	--	3.9	110	110	1.8	0.018 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.018
BP-34A	06/21/16	N	0.71	110.4	7.14	0.04	--	4.6	--	--	1.1	--	>82	--	0.008	--	3.3	39	42	1.1	0.034 J	0.015 J	--	<0.2	<0.2	0.0069 J	<0.1	<0.1	<0.1	<0.1	0.056
BP-34A	09/21/16	N	0.36	20.8	7.15	0.03	--	4.5	--	--	0.4	--	>85	--	0.017	--	3	2.2	5.2	1	0.055 J	0.015 J	--	0.0098 J	<0.2	0.017 J	0.05 J	<0.1	0.0028 J	0.022 J	0.17
BP-34A	04/25/17	N	4.33	-15.8	7.5	0.01	--	7.7	--	--	0.6	--	64	--	0	--	3.5	160	160	0.99	0.37 J	<1	--	<2	<2	0.13 J	<1	<1	<1	<1	0.50
BP-34A	06/20/17	N	5.15	110.9	7.29	0.1	--	8.5	--	--	0.5	--	70 >	--	0.07	--	3.6	200	200	0.99	0.31	0.28	--	<0.2	<0.2	0.034 J	0.0095 J	0.011 J	0.13	0.019 J	0.79
BP-34A	10/10/17	N	1.16	4.2	6.93	0.15	--	7.1	--	--	1.8	--	58	--	0	--	3.7	130	130	1.3	0.053 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.053
BP-34A	04/17/18	N	1.02	132.5	7.15	--	0.018 J	5	--	--	--	<0.5	--	57.8	--	<0.3	3.4	12	15	0.98	0.06 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.060
BP-34A	06/12/18	N	0.03	42.5	7.08	--	0.046 J	4.4	--	--	--	<0.50	--	47.2	--	<0.30	18	560	580	4.3	0.04 J	<0.1	--	<0.2	<0.2	<0.2	0.01 J	<0.1	<0.1	<0.1	0.050
BP-34A	09/26/18	N	0.63	48.6	7.07	--	0.0569 J	4.9	--	--	--	<0.5	--	37.3	--	<0.3	9.9	210	220	2.4	0.11	<0.1	--	<0.2	<0.2	0.076 J	<0.1	<0.1	<0.1	<0.1	0.19
BP-34A	03/26/19	N	0.24	43.3	7.29	--	0.0405 J	4	--	--	--	<0.5	--	27.5	--	<0.3	25	520	550	6.5	0.041 J	0.02 J	--	0.027 J	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.088
BP-34A	06/11/19	N	0.31	46.1	6.89	--	0.132	6.1	--	--	--	<0.5	--	35.9	--	<0.3	26	770	800	8.1	0.072 J	<0.1	--	0.033 J	<0.2	<0.2	0.0087 J	<0.1	<0.1	<0.1	0.11
BP-34A	09/17/19	N	0.4	-10.6	7.27	--	0.164	6.5	--	--	--	<0.5	--	39.7	--	<0.3	13	280	290	3.5	0.096 J	<0.1	--	<0.2	<0.2	0.054 J	<0.1	<0.1	0.0072 J	<0.1	0.16
BP-34A	10/08/19	N	0.99	59.4	7.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-34A	04/15/20	N	0.49	103.3	7.18	--	0.0507 J	8.4	--	--	--	<0.5	--	60.6	--	<0.3	5.3	190	200	1.2	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	ND
BP-34A	09/10/20	N	0.28	108.7	6.93	--	0.17	8.9	--	--	--	<0.50	--	60	--	<2.0	5.2	200	210	1	0.66	0.067 J	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.73
BP-34A	11/11/20	N	1.4	3	7.11	--	0.13	6.8	--	--	--	<0.50	--	84	--	<2.0	2.6	62	65	0.48	0.6	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.60
BP-34A	04/14/21	N	0.7	18.3	7.31	--	<0.1	5.5	--	--	--	<0.5	--	48	--	<2	48	550	600	13	0.33 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.33
BP-34A	06/30/21	N	0.19	60	6.19	--	0.067 J	4.1	--	--	--	0.71	--	35	--	<2	28	190	220	5.5	3.4 J	<5	--	<5	<5	<5	<5	<5	<5	<5	3.4
BP-34A	10/13/21	N	0.35	-158.2	7.12	--	0.055 J	4.3	--	--	--	<0.50	--	39	--	<2.0	17	120	140	3.2	0.28 J	<0.5	--	<0.5	<0.5	0.64	<0.5	<0.5	0.056 J	<0.5	0.98
BP-34A	11/15/21	N	0.36	115.7	7.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-34A	04/12/22	N	0.39	101.8	7.23	--	<0.10	6.4	--	--	--	0.39 J	--	40	--	<2.0	62	390	450	16	5.4	<5	--	1.3 J	<5	<5	<5	<5	<5	<5	6.7
BP-34A	08/03/22	N	0.78	-69.3	7.2	--	0.14	4.2	--	--	--	0.56	--	30	--	<2.0	31	260	290	5.3	4 J	<5	--	<5	<5	2 J	<5	<5	<5	<5	6.0
BP-34A	10/11/22	N	0.47	-37.6	7.06	--	0.12 HF	5.7	--	--	--	<0.55	--	45	--	<2.0	23	270	290	4.9	2.2 J	0.81 J	--	<5	<5	2.1 J	<5	<5	<5	<5	5.1

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-34A	04/25/23	N	0.41	69.1	7.1	--	0.11 HF	4.9	--	--	--	<0.55	--	34	--	<2.0	18	500	520	3.3	2.5 J	<5	--	<5	<5	0.84 J	<5	<5	0.59 J	<5	3.9
BP-34A	08/08/23	N	3.22	163.4	5.86	--	20 HF	3,200 B	--	--	--	<1.1	--	12 J	--	<40	<100	<100	ND	<0.2	572	149 J	<250	<250	<250	<250	<250	<250	2,320	<250	3,000
BP-34A	10/31/23	N	2.75	-24.9	5.33	--	210 HF	2,800	--	--	--	<0.55	--	10	--	<8.0	12.6	195	210	1.5	1,470	152	16 J	<100	<100	<100	84.7 J	14.5 J	1,160	17.6 J	2,900
BP-34A	04/09/24	N	0.81	-24.9	5.6	--	69 HF	1,100	--	--	--	<0.55	--	<7.5	--	<2.0	26.1	3,780	3,800	2.75	781	95.3	14.8	18.9	<5.0	<5.0	71.8	18.6	348	30.9	1,400
BP-34A	08/13/24	N	0.64	-62.1	5.99	--	77 HF	700	--	--	--	<0.55	--	<7.5	--	<40	27.1	4,220	4,200	2.53	641	113	19.1 J	42.9 J	<50.0	<50.0	54.2	20.9 J	216	54.2	1,200
BP-34A	11/12/24	N	8.78	-36.8	5.86	--	94 HF	750	--	--	--	<0.55 F1	--	<7.5 F1	--	<2.0	12.2 H	4,270 H	4,300	1.18 H	360 H	190 H	590 H	<0.5 H	60 H	<0.5 H	73 H	130 H	<0.5 H	<0.5 H	1,400
BP-34A	04/08/25	N	0.33	-87.9	5.95	--	100 HF	70	--	--	--	0.18	--	3.2	--	<2.0	32.4	6,600	6,600	6.74	800	180	18	220	<0.5	<0.5	38	85	73	<0.5	1,400
BP-34A	04/08/25	FD	--	--	--	--	--	720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-34A	08/05/25	N	0.39	-106.9	6.31	--	86 HF	730	--	--	--	<0.11 *+	--	<1.5	--	<4.0	32.2	7,480	7,500	6.05	880	180	<5	200	<5	<5	24	74	43	<5	1,400
BP-35A	05/20/10	N	--	--	--	2.93	--	10.3	350	--	4.1	--	>122	--	0.211	--	9.2	13	22	0.014	0.093	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.093
BP-35A	06/30/10	N	4.79	288	6.45	1.11	--	6.3	38	--	2.9	--	118	--	--	--	5.3	13	18	0.017	--	--	--	--	--	--	--	--	--	--	--
BP-35A	08/03/10	N	2.29	182.2	6.79	1.28	--	5.6	32	--	3.3	--	125	--	0.184	--	4.8	9.2	14	0.019	0.046 J	<0.05	--	<0.05	<0.05	<0.1 M	<0.07	<0.15	0.12	<0.15	0.17
BP-35A	11/08/10	N	9.72	50.4	7.56	--	--	4.9	--	--	--	--	--	--	--	--	0.25	0.18	0.43	0.003	0.28 BM	0.14 M	--	<0.05	<0.05	<0.1 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.42
BP-35A	01/10/11	N	6.03	130.8	7.77	--	<0.5	3.6	--	12 M	--	<0.5	--	78	--	0.6 J	0.35	0.035	0.39	0.01	0.078	<0.05	--	<0.05	<0.05	<0.1 B	<0.07	<0.15	<0.05	0.13 J	0.21
BP-35A	01/11/11	N	5.5	180.6	7.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-35A	03/22/11	N	7.91	98	7.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-35A	03/23/11	N	9.55	-31	7.68	--	0.091 J	2.9	--	8	--	<0.5	--	54	--	<2	0.48	0.067	0.55	0.0052	0.11	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	0.12 J	0.23
BP-35A	05/16/11	N	7.21	29.8	7.43	--	<0.5	3.4	--	9	--	<0.5	--	58	--	<2	0.53	0.039	0.57	0.0065	0.12	<0.05	--	<0.05	<0.05	0.47	<0.07	<0.15	0.076	0.15 J	0.82
BP-35A	05/17/11	N	5.68	215.1	7.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-35A	06/21/11	N	2.34	-72.9	7.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-35A	06/22/11	N	7.41	175.8	7.55	--	0.5 J	3.3	--	10	--	<0.5	--	56	--	2 J	0.39	0.096	0.49	0.007	0.088	<0.05	--	<0.05	<0.05	0.76	<0.07	<0.15	0.072	<0.15	0.92
BP-35A	10/10/11	N	6.56	164.8	6.84	0.21	--	--	9.7	--	0.7	--	>70	--	0.03	--	--	--	--	--	0.14	<0.05	--	<0.05	<0.05	0.74	<0.07	<0.15	<0.05	0.079 J	0.96
BP-35A	12/05/11	N	4.44	48.3	7.58	0.28	--	--	5.9	--	1.1	--	64	--	0.0083	--	0.67	20	21	0.062	<0.07	0.026 J	--	<0.05	<0.05	0.086 J	<0.07	<0.15	<0.05	<0.15	0.11
BP-35A	12/05/11	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.14	0.17	0.31	0.0024	<0.07	0.022 J	--	<0.05	<0.05	0.074 J	<0.07	<0.15	<0.05	<0.15	0.096
BP-35A	03/20/12	N	7.32	71	7.42	0.16	--	--	6.1	--	0.6	--	56	--	0.043	--	0.3	0.082	0.38	0.0044	0.056 J	<0.05	--	<0.05	<0.05	0.14	<0.07	<0.15	<0.05	<0.15	0.20
BP-35A	09/11/12	N	1.93	38.2	7.5	0.15	--	3.6	16.2	10	0.6	0.99	44	46	0.057	--	0.52	0.084	0.60	0.0024	0.11	<0.05	--	<0.05	<0.05	0.019 J	<0.07	<0.15	<0.05	<0.15	0.13
BP-35A	04/09/13	N	9.58	121.1	7.91	0.64	--	--	10.7	--	1.9	--	47	--	0.024	--	0.25	0.11	0.36	0.013	0.048 J	0.12	--	0.12	<0.05	0.13	<0.07	<0.15	<0.05	<0.15	0.42
BP-35A	10/29/13	N	7.13	143	8.37	0.2	--	4.4	--	--	1	--	41	--	0.036	--	0.072	0.093	0.17	0.0027	0.1	0.038 J	--	<0.5	<0.1	0.4	<0.07	<0.15	0.022 J	<0.15	0.56
BP-35A	04/16/14	N	7.07	144.8	8	0.24	--	3.6	--	--	1.2	--	22	--	0.045	--	0.41	0.066	0.48	0.014	0.18	<0.05	--	<0.5	<0.1	<0.1	<0.07	<0.15	0.055	<0.15	0.24
BP-35A	06/04/14	N	7.09	81.8	8.04	0.21	--	3	--	--	1.3	--	49	--	0.04	--	0.26	0.12	0.38	0.0024	0.083	<0.05	--	<0.5	<0.2	0.2	<0.07	<0.15	<0.05	<0.15	0.28
BP-35A	09/09/14	N	7.08	147.8	7.99	--	1	3	--	14	--	1.2	--	21	--	1.6 J	0.36	0.011 J	0.37	0.0013	0.12	<0.05	--	<0.5	<0.2	0.39	<0.07	<0.15	<0.05	<0.15	0.51
BP-35A	11/20/14	N	6.44	75.9	7.84	0.21	--	3.6	--	--	1.3	--	38	--	0.047	--	0.32	0.06	0.38	0.0012	0.058 J	0.053	--	0.072 J	<0.2	0.16	<0.07	0.076 J	0.03 J	0.077 J	0.53
BP-35A	04/09/15	N	10.15	37.1	7.7	0.05	--	3	--	--	0.7	--	32	--	0.011	--	0.16	0.24	0.40	0.0087	0.12 B	0.074	--	<0.5	<0.2	0.073 J	<0.07	<0.15	0.047 J	<0.15	0.31
BP-35A	06/24/15	N	0.4	48.3	6.76	0.05	--	1.2	--	--	1	--	17	--	0.005 J	--	0.1	0.79	0.89	0.027	0.032 J	0.0022 J	--	<0.5	<0.2	<0.1	<0.07	<0.15	0.0025 J	<0.15	0.037
BP-35A	06/24/15	FD	--	--	--	--	--	1.7	--	--	--	--	--	--	--	--	0.084 J	0.58	0.66	0.021	0.027 J	0.0011 J	--	<0.5	<0.2	<0.1	<0.07	<0.15	0.0021 J	<0.15	0.030
BP-35A	09/23/15	N	2.84	151.4	7.53	0.18	--	1.3	--	--	1	--	29	--	0.164	--	0.16	0.1 J	0.26	0.0017	0.037 J	0.014 J	--	<0.2	<0.2	0.047 J	<0.1	<0.1	<0.1	<0.1	0.098
BP-35A	09/23/15	FD	--	--	--	--	--	1.3	--	--	--	--	--	--	--	--	0.11	0.1 J	0.21	0.0015	0.039 J	0.016 J	--	<0.2	<0.2	0.027 J	<0.1	<0.1	<0.1	<0.1	0.082
BP-35A	11/18/15	N	4.48	89.2	7.46	0.4	--	1.7	--	--	1.4	--	25	--	0.102	--	0.39	0.1 J	0.49	0.001	0.03 J	0.0072 J	--	<0.2	<0.2	0.019 J	<0.1	<0.1	0.0033 J	<0.1	0.060
BP-35A	04/13/16	N	8.64	145.9	7.53	0.03	--	2.1	--	--	0.4	--	1	--	0.08	--	0.2	0.042 J	0.24	0.0016	0.016 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.016
BP-35A	06/21/16	N	5.53	90.8	7.58	0.02	--	1.5	--	--	0.8	--	11	--	0.011	--	0.15	0.026 J	0.18	0.00077	0.027 J	<0.1	--	<0.2	<0.2	0.016 J	<0.1	<0.1	<0.1	<0.1	0.043
BP-35A	06/21/16	FD	5.53	90.8	7.58	0.02	--	1.5	--	--	0.8	--	11	--	0.011	--	0.2	0.03 J	0.23	0.0011	0.02 J	<0.1	--	<0.2	<0.2	0.017 J	<0.1	<0.1	<0.1	<0.1	0.037
BP-35A	09/20/16	N	3.89	81.3	7.54	0.7	--	1.6	--	--	1.9	--	34	--	0.12	--	0.8	0.044 J	0.84	0.0014	0.024 J	0.0077 J	--	<0.2	<0.2	0.033 J	0.036 J	<0.1	0.0022 J	<0.1	0.10
BP-35A	04/25/17	N	6.59	7.5	7.72	0.06	--	2.8	--	--	0.6	--	19	--	0	--	0.21	0.32	0.53	0.0056	0.36 J	<1	--	<2	<2	0.17 J	<1	<1	<1	<1	0.53
BP-35A	06/20/17	N	4.51	198.5	7.49	0.39	--	2.3	--	--	0.8	--	21	--	0.08	--	0.26	0.031 J	0.29	0.00074	0.048 J	0.026 J	--	<0.2	<0.2	0.015 J	<0.1	<0.1	0.012 J	<0.1	0.10
BP-35A	06/20/17	FD	--	--	--	--	--	2.3	--	--	--	--	--	--	--	--	0.17	0.061 J	0.23	0.00086	0.026 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.026
BP-35A	10/10/17	N	6.37	33.5	7.19	0.1	--	2.1	--	--	2.8	--	17	--	0.07	--	0.12	0.038 J	0.16	0.0011	0.025 J	0.0055 J	--	<0.2	<0.2	0.012 J	<0.1	<0.1	<0.1	<0.1	0.043
BP-35A	04/17/18	N	7.15	9.3	7.1	--	0.026 J	2.4	--	--	--	<0.5	--	21.5	--	<0.3	0.21	0.088 J	0.30	0.001	0.035 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.035
BP-35A	06/12/18	N	0.76	136.4	7.13	--	<0.050	2	--	--	--	<0.50	--	21.8	--	<0.30	0.11	0.02 J	0.13	0.00036 J	0.04 J	<0.1	--	<0.2	<0.2	<0.2	0.04 J	<0.1	<0.1	<0.1	0.080
BP-35A	06/12/18	FD	--	--	--	--	--	2.1	--	--	--	--	--	--	--	--	0.12	0.02 J	0.14	0.00045 J	0.04 J	<0.1	--	<0.2	<0.2	<0.2	0.04 J	<0.1	<0.1	<0.1	0.080
BP-35A	09/25/18	N	7.38	149.7	7.21	--	<0.1	2.3	--	--	--	1	--	20.9	--	<0.3	0.17	0.56	0.73	0.022	0.036 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.036

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-35A	03/26/19	N	5.91	72.4	7.48	--	0.0318 J	2	--	--	--	<0.5	--	24	--	<0.3	0.055 J	<0.1	0.055	0.0005 J	0.029 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.029
BP-35A	06/11/19	N	2.05	74.9	6.9	--	0.0313 J	3.9	--	--	--	<0.5	--	30.6	--	<0.3	0.049 J	0.027 J	0.076	0.00042 J	0.21	0.031 J	--	0.024 J	<0.2	<0.2	<0.1	<0.1	0.098 J	<0.1	0.36
BP-35A	06/11/19	FD	--	--	--	--	--	3.9	--	--	--	--	--	--	--	--	0.048 J	0.013 J	0.061	0.00033 J	0.19	0.028 J	--	0.033 J	<0.2	<0.2	<0.1	<0.1	0.086 J	<0.1	0.34
BP-35A	09/17/19	N	0.58	34.6	7.4	--	0.0176 J	3.3	--	--	--	0.45 J	--	32.7	--	<0.3	0.17	1.2	1.4	0.05	0.05 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.016 J	<0.1	0.066
BP-35A	04/15/20	N	4.89	95.7	7.34	--	<0.1	2.4	--	--	--	0.61	--	31.6	--	<0.3	0.027 J	0.011 J	0.038	0.00028 J	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0012 J	<0.1	0.0012
BP-35A	09/10/20	N	0.95	297.1	7.26	--	<0.050	2.6	--	--	--	<0.50	--	35	--	--	<1	0.72 J	0.72	0.01	0.61	<0.5	--	0.087 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.70
BP-35A	09/10/20	FD	--	--	--	--	--	2.5	--	--	--	--	--	--	--	--	<1	0.86 J	0.86	0.0096	0.58	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.58
BP-35A	11/10/20	N	3.35	102.8	7.55	--	0.016 J	3.5	--	--	--	0.45 J	--	65	--	<2.0	<1	0.34 J	0.34	0.011	0.38 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.38
BP-35A	04/13/21	N	9.8	100.9	7.55	--	<0.1	2.9	--	--	--	0.41 J	--	29	--	<2	<1	0.28 J	0.28	0.01	0.3 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.30
BP-35A	06/29/21	N	4.35	149.7	6.19	--	<0.1	2.2	--	--	--	<0.5	--	22	--	--	<1	<1	ND	<0.005	0.3 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.30
BP-35A	06/29/21	FD	--	--	--	--	--	2.1	--	--	--	--	--	--	--	--	<1	<1	ND	<0.005	0.28 J	<0.5	--	<0.5	<0.5	0.16 J	<0.5	<0.5	<0.5	<0.5	0.44
BP-35A	10/13/21	N	1.54	117.1	7.29	--	<0.10	1.7	--	--	--	1.1	--	23	--	<2.0	<1	<1	ND	0.004 J	0.28 J	<0.5	--	<0.5	0.058 J	0.78	<0.5	<0.5	<0.5	<0.5	1.1
BP-35A	11/15/21	N	2.84	110.1	7.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-35A	04/12/22	N	5.8	82.6	7.5	--	<0.10	3.3	--	--	--	0.27 J	--	34	--	<2.0	<1	0.26 J	0.26	0.01	0.86	<0.5	--	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	2.4
BP-35A	08/02/22	N	4.69	161.9	7.49	--	<0.10	2.3	--	--	--	0.64	--	36	--	0.75 J	0.34 J	0.4 J	0.74	0.006	4.3 J	<5	--	<5	<5	2.1 J	<5	<5	<5	<5	6.4
BP-35A	08/02/22	FD	--	--	--	--	--	2.3	--	--	--	--	--	--	--	--	0.31 J	0.37 J	0.68	0.0042 J	4.4 J	<5	--	<5	<5	2.2 J	<5	<5	<5	<5	6.6
BP-35A	10/11/22	N	4.03	101.7	7.32	--	<0.10 HF	2.8	--	--	--	0.4 J	--	32 F1	--	<2.0	<1	0.37 J	0.37	0.0022 J	1.9 J	<5	--	<5	<5	2.3 J	<5	<5	<5	<5	4.2
BP-35A	10/11/22	FD	--	--	--	--	--	2.6	--	--	--	--	--	--	--	--	<1	<1	ND	<0.005	2 J	0.74 J	--	<5	<5	2.3 J	<5	<5	<5	<5	5.0
BP-35A	04/25/23	N	7.26	49.6	7.46	--	<0.10 HF	2.1	--	--	--	<0.55	--	30	--	<2.0	0.41 J	0.79 J	1.2	0.0046 J	2.3 J	<5	--	<5	<5	<5	<5	<5	0.58 J	<5	2.9
BP-35A	04/25/23	FD	--	--	--	--	--	2	--	--	--	--	--	--	--	--	0.2 J	0.3 J	0.50	<0.005	2.4 J	0.58 J	--	<5	<5	<5	<5	<5	0.59 J	<5	3.6
BP-35A	08/09/23	N	7.12	-84.4	6.83	--	14 HF	51 B	--	--	--	<0.55	--	<7.5	--	<2.0	1.8 J	7.5	9.3	0.152	33.6	1.8 J	0.79 J	<5.0	<5.0	1.9 J	0.79 J	<5.0	29.5	<5.0	68
BP-35A	08/09/23	FD	--	--	--	--	--	49 B	--	--	--	--	--	--	--	--	1.8 J	7.7	9.5	0.153	31.4	1.6 J	0.66 J	<5.0	<5.0	1.7 J	0.84 J	<5.0	28.1	<5.0	64
BP-35A	10/31/23	N	2.45	-103	6.82	--	18 HF	72	--	--	--	<0.55	--	<7.5	--	<2.0	1.7 J	87.7	89	3.17	87.6	7.3	0.78 J	<5.0	<5.0	1.1 J	<5.0	<5.0	9.3	0.79 J	110
BP-35A	10/31/23	FD	--	--	--	--	--	73	--	--	--	--	--	--	--	--	1.8 J	88.6	90	3.2	81.9	6.9	0.77 J	0.68 J	<5.0	1.2 J	<5.0	<5.0	8.8	0.75 J	100
BP-35A	04/09/24	N	0.88	-129.2	6.97	--	24 HF	190	--	--	--	<0.55	--	<7.5 F1	--	<2.0	9.3	1,330	1,300	9.16	279	14.9	3.4 J	<5.0	<5.0	2 J	<5.0	2.1 J	19.9	2.6 J	320
BP-35A	04/09/24	FD	--	--	--	--	--	190	--	--	--	--	--	--	--	--	9.4	1,370	1,400	8.55	270	13.5	3.2 J	<5.0	<5.0	1.8 J	<5.0	1.9 J	19	2.3 J	310
BP-35A	08/13/24	N	0.23	-151.9	6.97	--	10 HF	78	--	--	--	<0.55	--	3.2 J	--	<2.0	7.3	516	520	3.66	112	3.1 J	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	120
BP-35A	08/13/24	FD	--	--	--	--	--	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-35A	11/12/24	N	0.9	-111.1	6.84	--	28 HF	110	--	--	--	<0.11 H	--	2.7	--	<2.0	1.9 JH	256 H	260	1.86 H	170 H	<0.5 H	100 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	270
BP-35A	11/12/24	FD	--	--	--	--	--	100	--	--	--	--	--	--	--	--	2.4 JH	289 H	290	2.54 H	160 H	<0.5 H	97 H	1.1 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	260
BP-35A	04/08/25	N	0.33	-129	6.96	--	36 HF	120	--	--	--	<0.11	--	<1.5	--	<2.0	52.2	838	890	14.5	190	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	0.27 I	1.6	0.71	<0.5	190
BP-35A	04/08/25	FD	--	--	--	--	--	110	--	--	--	--	--	--	--	--	53.6	824	880	13.4	180	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.5	1.1	<0.5	180
BP-35A	08/05/25	N	0.81	-128.3	6.9	--	23 HF	97	--	--	--	<0.11 F1*+	--	1.1 J	--	<2.0	24.7	364	390	7.26	240	<5	<5	<5	<5	<5	<5	2.7 J	<5	<5	240
BP-35A	08/05/25	FD	--	--	--	--	--	99	--	--	--	--	--	--	--	--	27.2	366	390	25.7	240	<5	<5	<5	<5	<5	<5	2.3 J	<5	<5	240
BP-36A	05/20/10	N	2.77	276.4	6.85	0.15	--	2.7	15.8	--	0.7	--	65	--	0.02	--	0.64	27	28	0.11	0.11	<0.05	--	<0.05	<0.05	<0.1	<0.07	0.087 J	0.071	0.074 J	0.34
BP-36A	08/04/10	N	2.92	178.6	6.63	0.14	--	2.1	24.8	--	0.7	--	35	--	0.025	--	0.47	16	16	0.078	0.15	<0.05	--	<0.05	<0.05	<0.1 M	<0.07	<0.15	0.043 J	<0.15	0.19
BP-36A	09/22/10	N	6.57	85.7	7.12	0.19	--	2	9.4	--	3.1	--	44	--	0.023	--	0.11	0.79	0.90	0.0067	0.067 J	<0.05	--	<0.05	<0.05	0.3	<0.07	<0.15	0.041 J	<0.15	0.41
BP-36A	11/10/10	N	2.32	99.4	7.12	0.22	--	2.7	19.9	--	0.9	--	24	--	0.04	--	0.41	12	12	0.047	0.22 BM	<0.05 M	--	<0.05	<0.05	<0.1 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.22
BP-36A	01/11/11	N	1.68	88.5	7.27	0.13	--	2	8.4	--	0.8	--	29	--	0.031	--	0.46	16	16	0.066	0.047 J	<0.05	--	<0.05	<0.05	<0.1 B	<0.07	<0.15	<0.05	<0.15	0.047
BP-36A	01/12/11	N	5.69	-58.5	7.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-36A	03/23/11	N	1.27	2.6	7.23	--	0.17 J	2.3	--	11	--	0.15 J	--	33	--	<2	0.74	18	19	0.072	0.092	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.088	<0.15	0.18
BP-36A	05/17/11	N	0.22	178.6	7.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-36A	05/17/11	N	1.2	269.1	7.02	0.13	--	2.2	11.1	--	0.6	--	42	--	0.025	--	0.66	26	27	0.093	0.07 J	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.064	<0.15	0.13
BP-36A	06/20/11	N	1	194.1	7.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-36A	06/21/11	N	1.35	137.1	7	0.19	--	2.7	8	--	0.8	--	48	--	0.018	--	0.82	28	29	0.13	0.07 J	<0.05	--	<0.05	<0.05	0.29	<0.07	<0.15	<0.05	<0.15	0.36
BP-36A	10/11/11	N	1.45	105.1	6.83	0.09	--	--	11.2	--	0.5	--	48	--	0.009	--	--	--	--	--	0.13	<0.05	--	<0.05	<0.05	0.48	<0.07	<0.15	0.078	<0.15	0.69
BP-36A	12/06/11	N	1.87	104.4	7.2	0.21	--	--	6.9	--	0.8	--	44	--	0.025	--	0.11	0.14	0.25	0.046	<0.07	0.022 J	--	<0.05	<0.05	0.08 J	<0.07	<0.15	<0.05	<0.15	0.10
BP-36A	03/21/12	N	1.59	92	7.19	0.06	--	--	7	--	0.5	--	39	--	0.016	--	0.54	12	13	0.06	0.014 J	<0.05	--	<0.05	<0.05	0.098 J	<0.07	<0.15	<0.05	<0.15	0.11
BP-36A	03/21/12	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.45	12	12	0.054	0.017 J	<0.05	--	<0.05	<0.05	0.11	<0.07	<0.15	<0.05	<0.15	0.13
BP-36A	09/12/12	N	5.94	64.5	7.18	0.07	--	--	5.3	9.9	0.5	<0.5	22	34	0.007	--	0.14	0.3	0.44	0.0077	0.03 J	<0.05	--	<0.05	<0.05	0.057 J	<0.07	<0.15	<0.05	<0.15	0.087

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-36A	04/11/13	N	2.06	45.8	7.33	0.82	--	--	7.5	--	3.4	--	45	--	0.046	--	0.53	10	11	0.051	0.056 J	<0.05	--	0.14	<0.05	0.13	<0.07	<0.15	<0.05	<0.15	0.33
BP-36A	10/30/13	N	0.48	113.7	7.33	0	--	5.6	--	--	0.2	--	31	--	0.011	--	1.5	37	39	0.19	0.033 J	<0.05	--	<0.5	<0.1	0.31	<0.07	<0.15	<0.05	<0.15	0.34
BP-36A	10/30/13	FD	--	--	--	--	--	6.3	--	--	--	--	--	--	--	--	1.2	30	31	0.15	0.028 J	<0.05	--	<0.5	<0.1	0.22	<0.07	<0.15	<0.05	<0.15	0.25
BP-36A	04/15/14	N	1.58	119.3	6.63	0.59	--	2.6	--	--	1.4	--	32	--	0.053	--	1.1	15	16	0.092	0.096	<0.05	--	<0.5	<0.1	0.08 J	<0.07	<0.15	0.036 J	<0.15	0.21
BP-36A	06/04/14	N	3.97	132	7.3	0.02	--	2.7	--	--	0.9	--	31	--	0.03	--	1.1	28	29	0.17	0.081	<0.05	--	<0.5	<0.2	<0.1	<0.07	<0.15	<0.05	<0.15	0.081
BP-36A	09/09/14	N	1.12	-186.1	7.31	0.65	--	11.6	--	--	1.1	--	17	--	0.287	--	1.1	23	24	0.18	14	0.21	--	0.16 J	<0.2	0.25 J	<0.07	<0.15	0.96	<0.15	16
BP-36A	11/20/14	N	0.6	-130.8	7.27	1.07	--	10.2	--	--	1.2	--	28	--	0.005	--	0.99	26	27	0.17	15	0.4	--	0.079 J	<0.2	0.98 J	0.066 J	0.09 J	0.4 J	0.085 J	17
BP-36A	04/08/15	N	0.7	-95.8	7.27	0.21	--	1.8	--	--	0.9	--	17	--	--	--	3.4	17	20	0.15	0.77	0.085	--	0.091 J	<0.2	0.071 J	<0.07	<0.15	0.049 J	<0.15	1.1
BP-36A	06/23/15	N	0.98	-46.7	6.8	0.37	--	1.6	--	--	1.1	--	29	--	0.109	--	1.7	31	33	0.34	0.25	0.0035 J	--	<0.5	<0.2	<0.1	<0.07	<0.15	0.0023 J	<0.15	0.26
BP-36A	09/22/15	N	1.41	-26.6	5.87	--	28 E	906	--	--	--	<0.5	--	3	--	48	7.4	58	65	0.32	96	12	--	17	0.61	0.65 J	4.3	0.85	170	3.4	300
BP-36A	11/17/15	N	0.43	-128.3	6.48	--	15	148	--	--	--	<0.5	--	0.84 J	--	<1	4	46	50	0.28	45	4.1	--	18	<0.2	0.033 J	3.6	0.3	11	0.48	83
BP-36A	04/13/16	N	1.41	-117	7.28	>3.61	--	48.7	--	--	0.8	--	4	--	0.281	--	4.7	76	81	0.42	42	3.1	--	2.5	<0.2	0.12 J	0.62	0.27	1.9	0.78	51
BP-36A	06/22/16	N	0.22	-146	7.09	>5.07	--	34.1	--	--	0.9	--	2	--	0.096	--	6.5	130	140	0.96	32	4.1	--	3.1	<0.2	<2	0.3	0.11	1.4	0.054 J	41
BP-36A	06/22/16	FD	0.22	-146	7.09	>5.07	--	--	--	--	0.9	--	2	--	0.096	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-36A	09/20/16	N	0.38	-116.7	7.28	>0	--	38.1	--	--	0.6	--	11	--	0.143	--	4.1	140	140	1.9	44	6	--	3.3	<0.2	<0.2	0.51	0.045 J	2.5	0.14	56
BP-36A	09/20/16	FD	--	--	--	--	--	35.7	--	--	--	--	--	--	--	--	3.6	140	140	1.9	54	6.9	--	3.3	<0.2	<0.2	0.46	0.07 J	2.4	0.12	67
BP-36A	04/25/17	N	0.11	221	7.35	>3	--	20.3	--	--	1	--	8	--	0.08	--	32	720	750	8.5	43	0.69 J	--	0.17 J	<2	0.42 J	<1	0.083 J	0.11 J	<1	44
BP-36A	06/20/17	N	0.28	-161.2	7.06	>3	--	20.1	--	--	0.5	--	0	--	0.12	--	25	700	730	8.2	35	1.2	--	0.27	<0.2	<0.2	0.02 J	0.046 J	0.19	0.034 J	37
BP-36A	06/20/17	FD	--	--	--	--	--	19.5	--	--	--	--	--	--	--	--	23	780	800	7.2	33	1.2	--	0.3	<0.2	<2	0.021 J	0.045 J	0.19	0.033 J	35
BP-36A	10/10/17	N	0.43	-109.5	6.73	>3	--	42.8	--	--	2.9	--	0	--	0.09	--	5.6	1,700	1,700	5.8	79	6.2	--	1.2	0.038 J	<2	0.12	0.083 J	0.73 J	0.08 J	87
BP-36A	10/10/17	FD	--	--	--	--	--	49.4	--	--	--	--	--	--	--	--	5.3	1,800	1,800	6	93	7.7	--	2	0.038 J	<2	0.13	0.094 J	0.77 J	0.095 J	100
BP-36A	04/17/18	N	0.2	-154.7	6.38	--	2.8	7.1	--	--	--	<0.5	--	4.4 J	--	1.1	34	460	490	7.5	6.9	0.5	--	0.069 J	<0.2	<0.2	<0.1	0.012 J	0.034 J	0.016 J	7.5
BP-36A	06/12/18	N	0.64	-163.5	7.06	--	3	10.2	--	--	--	<0.50	--	4.9 J	--	0.42	26	410	440	7.2	18	0.75	--	0.12 J	<0.2	<0.2	0.04 J	0.01 J	0.11	<0.1	19
BP-36A	06/12/18	FD	--	--	--	--	--	10.3	--	--	--	--	--	--	--	--	23	380	400	6.2	17	0.72	--	0.11 J	<0.2	<0.2	0.06 J	0.01 J	0.09 J	<0.1	18
BP-36A	09/25/18	N	0.47	-213.5	7.17	--	1.17	7.3	--	--	--	<0.5	--	4.1 J	--	1.7	20	520	540	5.9	10	0.31	--	<0.2	<0.2	0.017 J	<0.1	0.015 J	0.047 J	<0.1	10
BP-36A	09/25/18	FD	--	--	--	--	--	7.5	--	--	--	--	--	--	--	--	19	510	530	5.9	10	0.31	--	<0.2	<0.2	<0.2	<0.1	0.014 J	0.069 J	<0.1	10
BP-36A	03/26/19	N	0.12	-222.5	7.13	--	2.27	3.6	--	--	--	<0.5	--	8.9	--	0.51	41	370	410	8.9	2.6	0.067 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0079 J	<0.1	2.7
BP-36A	06/11/19	N	0.27	-62.3	6.78	--	1.13	3.4	--	--	--	<0.5	--	13.9	--	0.21 J	34	280	310	9	1.4	0.03 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0056 J	<0.1	1.4
BP-36A	06/11/19	FD	--	--	--	--	--	3.4	--	--	--	--	--	--	--	--	23	210	230	6.5	1.3	0.028 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0048 J	<0.1	1.3
BP-36A	09/17/19	N	0.22	2	7.28	--	1.17	3.7	--	--	--	<0.5	--	12.9	--	0.62	13	300	310	5.3	1.1	0.018 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.011 J	<0.1	1.1
BP-36A	09/17/19	FD	--	--	--	--	--	3.7	--	--	--	--	--	--	--	--	13	300	310	5.4	1.2	0.017 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.012 J	<0.1	1.2
BP-36A	04/15/20	N	0.21	-41.7	6.93	--	0.981	2.6	--	--	--	<0.5	--	13.2	--	<0.3	74	330	400	10	0.2	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0018 J	<0.1	0.20
BP-36A	04/15/20	FD	--	--	--	--	--	2.5	--	--	--	--	--	--	--	--	82	350	430	11	0.2	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0017 J	<0.1	0.20
BP-36A	09/10/20	N	0.35	-127.7	6.93	--	0.64	3.4	--	--	--	<0.50	--	14	--	--	21	540	560	6.7	2.1	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	0.054 J	<0.5	2.2
BP-36A	09/10/20	FD	--	--	--	--	--	3.3	--	--	--	--	--	--	--	--	23	630	650	6.8	2.4	0.064 J	--	<0.5	<0.5	<0.5	<0.5	<0.5	0.055 J	<0.5	2.5
BP-36A	11/10/20	N	0.64	-71.4	6.97	--	4	3.5	--	--	--	<0.50	--	50	--	<2.0	28	450	480	8.8	0.87 J	<1	--	<1	<1	<1	<1	<1	<1	<1	0.87
BP-36A	11/10/20	FD	--	--	--	--	--	3.2	--	--	--	--	--	--	--	--	29	440	470	9.2	0.55	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.55
BP-36A	04/14/21	N	0.63	-94.7	7.07	--	1.3	3.3	--	--	--	<0.5	--	13	--	<2	77	310	390	15	0.35 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.35
BP-36A	04/14/21	FD	--	--	--	--	--	3.2	--	--	--	--	--	--	--	--	82	340	420	16	0.37 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.37
BP-36A	06/30/21	N	0.13	-110	6.35	--	1.9	2.5	--	--	--	<0.5	--	14	--	<2	38	160	200	6.7	0.36 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.36
BP-36A	06/30/21	FD	--	--	--	--	--	2.5	--	--	--	--	--	--	--	--	38	170	210	6.6	0.72 J	<1	--	<1	<1	<1	<1	<1	<1	<1	0.72
BP-36A	10/13/21	N	0.48	-238.1	7.1	--	1.9	2.6	--	--	--	<0.50	--	9.9	--	<2.0	53	310	360	9	0.3 J	<0.5	--	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	1.3
BP-36A	10/13/21	FD	--	--	--	--	--	2.6	--	--	--	--	--	--	--	--	44	260	300	7.8	0.33 J	<0.5	--	<0.5	0.085 J	1	<0.5	0.074 J	<0.5	<0.5	1.5
BP-36A	11/15/21	N	1.69	24.2	6.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-36A	04/12/22	N	0.2	-105	6.92	--	1.2	3.5	--	--	--	0.32 J	--	22	--	<2.0	58	130	190	12	0.56	<0.5	--	0.38 J	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	2.5
BP-36A	04/12/22	FD	--	--	--	--	--	3.9	--	--	--	--	--	--	--	--	56	130	190	11	0.7	<0.5	--	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	2.0
BP-36A	08/02/22	N	0.22	-60.4	7.11	--	1.7	2.6	--	--	--	0.48 J	--	17	--	<2.0	29	100	130	6.6	4.2 J	<5	--	<5	<5	2.2 J	<5	<5	<5	<5	6.4
BP-36A	10/11/22	N	0.22	-68.9	7	--	1.1 HF	3.1	--	--	--	<0.55	--	18	--	<2.0	42	120	160	8.6	2 J	0.59 J	--	<5	<5	2.3 J	<5	<5	<5	<5	4.9
BP-36A	04/25/23	N	0.5	-94.8	6.99	--	1.6 HF	2.3	--	--	--	<0.55	--	14	--	<2.0	50	59	110	5.2	0.58	<0.5	--	0.078 J	<0.5	0.81	<0.5	<0.5	0.058 J	<0.5	1.5
BP-36A	08/08/23	N	6.67	-63.1	6.24	--	13 HF	250	--	--	--	<0.55	--	<7.5	--	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-36A	10/31/23	N	0.37	-143.4	6.49	--	30 HF	140	--	--	--	<0.55	--	<7.5	--	<2.0	37	496	530	7.65	131	14.4	<10.0	5.1 J	<10.0	1.5 J	<10.0	<10.0	6.3 J	<10.0	160
BP-36A	10/31/23	FD	--	--	--	--	--	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-36A	04/09/24	N	0.49	-60.5	6.69	--	11 HF	110	--	--	--	<0.55	--	3 J	--	<2.0	105	384	490	9.9	144	15.4	1.2 J	<5.0	<5.0	2.8 J	<5.0	<5.0	4.4 J	<5.0	170
BP-36A	04/09/24	FD	--	--	--	--	--	110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-36A	08/13/24	N	3.57	-194.1	6.78	--	8.8 HF	150	--	--	--	<0.55	--	<7.5	--	<2.0	29	814	840	7.39	255	21	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	280
BP-36A	08/13/24	FD	--	--	--	--	--	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-36A	11/12/24	N	0.52	-91.7	6.49	--	10 HF	110	--	--	--	<0.11	--	3.1	--	<2.0	8 H	606 H	610	0.705 H	130 H	<0.5 H	120 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	250
BP-36A	11/12/24	FD	--	--	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-36A	04/08/25	N	0.32	-91.4	6.82	--	14 HF,F1	58	--	--	--	<0.11	--	2.8	--	<2.0	79	1,130	1,200	14.2	84	<0.5	<0.5	<0.5	<0.5	<0.5	0.35 I	<0.5	<0.5	<0.5	84
BP-36A	04/08/25	FD	--	--	--	--	--	57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-36A	08/06/25	N	1.33	-78.9	6.73	--	2.6 HF	13	--	--	--	<0.11	--	31	--	3.2	47.7	439	490	3.14	<5	<5	<5	<5	<5	10	<5	<5	<5	<5	10
BP-36A	08/06/25	FD	--	--	--	--	--	22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-37A	05/20/10	N	7.98	262.8	6.74	0.85	--	2.4	191	--	3.2	--	5.7	--	0.132	--	0.35	0.62	0.97	0.52	0.16	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.12	<0.15	0.28
BP-37A	08/04/10	N	0.84	-44.6	7.26	0.15	--	2.7	9.6	--	0.8	--	42	--	0.065	--	0.3	0.71	1.0	0.0068	0.048 J	<0.05	--	<0.05	<0.05	1.5 M	<0.07	<0.15	<0.05	<0.15	1.5
BP-37A	09/21/10	N	298	32.7	7.33	0.64	--	4.8	75	--	1.8	--	51	--	0.227	--	0.17	0.59	0.76	0.0033	0.27	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.27
BP-37A	11/09/10	N	4.33	25.1	7.18	0.08	--	2.6	11.5	--	0.5	--	36	--	0.016	--	0.059	0.12	0.18	0.021	0.27 BM	<0.05 M	--	<0.05	<0.05	<0.1 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.27
BP-37A	11/09/10	FD	--	--	--	--	--	2.6	--	--	--	--	--	--	--	--	0.065	0.13	0.20	0.021	0.22 BM	<0.05 M	--	<0.05	<0.05	<0.1 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.22
BP-37A	01/10/11	N	3.44 0.92	171.5 -49.3	7.52 7.4	0.05	--	2	5	--	0.5	--	24	--	0.005	--	0.41	0.14	0.55	0.26	0.036 J	<0.05	--	<0.05	<0.05	<0.1 B	<0.07	<0.15	<0.05	<0.15	0.036
BP-37A	01/10/11	FD	--	--	--	--	--	1.7	--	--	--	--	--	--	--	--	0.33	0.13	0.46	0.21	0.085	<0.05	--	<0.05	<0.05	0.29 B	<0.07	<0.15	0.1	<0.15	0.48
BP-37A	03/22/11	N	5.85	136.9	7.54	0.34	--	1.4	7	--	1.6	--	29	--	0.073	--	0.027	0.029	0.056	0.0094	0.054 J	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.054
BP-37A	03/24/11	N	4.07	212.9	7.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-37A	05/16/11	N	1.05	-10.1	7.25	--	0.5 J	1.6	--	4.1	--	0.5 J	--	18	--	<2	0.32	0.096	0.42	0.15	0.16	0.079	--	<0.05	<0.05	0.19	<0.07	<0.15	0.11	0.15 J	0.69
BP-37A	05/17/11	N	0.36	101.5	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-37A	06/21/11	N	0.79	36	7.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-37A	06/22/11	N	1.45	201.7	6.96	0.41	--	1.7	19	--	1.1	--	27	--	0.0024	--	0.34	0.17	0.51	0.16	0.07 J	<0.05	--	<0.05	<0.05	0.2	<0.07	<0.15	0.058	<0.15	0.33
BP-37A	06/22/11	FD	--	--	--	--	--	1.7	--	--	--	--	--	--	--	--	0.43	0.24	0.67	0.19	0.1	<0.05	--	<0.05	<0.05	0.14	<0.07	<0.15	0.067	<0.15	0.31
BP-37A	10/10/11	N	2.84	93.1	7.01	0.29	--	--	15.2	--	1.1	--	33	--	0.052	--	--	--	--	--	0.12	<0.05	--	<0.05	<0.05	0.4	<0.07	<0.15	0.084	<0.15	0.60
BP-37A	12/05/11	N	4.94	55.8	7.33	0.19	--	--	1	--	0.7	--	21	--	0.024	--	0.14	0.13	0.27	0.0012	<0.07	0.02 J	--	<0.05	<0.05	0.075 J	<0.07	<0.15	<0.05	<0.15	0.095
BP-37A	03/20/12	N	4.11	42.5	7.3	0.56	--	--	2.3	--	1.6	--	28	--	0.078	--	0.025	0.027	0.052	0.0072	0.039 J	0.024 J	--	<0.05	<0.05	0.067 J	0.44	<0.15	0.013 J	<0.15	0.58
BP-37A	09/11/12	N	5.47	69.7	7.52	0.13	--	2.6	1.3	--	0.8	--	19	--	0.047	--	0.055	0.18	0.24	0.058	0.015 J	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.015
BP-37A	09/11/12	FD	--	--	--	--	--	2.6	--	--	--	--	--	--	--	--	0.056	0.18	0.24	0.062	0.023 J	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.023
BP-37A	04/09/13	N	4.52	189.6	7.51	0.68	--	--	2.3	--	2	--	31	--	0.04	--	0.012 J	0.032	0.044	0.0019	0.032 J	<0.05	--	0.11	<0.05	0.11	<0.07	<0.15	<0.05	<0.15	0.25
BP-37A	10/29/13	N	2.11	144.1	7.38	0.6	--	10.1	--	--	3.1	--	11	--	0.019	--	0.16	0.069	0.23	0.043	0.065 J	0.041 J	--	<0.5	<0.1	0.18	<0.07	<0.15	0.018 J	<0.15	0.30
BP-37A	04/16/14	N	3.71	342.3	7.71	--	0.96	2.3	--	2.8	--	0.28 J	--	10	--	<2	0.43	0.14	0.57	0.085	0.035 J	<0.05	--	<0.5	<0.1	0.033 J	<0.07	<0.15	<0.05	<0.15	0.068
BP-37A	06/04/14	N	4.1	188.8	7.23	0.07	--	1.5	--	--	0.5	--	12	--	0.07	--	0.031	0.024 J	0.055	0.0057	0.034 J	<0.05	--	<0.5	<0.2	0.077 J	<0.07	<0.15	<0.05	<0.15	0.11
BP-37A	09/09/14	N	5.45	151.6	7.51	<0	--	1.5	--	--	0.6	--	13	--	0.141	--	0.007 J	0.036	0.043	0.0071	0.074	<0.05	--	<0.5	<0.2	0.086 J	<0.07	<0.15	<0.05	<0.15	0.16
BP-37A	09/09/14	FD	--	--	--	--	--	1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-37A	11/20/14	N	5.44	128.7	7.23	0.02	--	<1	--	--	0.8	--	20	--	0.005	--	0.003 J	0.045	0.048	0.00058	0.029 J	0.052	--	0.074 J	<0.2	0.11	<0.07	<0.15	0.029 J	<0.15	0.29
BP-37A	04/09/15	N	5.99	77.6	7.46	0.26	--	1.6	--	--	1.3	--	5	--	0.057	--	0.025 J	0.025 J	0.050	0.0067	0.07 JB	0.072	--	<0.5	<0.2	0.068 J	<0.07	<0.15	0.046 J	<0.15	0.26
BP-37A	06/24/15	N	4.07	107.6	7.06	--	0.26 J	1.5	--	--	--	<0.5	--	8	--	<1	0.16	0.078 J	0.24	0.12	0.015 JB	<0.05	--	<0.5	<0.2	<0.1	<0.07	<0.15	<0.05	<0.15	0.015
BP-37A	09/22/15	N	3.64	178.9	6.74	0.05	--	0.61 J	--	--	0.8	--	14	--	0.09	--	0.1 J	0.1 J	0.20	0.0043	0.036 J	0.018 J	--	<0.2	<0.2	0.016 J	<0.1	<0.1	<0.1	<0.1	0.070
BP-37A	11/17/15	N	7.08	40.1	7.22	0.02	--	0.88 J	--	--	0.4	--	26	--	0.011	--	0.1 J	0.1 J	0.20	0.001	0.026 J	0.0065 J	--	<0.2	<0.2	0.013 J	<0.1	<0.1	0.0026 J	<0.1	0.048
BP-37A	04/13/16	N	2.04	207.5	7.23	0.07	--	1.8	--	--	0.7	--	4	--	0.017	--	0.15	0.087 J	0.24	0.22	0.013 J	<0.1	--	<0.2	<0.2	0.014 J	<0.1	<0.1	<0.1	<0.1	0.027
BP-37A	06/22/16	N	1.78	94.3	7.11	--	<0.5	1.8	--	--	--	<0.5	--	7.4	--	<1	0.089 J	0.084 J	0.17	0.34	0.015 J	<0.1	--	<0.2	<0.2	0.0098 J	<0.1	<0.1	<0.1	<0.1	0.025
BP-37A	09/21/16	N	6.57	136.1	7.33	--	<0.5	1.8	--	--	--	<0.5	--	32	--	<1	0.003 J	0.018 J	0.021	0.00043 J	0.035 J	0.012 J	--	<0.2	<0.2	0.13 J	0.024 J	<0.1	0.0029 J	0.004 J	0.21
BP-37A	04/25/17	N	7.5	143.2	6.97	0.22	--	2.6	--	--	1.1	--	3	--	0.02	--	0.066 J	0.09 J	0.16	0.16	0.22 J	<1	--	<2	<2	0.3 J	<1	<1	<1	<1	0.52
BP-37A	06/20/17	N	0.41	27.8	7	0.05	--	2.3	--	--	0.4	--	11	--	0.02	--	0.02 J	0.021 J	0.041	0.017	0.036 J	0.006 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.042
BP-37A	10/11/17	N	3.86	81.1	7	0	--	2.4	--	--	1.4	--	0	--	0.04	--	0.2	0.26	0.46	0.22	0.02 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.020
BP-37A	04/18/18	N	1.2	96.5	7.17	--	0.061	2.7	--	--	--	<0.5	--	8.5	--	<0.3	0.009 J	0.02 J	0.029	0.036	0.034 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.034

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-37A	06/12/18	N	0.18	124	6.99	--	0.071	2	--	--	--	<0.50	--	7.2	--	<0.30	0.03 J	0.05 J	0.080	0.039	0.02 J	<0.1	--	<0.2	<0.2	<0.2	0.04 J	<0.1	<0.1	<0.1	0.060
BP-37A	09/25/18	N	1.39	189.5	6.55	--	0.0209 J	3	--	--	--	<0.5	--	6.9	--	<0.3	0.036 J	0.042 J	0.078	0.011	0.04 J	<0.1	--	<0.2	<0.2	0.026 J	<0.1	<0.1	<0.1	<0.1	0.066
BP-37A	03/26/19	N	0.55	33.7	6.89	--	0.14	2.3	--	--	--	<0.5	--	8.6	--	<0.3	0.46	0.23	0.69	1.3	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	ND
BP-37A	06/11/19	N	0.47	86.1	6.21	--	0.037 J	2.5	--	--	--	<0.5	--	7.5	--	<0.3	0.29	0.23	0.52	0.78	0.034 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.034
BP-37A	09/17/19	N	3.68	87.2	6.99	--	<0.1	3.1	--	--	--	<0.5	--	8.8	--	<0.3	0.026 J	0.016 J	0.042	0.046	0.035 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.011 J	<0.1	0.046
BP-37A	04/14/20	N	0.37	19.9	6.91	--	0.118	2	--	--	--	<0.5	--	8.6	--	<0.3	0.34	0.17	0.51	0.68	0.068 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0027 J	<0.1	0.071
BP-37A	09/09/20	N	0.78	15.2	8.73	--	0.061	2.5	--	--	--	1.7	--	9.8	--	<2.0	<1	0.57 J	0.57	0.75	0.29 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.29
BP-37A	11/11/20	N	2.67	90.9	6.78	--	<0.050	2	--	--	--	<0.50	--	9.5	--	<2.0	<1	0.51 J	0.51	0.038	0.34 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.34
BP-37A	04/13/21	N	4.23	130.9	6.97	--	<0.1	2.4	--	--	--	<0.5	--	9.8	--	<2	<1	1.2	1.2	0.011	0.24 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
BP-37A	06/29/21	N	3.36	80.1	6.81	--	<0.1	1.7	--	--	--	0.3 J	--	9.1	--	--	0.54 J	<1	0.54	0.15	0.27 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.27
BP-37A	10/13/21	N	0.92	103.7	6.84	--	<0.10	1.4	--	--	--	<0.50	--	9.5	--	<2.0	0.26 J	0.25 J	0.51	0.11	0.3 J	<0.5	--	<0.5	<0.5	0.46 J	<0.5	<0.5	<0.5	<0.5	0.76
BP-37A	11/15/21	N	0.05	94.2	6.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-37A	04/12/22	N	3.04	150.5	6.96	--	<0.10	2.4	--	--	--	<0.50	--	10	--	<2.0	<1	<1	ND	0.0086	0.86	<0.5	--	0.36 J	<0.5	0.61	<0.5	<0.5	<0.5	<0.5	1.8
BP-37A	08/03/22	N	0.47	144.9	6.95	--	<0.10	1.4	--	--	--	0.44 J	--	9.7	--	<2.0	0.45 J	0.48 J	0.93	0.064	0.52	<0.5	--	<0.5	<0.5	0.41 J	<0.5	<0.5	<0.5	<0.5	0.93
BP-37A	10/11/22	N	1.98	79.7	6.86	--	<0.10 HF,F1	2.1	--	--	--	<0.55	--	9.5	--	<2.0	<1	<1	ND	0.022	1.4 J	<5	--	<5	<5	<5	<5	<5	<5	<5	1.4
BP-37A	04/25/23	N	0.75	85.2	6.86	--	<0.10 HF	1.5	--	--	--	<0.55	--	6.6 J	--	<2.0	1.3	0.36 J	1.7	0.14	0.55	<0.5	--	0.06 J	<0.5	0.39 J	<0.5	<0.5	0.053 J	<0.5	1.1
BP-37A	08/08/23	N	0.89	152.3	6.77	--	4.3 HF	37 F1	--	--	--	<0.55	--	<7.5	--	<2.0	<5	1.1 J	1.1	0.468	16.6	2.9 J	<5.0	1.7 J	<5.0	1.3 J	0.85 J	<5.0	5.6	<5.0	29
BP-37A	11/01/23	N	0.73	-144.9	6.74	--	16 HF	34	--	--	--	<0.55	--	<7.5	--	<2.0	1.1 J	<5	1.1	6.3	57.8	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1 J	<5.0	59
BP-37A	04/10/24	N	0.23	-100.3	6.96	--	5.2 HF	3.5	--	--	--	<0.55	--	4.5 J	--	<2.0	5.6	<5	5.6	7.37	<5.0	<5.0	<5.0	<5.0	<5.0	1.6 J	<5.0	<5.0	<5.0	<5.0	1.6
BP-37A	08/14/24	N	0.41	-93.8	6.91	--	4.6 HF	3.4	--	--	--	<0.55	--	5.2 J	--	<2.0	2.1 J	<5	2.1	3.84	0.32 J	<0.50	<0.50	<0.50	<0.50	0.76	<0.50	<0.50	<0.50	<0.50	1.1
BP-37A	11/12/24	N	0.65	-59.3	6.87	--	2.9 HF	3.2	--	--	--	<0.11	--	8.4	--	<2.0	<5 H	0.95 JH	0.95	<0.0100 H	13 H	<0.5 H	16 H	3.8 H	7.2 H	<0.5 H	<0.5 H	<0.5 H	25 H	<0.5 H	65
BP-37A	04/08/25	N	0.3	-41	6.85	--	1.7 HF	3.4	--	--	--	<0.11	--	5.8	--	<2.0	3.57 J	<13	3.6	5.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	08/05/25	N	2.31	-76.9	6.87	--	1.4 HF	3.9	--	--	--	<0.11 *+	--	5.7	--	<2.0	<13	<13	ND	0.165	<0.5	<0.5	<0.5	<0.5	<0.5	0.39 J	<0.5	<0.5	<0.5	<0.5	0.39
BP-38A	05/20/10	N	8.48	432.7	5.84	0.26	--	1.6	19	--	0.9	--	39	--	0.03	--	0.25	0.29	0.54	0.0025	0.076	<0.05	--	<0.05	<0.05	0.013 J	<0.07	<0.15	0.05 J	<0.15	0.14
BP-38A	08/04/10	N	5.4	202.8	7.05	0.39	--	1.3	3.2	--	0.5	--	34	--	0.01	--	0.15	0.16	0.31	0.0018	0.056 J	<0.05	--	<0.05	<0.05	0.043 JM	<0.07	<0.15	0.038 J	<0.15	0.14
BP-38A	08/04/10	FD	--	--	--	--	--	1.3	--	--	--	--	--	--	--	--	0.14	0.16	0.30	0.0023	0.071	<0.05	--	<0.05	<0.05	0.043 JM	<0.07	<0.15	0.037 J	<0.15	0.15
BP-38A	09/22/10	N	1.37	116	7.07	0.18	--	1.2	5.3	--	6.7	--	38	--	0.015	--	0.11	0.21	0.32	0.001	0.08	<0.05	--	<0.05	<0.05	0.28	<0.07	<0.15	0.049 J	<0.15	0.41
BP-38A	11/11/10	N	7.87	167.1	6.77	0.91	--	2.2	21.7	--	2.9	--	47	--	0.147	--	0.1	0.091	0.19	0.0012	0.21 BM	<0.05 M	--	<0.05	<0.05	<0.1 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.21
BP-38A	01/11/11	N	7.26	162	7.01	0.22	--	0.93 J	6.1	--	0.9	--	30	--	0.033	--	0.036	0.061	0.097	0.00027	0.047 J	<0.05	--	<0.05	<0.05	<0.1 B	<0.07	<0.15	<0.05	<0.15	0.047
BP-38A	01/12/11	N	3.71	140.9	6.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-38A	03/21/11	N	4.07	-113.4	6.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-38A	03/23/11	N	4.18	-137.6	6.54	0.29	--	1.7	8.5	--	1.1	--	31	--	0.108	--	0.11	0.1	0.21	0.00074	0.052 J	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.052
BP-38A	05/16/11	N	3.07	223	6.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-38A	05/17/11	N	3.65	160.7	6.79	0.54	--	1.2	4.8	--	1.6	--	40	--	0.048	--	0.056	0.028	0.084	0.0012	0.07 J	<0.05	--	<0.05	<0.05	0.22	<0.07	<0.15	0.076	<0.15	0.37
BP-38A	06/20/11	N	2.57	229.2	7.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-38A	06/21/11	N	2.8	107.7	7.14	0.23	--	1.8	6.1	--	0.9	--	42	--	0.057	--	0.031	0.027	0.058	0.00031	0.073	<0.05	--	<0.05	<0.05	0.37	<0.07	<0.15	<0.05	<0.15	0.44
BP-38A	10/11/11	N	8.45	162.1	5.88	0.14	--	--	16.2	--	0.6	--	27	--	0.036	--	--	--	--	--	0.12	<0.05	--	<0.05	<0.05	0.32	<0.07	<0.15	0.071	<0.15	0.51
BP-38A	12/06/11	N	4.52	173.4	6.09	0.14	--	--	1.9	--	0.6	--	28	--	0.027	--	0.013 J	0.098	0.11	0.00017	<0.07	0.021 J	--	<0.05	<0.05	0.13	<0.07	<0.15	<0.05	<0.15	0.15
BP-38A	03/21/12	N	7.62	157.2	6.24	0.35	--	--	4.4	--	1.1	--	32	--	0.057	--	0.095	0.032	0.13	0.00096	0.023 J	<0.05	--	<0.05	<0.05	0.073 J	<0.07	<0.15	<0.05	<0.15	0.096
BP-38A	09/12/12	N	3.06	32	7.1	0.04	--	--	3.4	5.9	0.2	<0.5	25	34	0.008	--	0.12	0.17	0.29	0.001	<0.07	<0.05	--	0.19	<0.05	0.12	<0.07	<0.15	<0.05	<0.15	0.31
BP-38A	09/12/12	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.038	0.14	0.18	0.00096	0.023 J	<0.05	--	0.077	<0.05	0.13	<0.07	<0.15	<0.05	<0.15	0.23
BP-38A	04/11/13	N	7.32	109.6	6.47	--	--	--	--	--	--	--	--	--	--	--	0.063	0.03	0.093	0.00027	0.037 J	<0.05	--	0.28	<0.05	0.066 J	<0.07	<0.15	<0.05	<0.15	0.38
BP-38A	04/11/13	FD	--	--	--	0.3	--	--	4	--	0.9	--	24	--	0.0055	--	0.054	0.034	0.088	0.0002	0.053 J	<0.05	--	<0.1	<0.05	0.071 J	<0.07	<0.15	<0.05	<0.15	0.12
BP-38A	10/30/13	N	4.18	69.4	7.25	0.22	--	2.3	--	--	0.8	--	36	--	0.034	--	0.011 J	0.013 J	0.024	0.00016	0.027 J	<0.05	--	<0.5	<0.1	0.17	<0.07	<0.15	<0.05	<0.15	0.20
BP-38A	04/15/14	N	3.64	178.4	6.41	0.33	--	1.9	--	--	1.3	--	29	--	0.055	--	0.082	0.023 J	0.11	0.0004	0.067 J	<0.05	--	<0.5	<0.1	<0.1	<0.07	<0.15	0.025 J	<0.15	0.092
BP-38A	06/03/14	N	4.48	227	6.62	0.24	--	1.6	--	--	2.1	--	29	--	--	--	0.03	0.018 J	0.048	0.012	0.023 J	<0.05	--	<0.5	<0.2	0.14	<0.07	<0.15	<0.05	<0.15	0.16
BP-38A	09/10/14	N	1.08	145.9	7.15	0.09	--	0.92 J	--	--	0.8	--	37	--	0.023	--	0.017 J	0.013 J	0.030	0.00082	<0.07	<0.05	--	<0.5	<0.2	0.46	<0.07	<0.15	<0.05	<0.15	0.46
BP-38A	11/19/14	N	3.19	74	7.25	--	0.18 J	1.3	--	5.9	--	0.25 J	--	32	--	<2	0.034	0.093	0.13	0.00076	0.062 J	<0.05	--	<0.5	<0.2	0.26	<0.07	<0.15	<0.05	<0.15	0.32
BP-38A	04/08/15	N	4.93	55.5	6.47	0.02	--	1	--	--	0.8	--	21	--	0.001	--	0.052	0.025 J	0.077	0.0001 J	0.07 JB	<0.05	--	0.089 J	<0.2	0.068 J	<0.07	<0.15	0.045 J	<0.15	0.27
BP-38A	06/23/15	N	2.12	204.8	5.41	0.23	--	0.77 J	--	--	1.7	--	31	--	0.084	--	0.12	0.014 J	0.13	0.00056	0.014 J	0.0011 J	--	<0.5	<0.2	0.012 J	<0.07	<0.15	0.001 J	<0.15	0.028

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-38A	09/22/15	N	2.29	61.2	7.06	0.04	--	<1	--	--	0.6	--	30	--	0.009	--	0.1 J	0.1 J	0.20	0.00066	0.041 J	0.016 J	--	<0.2	<0.2	0.034 J	<0.1	<0.1	<0.1	<0.1	0.091
BP-38A	11/17/15	N	3.39	104	7.05	0.02	--	<1	--	--	1	--	9	--	0.001	--	0.1 J	0.1 J	0.20	0.0005 J	0.037 J	0.0073 J	--	<0.2	<0.2	0.016 J	<0.1	<0.1	0.0029 J	<0.1	0.063
BP-38A	04/12/16	N	6.36	128.4	6.47	0.08	--	1.6	--	--	0.4	--	6	--	0.153	--	0.011 J	0.017 J	0.028	0.00022 J	0.018 J	<0.1	--	<0.2	<0.2	0.046 J	<0.1	<0.1	<0.1	<0.1	0.064
BP-38A	06/21/16	N	3.8	154.8	6.63	0.04	--	0.73 J	--	--	0.7	--	13	--	0.014	--	0.014 J	0.011 J	0.025	0.00024 J	0.012 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.012
BP-38A	09/20/16	N	1.91	111.8	7.22	0	--	<1	--	--	0.3	--	34	--	0.294	--	0.019 J	0.01 J	0.029	0.00072	0.042 J	<0.1	--	<0.2	<0.2	0.015 J	0.021 J	<0.1	<0.1	<0.1	0.078
BP-38A	09/20/16	FD	--	--	--	--	--	0.95 J	--	--	--	--	--	--	--	--	0.018 J	0.014 J	0.032	0.002	0.029 J	<0.1	--	<0.2	<0.2	0.0075 J	0.026 J	<0.1	<0.1	<0.1	0.063
BP-38A	04/25/17	N	3.94	206.6	6.02	0.15	--	1.7	--	--	0.9	--	4	--	0	--	0.005 J	0.013 J	0.018	0.00022 J	0.35 J	<1	--	<2	<2	0.19 J	<1	<1	<1	<1	0.54
BP-38A	06/20/17	N	4.75	209.6	6.36	0.52	--	1.8	--	--	1.5	--	22	--	0.03	--	0.014 J	0.02 J	0.034	0.00025 J	0.04 J	0.0055 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.046
BP-38A	10/10/17	N	2.65	102.6	6.76	0.04	--	0.84 J	--	--	3.8	--	0	--	0	--	0.029 J	0.02 J	0.049	0.00027 J	0.027 J	<0.1	--	<0.2	<0.2	0.032 J	<0.1	<0.1	<0.1	<0.1	0.059
BP-38A	04/17/18	N	1.79	122.9	6	--	<0.05	1.8	--	--	--	<0.5	--	10	--	<0.3	0.02 J	0.034 J	0.054	0.0002 J	0.042 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.042
BP-38A	06/12/18	N	0.45	153.7	6.41	--	0.037 J	1.4	--	--	--	<0.50	--	15.8	--	<0.30	0.2	1.9	2.1	0.051	0.02 J	<0.1	--	<0.2	<0.2	<0.2	0.04 J	<0.1	<0.1	<0.1	0.060
BP-38A	09/25/18	N	3.82	197	5.71	--	0.19	2.4	--	--	--	<0.5	--	15	--	<0.3	4.1	5.6	9.7	0.39	0.036 J	<0.1	--	<0.2	<0.2	0.03 J	<0.1	<0.1	<0.1	<0.1	0.066
BP-38A	03/26/19	N	8.38	180.1	6.2	--	<0.1	1.6	--	--	--	<0.5	--	13.7	--	<0.3	<0.1	<0.1	ND	<0.0005	0.032 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.032
BP-38A	06/11/19	N	4.1	57.2	6.12	--	<0.1	2.7	--	--	--	<0.5	--	10.6	--	<0.3	0.006 J	0.0075 J	0.014	0.0003 J	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	ND
BP-38A	09/17/19	N	0.72	69.2	6.62	--	<0.1	1.5	--	--	--	<0.5	--	24.6	--	<0.3	0.07 J	0.27	0.34	0.0067	0.042 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.016 J	<0.1	0.058
BP-38A	04/14/20	N	7.28	226.4	5.93	--	0.0166 J	1.6	--	--	--	<0.5	--	12.8	--	<0.3	<0.1	0.0097 J	0.0097	0.00086	0.064 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.002 J	<0.1	0.066
BP-38A	09/09/20	N	1.79	172	6.51	--	0.015 J	0.74 J	--	--	--	<0.50	--	26	--	<2.0	<1	<1	ND	0.0045 J	0.33 J	<0.5	--	<0.5	<0.5	0.07 J	<0.5	<0.5	<0.5	<0.5	0.40
BP-38A	11/10/20	N	1.42	134.6	6.86	--	<0.050	0.84 J	--	--	--	<0.50	--	29	--	<2.0	<1	<1	ND	0.0041 J	0.37 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.37
BP-38A	04/13/21	N	1	142.7	6.18	--	<0.1	2.5	--	--	--	<0.5	--	11	--	<2	0.26 J	0.58 J	0.84	0.043	0.21 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.21
BP-38A	06/29/21	N	2.06	136	6.05	--	<0.1	1.5	--	--	--	<0.5	--	15	--	<2	<1	<1	ND	0.0056	0.31 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.31
BP-38A	10/13/21	N	0.35	128.1	6.36	--	<0.10	1.3	--	--	--	0.27 J	--	19	--	<2.0	3.2	<1	3.2	0.56	0.32 J	<0.5	--	<0.5	<0.5	0.74	<0.5	<0.5	0.081 J	<0.5	1.1
BP-38A	11/15/21	N	0.07	23.5	6.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-38A	04/12/22	N	0.63	133.5	5.88	--	<0.10	2.3	--	--	--	<0.50	--	12	--	<2.0	2.1	4.5	6.6	0.81	1.3	<0.5	--	0.18 J	<0.5	1	<0.5	<0.5	<0.5	<0.5	2.5
BP-38A	08/02/22	N	0.31	110.5	6.3	--	<0.10	1.4	--	--	--	0.34 J	--	21	--	<2.0	5.1	12	17	0.84	4.3 J	<5	--	<5	<5	2 J	<5	<5	<5	<5	6.3
BP-38A	10/11/22	N	0.23	106.2	6.55	--	<0.10 HF	1.4	--	--	--	0.33 J	--	23	--	<2.0	1.1	0.76 J	1.9	0.17	2.1 J	0.63 J	--	<5	<5	2.9 J	<5	<5	<5	<5	5.6
BP-38A	04/25/23	N	0.67	-82	6.27	--	7.7 HF	1.7	--	--	--	<0.55	--	8.9 F1	--	<2.0	18	7.2	25	2.4	0.67	<0.5	--	0.066 J	<0.5	0.67	<0.5	<0.5	0.12 J	<0.5	1.5
BP-38A	08/08/23	N	5.85	-10.1	6.12	--	39 HF	150	--	--	--	<0.55	--	<7.5	--	<2.0	<25	<25	ND	0.473	122	22.3	1.2 J	2.5 J	<10.0	1.8 J	6 J	1.2 J	65.9	3.6 J	230
BP-38A	10/31/23	N	1.92	-26.4	6.44	--	73 HF,F1	120	--	--	--	<0.55	--	<7.5	--	<2.0	5.4	4.3 J	9.7	14.1	132	5.7 J	1.6 J	<10.0	<10.0	1.3 J	<10.0	<10.0	23	<10.0	160
BP-38A	10/31/23	FD	--	--	--	--	--	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-38A	04/11/24	N	0.3	-71.1	6.6	--	12 HF	38	--	--	--	<0.55	--	<7.5	--	<2.0	12.7	28.1	41	12.8	54.4	<10.0	<10.0	<10.0	<10.0	4 J	<10.0	<10.0	3 J	<10.0	61
BP-38A	04/11/24	FD	--	--	--	--	--	39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-38A	08/13/24	N	1.34	-86.6	6.68	--	4.5 HF	64	--	--	--	<0.55	--	<7.5	--	<2.0	19.4	4.8 J	24	7.2	86.6	6.4	2.5 J	<2.5	<2.5	3.7	<2.5	0.99 J	29.8	0.84 J	130
BP-38A	08/13/24	FD	--	--	--	--	--	63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-38A	11/12/24	N	0.55	-82.1	6.53	--	9.2 HF	2.6	--	--	--	0.33	--	8.2	--	<2.0	<5 H	<5 H	ND	<0.0100 H	15 H	<0.5 H	9.3 H	<0.5 H	2.9 H	<0.5 H	2.2 H	5.9 H	7.2 H	1.5 H	44
BP-38A	11/12/24	FD	--	--	--	--	--	2.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-38A	04/08/25	N	0.35	-110.5	6.63	--	12 HF	4.4	--	--	--	<0.11	--	1.2 J	--	<2.0	99.4	16.9	120	16.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	08/05/25	N	1.92	-80.9	7.09	--	2.3 HF	2.8	--	--	--	<0.11 *+	--	9.4	--	<2.0	<13	<13	ND	<0.01	<5	<5	<5	<5	<5	5.7	<5	<5	<5	<5	5.7
BP-38A	08/05/25	FD	--	--	--	--	--	2.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-39A	05/20/10	N	9.6	234.7	5.78	0.35	--	2.1	7.4	--	1	--	31	--	0.047	--	0.19	0.11	0.30	0.0014	--	--	--	--	--	--	--	--	--	--	--
BP-39A	09/22/10	N	2.22	198.3	6.54	0.1	--	1.9	33	--	0.5	--	30	--	0.05	--	0.37	0.33	0.70	0.001	0.066 J	<0.05	--	<0.05	<0.05	0.15	<0.07	<0.15	0.046 J	<0.15	0.26
BP-39A	09/22/10	FD	--	--	--	--	--	16	--	--	--	--	--	--	--	--	0.34	0.31	0.65	0.001	0.065 J	<0.05	--	<0.05	<0.05	0.18	<0.07	<0.15	0.04 J	<0.15	0.29
BP-39A	11/11/10	N	3.98	185.5	5.9	0.22	--	3.2	27	--	0.7	--	20	--	0.048	--	0.038	0.096	0.13	0.00037	0.35 BM	<0.05 M	--	<0.05	<0.05	0.18 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.53
BP-39A	01/11/11	N	5.41	165.2	6.17	0.33	--	1.6	3.5	--	0.9	--	19	--	0.038	--	0.051	0.062	0.11	0.00022	0.044 J	<0.05	--	<0.05	<0.05	0.2 B	<0.07	<0.15	0.075	<0.15	0.32
BP-39A	01/11/11	FD	--	--	--	--	--	1.7	--	--	--	--	--	--	--	--	0.054	0.055	0.11	0.00022	0.078	<0.05	--	<0.05	<0.05	0.2 B	<0.07	<0.15	0.084	<0.15	0.36
BP-39A	01/12/11	N	5.57	266.9	5.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-39A	03/21/11	N	4.78	-6	6.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-39A	03/24/11	N	6.61	195	5.79	1.12	--	2	7.3	--	2.5	--	34	--	0.139	--	0.05	0.074	0.12	0.00024	0.093	<0.05	--	<0.05	<0.05	0.29	<0.07	<0.15	0.078	<0.15	0.46
BP-39A	05/16/11	N	3.47	213.5	6.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-39A	05/17/11	N	2.54	189.3	6.01	0.28	--	2	2.2	--	0.9	--	22	--	0.023	--	0.063	0.047	0.11	0.0011	0.07 J	<0.05	--	<0.05	<0.05	0.14	<0.07	<0.15	0.052	<0.15	0.26
BP-39A	06/20/11	N	1.19	7.5	5.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
BP-39A	06/21/11	N	2.38	145.7	5.59	0.69	--	2.7	4.3	--	1.5	--	32	--	0.096	--	0.046	0.039	0.085	0.00026	0.07 J	<0.05	--	<0.05	<0.05	0.12	<0.07	<0.15	<0.05	<0.15	0.19
BP-39A	10/11/11	N	2	169.4	5.66	0.03	--	--	1.8	--	0.3	--	20	--	0.007	--	--	--	--	--	0.11	<0.05	--	<0.05	<0.05	0.18	<0.07	<0.15	0.074	<0.15	0.36
BP-39A	10/11/11	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12	<0.05	--	<0.05	<0.05	0.16	<0.07	<0.15	0.087	<0.15	0.37
BP-39A	12/06/11	N	3.52	178.2	5.81	0.07	--	--	1.6	--	0.4	--	21	--	0.002	--	0.006 J	0.096	0.10	0.000085 J	<0.07	0.021 J	--	<0.05	<0.05	0.072 J	<0.07	<0.15	<0.05	<0.15	0.093
BP-39A	03/21/12	N	4.68	209.1	5.18	0.1	--	--	1.9	--	0.8	--	26	--	0.015	--	0.02 J	0.16	0.18	0.0016	0.026 J	<0.05	--	<0.05	<0.05	0.084 J	<0.07	<0.15	<0.05	<0.15	0.11
BP-39A	09/12/12	N	6.51	189.4	5.95	0.04	--	--	0.7	1.3	0.5	2.7	25	17	0.01	--	0.016 J	0.066	0.082	0.00026	<0.07	<0.05	--	0.022 J	<0.05	<0.1	<0.07	<0.15	<0.05	<0.15	0.022
BP-39A	04/11/13	N	5.15	86	6.01	0.12	--	--	2.3	--	0.6	--	19	--	0.017	--	0.03	0.043	0.073	0.0003	0.042 J	<0.05	--	0.24	<0.05	0.053 J	<0.07	<0.15	<0.05	<0.15	0.34
BP-39A	10/30/13	N	2.04	125	5.91	0.01	--	4.2	--	--	0.2	--	17	--	0.012	--	0.015 J	0.032	0.047	0.00032	0.031 J	<0.05	--	<0.5	<0.1	0.076 J	<0.07	<0.15	<0.05	<0.15	0.11
BP-39A	04/15/14	N	5.62	228.1	5.96	0	--	3.6	--	--	0.9	--	21	--	0.032	--	0.039	0.021 J	0.060	0.0003	0.059 J	<0.05	--	<0.5	<0.1	0.069 J	<0.07	<0.15	0.028 J	<0.15	0.16
BP-39A	06/03/14	N	6.99	215.3	5.94	--	--	2	--	--	0.2	--	15	--	0.007	--	0.04	0.015 J	0.055	0.0004	0.029 J	<0.05	--	<0.5	<0.2	0.058 J	<0.07	<0.15	<0.05	<0.15	0.087
BP-39A	09/10/14	N	5.89	200.3	5.94	0.08	--	1.6	--	--	0.9	--	23	--	0.028	--	0.013 J	0.016 J	0.029	0.00015	0.051 J	<0.05	--	<0.5	<0.2	0.07 J	<0.07	<0.15	<0.05	<0.15	0.12
BP-39A	11/19/14	N	6.76	151.5	5.96	--	<0.5	1.5	--	2.9	--	1.8	--	13	--	<2	0.008 J	0.048	0.056	0.000066 J	0.053 J	<0.05	--	<0.5	<0.2	0.036 J	<0.07	<0.15	0.054	<0.15	0.14
BP-39A	04/08/15	N	8.42	187.9	5.84	0.02	--	2.2	--	--	0.8	--	9	--	0.005	--	0.025 J	0.025 J	0.050	0.00015	0.09 B	0.072	--	<0.5	<0.2	0.067 J	<0.07	<0.15	0.046 J	<0.15	0.28
BP-39A	06/23/15	N	4.12	234.1	5.22	0.5	--	332	--	--	2.1	--	22	--	0.06	--	0.013 J	0.02 J	0.033	0.00025 J	0.02 J	0.02 J	--	<0.5	<0.2	0.01 J	<0.07	<0.15	0.0063 J	<0.15	0.056
BP-39A	09/22/15	N	4.39	245.1	5.74	--	--	0.63 J	--	--	--	--	--	--	--	--	0.1 J	0.1 J	0.20	0.00051	0.048 J	0.018 J	--	<0.2	<0.2	0.012 J	<0.1	<0.1	<0.1	<0.1	0.078
BP-39A	11/17/15	N	5.9	200	5.98	0.04	--	1.4	--	--	1.1	--	20	--	0.007	--	0.1 J	0.1 J	0.20	0.0005 J	0.024 J	0.0063 J	--	<0.2	<0.2	0.012 J	<0.1	<0.1	0.0023 J	<0.1	0.045
BP-39A	04/12/16	N	5.71	177.6	6.25	0.02	--	1.7	--	--	0.3	--	8	--	0.045	--	0.024 J	0.03 J	0.054	0.00014 J	0.015 J	<0.1	--	<0.2	<0.2	0.026 J	<0.1	<0.1	<0.1	<0.1	0.041
BP-39A	06/21/16	N	3.06	158.9	6.15	0.01	--	1.3	--	--	0.7	--	9	--	0.01	--	0.013 J	0.013 J	0.026	0.00014 J	0.02 J	<0.1	--	<0.2	<0.2	0.016 J	<0.1	<0.1	<0.1	<0.1	0.036
BP-39A	09/20/16	N	5.37	131.1	6.03	0.11	--	1.7	--	--	1.7	--	45	--	0.082	--	0.022 J	0.023 J	0.045	0.00058	0.04 J	0.0098 J	--	<0.2	<0.2	0.013 J	0.032 J	<0.1	<0.1	<0.1	0.095
BP-39A	04/25/17	N	4.51	224	5.42	0	--	2.1	--	--	1.9	--	3	--	0	--	0.043 J	0.018 J	0.061	0.00013 J	0.39 J	0.12 J	--	<2	<2	0.12 J	0.12 J	<1	<1	<1	0.75
BP-39A	06/20/17	N	1.79	125.8	5.94	0.08	--	1.9	--	--	0.3	--	11	--	0.2	--	0.034 J	0.018 J	0.052	0.00022 J	0.037 J	<0.1	--	<0.2	<0.2	0.017 J	<0.1	<0.1	<0.1	<0.1	0.054
BP-39A	10/10/17	N	1.11	106.5	5.88	0.01	--	2.1	--	--	0.7	--	6	--	0.06	--	0.11	0.23	0.34	0.0019	0.021 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.021
BP-39A	04/17/18	N	2.18	135.6	5.9	--	0.56	2.2	--	--	--	<0.5	--	12.3	--	<0.3	0.026 J	0.029 J	0.055	0.00014 J	0.056 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.056
BP-39A	06/12/18	N	0.33	153.1	6.01	--	0.099	2	--	--	--	<0.50	--	11.6	--	<0.30	0.26	1	1.3	0.032	0.03 J	<0.1	--	<0.2	<0.2	<0.2	0.05 J	<0.1	<0.1	<0.1	0.080
BP-39A	09/25/18	N	1.24	175.1	5.84	--	0.0872 J	2.3	--	--	--	<0.5	--	8.8	--	<0.3	0.42	0.56	0.98	0.0044	<0.1	<0.1	--	<0.2	<0.2	0.064 J	<0.1	<0.1	<0.1	<0.1	0.064
BP-39A	03/26/19	N	0.79	174.7	5.96	--	0.0218 J	1.5	--	--	--	<0.5	--	13.3	--	<0.3	0.13	0.035 J	0.17	0.019	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	ND
BP-39A	06/11/19	N	0.94	80	5.8	--	<0.1	2	--	--	--	<0.5	--	10.2	--	<0.3	0.67	2.7	3.4	0.21	0.079 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.079
BP-39A	09/17/19	N	0.65	76	5.82	--	0.0199 J	2.2	--	--	--	<0.5	--	11.1	--	<0.3	0.24	0.14	0.38	0.037	0.03 J	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.014 J	<0.1	0.044
BP-39A	10/08/19	N	7.48	99.6	5.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-39A	04/15/20	N	9.84	220.8	6.25	--	<0.1	1.8	--	--	--	<0.5	--	12.5	--	<0.3	0.23	0.46	0.69	0.024	<0.1	<0.1	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.0021 J	<0.1	0.0021
BP-39A	09/10/20	N	1.84	62.1	6.87	--	<0.050	1.7	--	--	--	0.47 J	--	13	--	0.95 J	<1	0.32 J	0.32	0.0068	0.32 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.32
BP-39A	11/10/20	N	5.18	185.9	6.16	--	<0.050	1.6	--	--	--	1.1	--	13	--	<2.0	<1	<1	ND	0.0048 J	0.55	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.55
BP-39A	04/14/21	N	3.31	216.7	6.22	--	<0.1	2.3	--	--	--	<0.5	--	11	--	<2	<1	<1	ND	0.0037 J	0.21 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.21
BP-39A	06/30/21	N	0.22	176.1	4.91	--	<0.1	1.8	--	--	--	<0.5	--	11	--	<2	2.9	3.5	6.4	0.48	0.48 J	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.48
BP-39A	10/13/21	N	2.1	-91.2	5.86	--	<0.10	1.3	--	--	--	<0.50	--	9.6	--	<2.0	<1	<1	ND	<0.005	0.27 J	<0.5	--	<0.5	<0.5	0.46 J	<0.5	<0.5	0.056 J	<0.5	0.79
BP-39A	04/12/22	N	2.42	196.7	5.98	--	<0.10	2.4	--	--	--	<0.50	--	9.2	--	<2.0	0.36 J	<1	0.36	<0.005	0.56	<0.5	--	0.22 J	<0.5	0.72	<0.5	<0.5	<0.5	<0.5	1.5
BP-39A	08/02/22	N	0.38	113	6.01	--	<0.10	1.6	--	--	--	2.1	--	9.1	--	<2.0	6.4	3.1	9.5	0.89	0.54	<0.5	--	<0.5	<0.5	0.64	<0.5	<0.5	<0.5	<0.5	1.2
BP-39A	10/11/22	N	2.56	116.5	5.76	--	<0.10 HF	1.8	--	--	--	0.28 J	--	9.2	--	0.94 J	<1	<1	ND	0.0083	2.3 J	0.7 J	--	<5	<5	<5	<5	<5	<5	<5	3.0
BP-39A	04/25/23	N	0.92	218.9	6.28	--	<0.10 HF	1.5 F1	--	--	--	<0.55	--	10	--	<2.0	14	14	28	1.8	0.69	<0.5	--	0.098 J	<0.5	0.62	<0.5	<0.5	0.086 J	<0.5	1.5
BP-39A	08/08/23	N	7.28	159.3	6.36	--	0.26 HF	59	--	--	--	<0.55	--	<7.5 F1	--	<2.0	<25	<25	ND	<0.0500	4.1	0.091 J	0.24 J	0.48 J	<0.50	1.5	0.17 J	<0.50	0.45 J	<0.50	7.0
BP-39A	10/31/23	N	3.49	-110.3	6.44	--	22 HF	22	--	--	--	<0.55	--	<7.5	--	<2.0	3.9 J	8.4	12	5.6	16.1	0.81 J	<2.5	<2.5	<2.5	1.1 J	<2.5	<2.5	0.36 J	<2.5	18
BP-39A	04/09/24	N	0.68	-61.2	6.26	--	11 HF	7.6	--	--	--	<0.55	--	<7.5	--	<2.0	4.4 J	2.2 J	6.6	3.7	6.6	<5.0	<5.0	<5.0	<5.0	1.7 J	<5.0	<5.0	<5.0	<5.0	8.3
BP-39A	08/13/24	N	1.51	-89.4	6.09	--	5.7 HF	5.7	--	--	--	<0.55 F1	--	3.2 J,F1	--	<2.0	4.6 J	1.2 J	5.8	2.71	1.8	<0.50	<0.50	<0.50	<0.50	0.76	<0.50	<0.50	<0.50	<0.50	2.6
BP-39A	11/12/24	N	0.84	-69.7	6.3	--	3.6 HF	2.8	--	--	--	<0.11	--	14	--	<2.0	<5 H	<5 H	ND	<0.0100 H	<0.5 H	<0.5 H	2.7 H	1.9 H	<0.5 H	<0.5 H	2.6 H	<0.5 H	16 H	<0.5 H	23
BP-39A	04/08/25	N	1	-40.9	6.3	--	2.7 HF	3.3	--	--	--	<0.11	--	7.8	--	<2.0	<13	<13	ND	0.106	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	08/05/25	N	0.88	-20.6	6.22	--	2.8 HF	3.7	--	--	--	<0.11 *+	--	4.3	--	<2.0	<13	<13	ND	0.0296	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.30
BP-40A	05/20/10	N	10.59	195.4	5.93	0.16	--	1.9	3.9	--	0.9	--	31	--	0.018	--	0.073	0.08	0.15	0.00059	--	--	--	--	--	--	--	--	--	--	--
BP-40A	11/11/10	N	6.33	185.7	5.8	0.1	--	2.4	8	--	0.6	--	20	--	0.01	--	0.028	0.043	0.071	0.00032	0.18 BM	<0.05 M	--	<0.05	<0.05	<0.1 M	<0.07 M	<0.15 M	<0.05 M	<0.15 M	0.18
BP-40A	01/11/11	N	9.75	172.8	6.92	--	--	1.6	--	--	--	--	--	--	--	--	0.025 J	0.061	0.086	0.00044	0.033 J	<0.05	--	<0.05	<0.05	<0.1 B	<0.07	<0.15	0.068	<0.15	0.10
BP-40A	01/13/11	N	10.65	-76.1	6.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-40A	03/21/11	N	6.74	182.2	5.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-40A	03/24/11	N	7.32	196.5	5.87	0.12	--	2.1	1.6	--	0.5	--	19	--	0.016	--	0.013 J	0.017 J	0.030	0.00023	0.056 J	<0.05	--	<0.05	<0.05	0.2	<0.07	<0.15	0.071	<0.15	0.33
BP-40A	05/16/11	N	4.66	-185.5	<15.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-40A	05/17/11	N	4.77	185.9	5.79	0.11	--	2.2	1.8	--	0.5	--	23	--	0.004	--	0.025 J	0.03	0.055	0.00021	0.07 J	<0.05	--	<0.05	<0.05	0.13	<0.07	<0.15	0.083	<0.15	0.28
BP-40A	06/20/11	N	4.2	172.6	6.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-40A	06/21/11	N	4.5	166.7	5.92	--	--	3.4	--	--	--	--	--	--	--	--	0.04	0.066	0.11	0.00042	0.07 J	<0.05	--	<0.05	<0.05	0.22	<0.07	<0.15	<0.05	<0.15	0.29
BP-40A	10/11/11	N	3.27	160.5	5.68	0.31	--	--	2.2	--	1.1	--	27	--	0.049	--	--	--	--	--	0.12	<0.05	--	<0.05	<0.05	0.34	<0.07	<0.15	0.079	<0.15	0.54
BP-40A	12/06/11	N	4.46	181.8	5.77	0.03	--	--	2.1	--	0.4	--	21	--	0.004	--	0.007 J	0.097	0.10	0.000068 J	<0.07	0.021 J	--	<0.05	<0.05	0.043 J	<0.07	<0.15	<0.05	<0.15	0.064
BP-40A	03/21/12	N	5.78	240.4	5.09	0.1	--	--	1.3	--	0.6	--	27	--	0.017	--	0.014 J	0.038	0.052	0.00011	0.0084 J	<0.05	--	<0.05	<0.05	0.16	<0.07	<0.15	<0.05	<0.15	0.17
BP-40A	09/12/12	N	8.1	189.8	5.98	0	--	--	0.9	1.3	0.6	2.7	15	17	0.009	--	0.11	0.11	0.22	0.0012	0.014 J	<0.05	--	0.045 J	<0.05	0.079 J	<0.07	<0.15	<0.05	<0.15	0.14
BP-40A	04/11/13	N	7.44	117.7	5.67	0.19	--	--	1.4	--	1	--	18	--	0.004	--	0.01 J	0.018 J	0.028	0.00024	<0.07	<0.05	--	<0.1	<0.05	0.098 J	<0.07	<0.15	<0.05	<0.15	0.098
BP-41A	10/11/22	N	0.67	16.3	6.4	--	0.15 HF	2.4	--	--	--	<0.55	--	17	--	<2.0	0.92 J	0.57 J	1.5	0.049	1.9 J	0.64 J	--	<5	<5	<5	<5	<5	<5	<5	2.5
BP-41A	04/25/23	N	0.36	-30.3	6.6	--	0.1 HF	1.4	--	--	--	<0.55	--	15	--	<2.0	10	5.6	16	0.83	2.9 J	<5	--	<5	<5	1 J	<5	<5	0.74 J	<5	4.6
BP-41A	08/08/23	N	0.54	-92	6.21	--	5.5 HF	35	--	--	--	<0.55	--	5.4 J,F1	--	<2.0	7.7	4.5 J	12	1.64	26.4	1.3 J	0.56 J	<5.0	<5.0	2 J	<5.0	<5.0	1 J	<5.0	31
BP-41A	10/31/23	N	0.48	-129.9	6.47	--	6.9 HF	22	--	--	--	<0.55	--	3.7 J	--	<2.0	7.6	<5	7.6	2.64	13	<2.5	<2.5	<2.5	<2.5	1.2 J	<2.5	<2.5	<2.5	<2.5	14
BP-41A	04/10/24	N	0.21	-94.8	6.16	--	2.6 HF	7.6	--	--	--	<0.55	--	5.7 J	--	<2.0	5.8	2.2 J	8.0	1.42	0.16 J	<0.50	<0.50	<0.50	<0.50	0.81	<0.50	<0.50	<0.50	<0.50	0.97
BP-41A	08/13/24	N	1.75	-74.5	6.3	--	4.1 HF	7.3	--	--	--	<0.55	--	6.1 J	--	<2.0	10.4	1.1 J	12	3.69	0.29 J	0.094 J	0.14 J	<0.50	<0.50	1.1	<0.50	<0.50	0.21 J	0.15 J	2.0
BP-41A	11/12/24	N	1.23	-41.5	6.37	--	2.6 HF	3.3	--	--	--	<0.11	--	13	--	<2.0	<5 H	<5 H	ND	<0.0100 H	16 H	4.1 H	9.8 H	<0.5 H	<0.5 H	<0.5 H	4.6 H	<0.5 H	5 H	2.8 H	42
BP-41A	04/08/25	N	0.33	25.9	6.33	--	0.2 HF	4.2	--	--	--	0.053 J	--	12 F1	--	<2.0	<13	<13	ND	<0.01	<0.5	<0.5	<0.5	<0.5	<0.5	0.13 I	<0.5	<0.5	<0.5	<0.5	0.13
BP-41A	08/05/25	N	0.46	-41.3	6.36	--	11 HF	43	--	--	--	<0.11 F1,*+	--	1 J	--	<2.0	4.05 J	4.3 J	8.4	0.922	37	<5	<5	22	<5	<5	<5	2.1 J	<5	<5	61
BP-42AS	10/11/22	N	7.46	68.6	6.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AS	04/25/23	N	7.25	196.5	6.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AS	08/08/23	N	0.51	-49.1	6.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AS	10/31/23	N	0.24	-134.3	6.85	--	0.98 HF	11	--	--	--	<0.55	--	19	--	<2.0	<5	1.7 J	1.7	0.256	<2.5	<2.5	<2.5	<2.5	<2.5	0.84 J	<2.5	<2.5	<2.5	<2.5	0.84
BP-42AS	04/10/24	N	1.18	33.7	6.93	--	0.51 HF	3.8	--	--	--	<0.11	--	1.4 J	--	<2.0	2.1 J	3.8 J	5.9	2.55	<0.50	<0.50	<0.50	<0.50	<0.50	0.77	<0.50	<0.50	<0.50	<0.50	0.77
BP-42AS	08/13/24	N	1.28	-61	6.57	--	0.4 HF	4.6	--	--	--	<0.55	--	17	--	<2.0	3.6 J	12.5	16	1.83	0.17 J	<0.50	<0.50	<0.50	<0.50	0.93	<0.50	<0.50	0.1 J	<0.50	1.2
BP-42AS	11/13/24	N	1.36	-63.2	6.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AS	04/08/25	N	0.65	105.7	6.83	--	0.11 HF	3.2	--	--	--	<0.11	--	8.2	--	<2.0	4.5 J	3.71 J	8.2	2.02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-42AS	08/05/25	N	0.44	-90.9	6.66	--	--	16	--	--	--	--	--	--	--	--	<13	<13	ND	0.695	--	--	--	--	--	--	--	--	--	--	--
BP-42AI	10/11/22	N	6.09	58.6	7.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AI	04/25/23	N	4.8	187.6	7.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AI	08/08/23	N	0.43	-111.5	6.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AI	10/31/23	N	0.14	-74.5	7.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AI	04/10/24	N	0.58	87.2	7.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AI	08/13/24	N	0.3	-55.3	7.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AI	11/13/24	N	0.44	-61.1	7.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AI	04/08/25	N	1.51	111.1	7.57	--	--	1.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AI	08/05/25	N	0.38	-119.8	7.32	--	--	2.3	--	--	--	--	--	--	--	--	<13	<13	ND	<0.01	--	--	--	--	--	--	--	--	--	--	--
BP-42AD	10/11/22	N	2.07	23.7	7.21	--	<0.10 HF	1.7	--	--	--	<0.55	--	23	--	<2.0	5.4	14	19	2.1	2 J	<5	--	<5	<5	2 J	<5	<5	<5	<5	4.0
BP-42AD	10/14/22	N	1.63	86.5	7.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AD	04/25/23	N	0.34	184.4	7.35	--	<0.10 HF	1.9	--	--	--	<0.55	--	22	--	<2.0	3.2	1.2	4.4	0.33	1.7 J	<2.5	--	<2.5	<2.5	0.84 J	<2.5	<2.5	0.34 J	<2.5	2.9
BP-42AD	08/08/23	N	0.42	-116.5	6.55	--	1.9 HF	23	--	--	--	<0.55	--	4.7 J	--	<2.0	<25	<25	ND	0.238	32.4	0.78 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	3.1 J	<5.0	36
BP-42AD	10/31/23	N	0.49	-134.2	7.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AD	04/10/24	N	0.24	-142.9	7.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AD	08/13/24	N	0.35	-108.9	7.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-42AD	11/13/24	N	2.67	-107.5	7.36	--	2 HF	2.3	--	--	--	<0.11	--	17	--	<2.0	<5 H	<5 H	ND	0.0487 H	17 H	<0.5 H	7.7 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	7.1 H	11 H	3.7 H	47
BP-42AD	08/05/25	N	1.55	-111	7.34	--	0.65 HF	2	--	--	--	<0.11 *+	--	18	--	<2.0	<13	<13	ND	0.831	<0.5	<0.5	8.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.1
BP-43AS	10/11/22	N	6.39	70	6.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-43AS	04/25/23	N	5.37	193.4	6.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-43AS	08/08/23	N	1.01	27	5.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-43AS	10/31/23	N	0.16	-26.6	6.36	--	1 HF	27	--	--	--	<0.55	--	35	--	<2.0	15.8	153	170	2.39	1.5 J	<2.5	<2.5	0.33 J	<2.5	0.93 J	<2.5	<2.5	0.38 J	<2.5	3.1
BP-43AS	04/10/24	N	1.9	24.8	6.67	--	0.87 HF	5.4	--	--	--	<0.55	--	23	--	<2.0	18.4	243	260	4.95	<0.50	<0.50	<0.50	<0.50	<0.50	0.84	<0.50	<0.50	<0.50	<0.50	0.84
BP-43AS	08/13/24	N	1.53	-28.3	6.58	--	2.3 HF	7.7	--	--	--	<0.55	--	31	--	<2.0	14.4	127	140	1.23	0.17 J	0.43 J	<0.50	<0.50	<0.50	0.97	<0.50	<0.50	0.39 J	0.13 J	2.1
BP-43AS	11/13/24	N	1.48	-25.5	6.33	--	5.8 HF	2.9	--	--	--	<0.11	--	34	--	<2.0	<5 H	<5 H	ND	0.0171 H	<0.5 H	<0.5 H	2.7 H	5.2 H	<0.5 H	<0.5 H	5.8 H	7.9 H	11 H	<0.5 H	33
BP-43AS	04/08/25	N	0.28	-101	6.77	--	7.2 HF	3.5	--	--	--	<0.11	--	13	--	<2.0	22.2	58.1	80	1.95	<0.5	<0.5	<0.5	<0.5	<0.5	0.16 I	<0.5	<0.5	<0.5	<0.5	0.16
BP-43AS	08/05/25	N	1.5	-76.9	6.4	--	22 HF	3.4	--	--	--	<0.11 *+	--	44	--	<2.0	<13	<13	ND	<0.01	--	--	--	--	--	--	--	--	--	--	--
BP-43AI	10/11/22	N	2.7	42.4	7.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-43AI	10/14/22	N	2.64	85.9	7.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-43AI	04/25/23	N	2.03	169.1	7.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-43AI	08/08/23	N	0.48	-132	6.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-43AI	10/31/23	N	0.18	-136.2	7.52	--	0.22 HF	1.8	--	--	--	<0.55	--	26	--	<2.0	<5	<5	ND	0.0251	<2.5	<2.5	<2.5	<2.5	<2.5	1.2 J	<2.5	<2.5	<2.5	<2.5	1.2
BP-43AI	04/10/24	N	0.42	38	7.64	--	<0.10 HF	1.4	--	--	--	<0.55	--	19	--	<2.0	1.1 J	<5	1.1	1.77	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	<0.50	<0.50	1.2
BP-43AI	08/13/24	N	0.25	-111.9	7.61	--	<0.10 HF	1.5	--	--	--	<0.55	--	23	--	<2.0	9.3	<5	9.3	4.14	0.13 J	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	0.063 J	<0.50	1.6
BP-43AI	11/13/24	N	2.47	-82.5	7.31	--	0.16 HF	1.5	--	--	--	<0.11	--	28	--	<2.0	<5 H	<5 H	ND	0.0101 H	26 H	<0.5 H	21 H	9.8 H	<0.5 H	<0.5 H	2.2 H	6 H	9 H	3.3 H	77
BP-43AI	04/08/25	N	0.65	3.1	8	--	--	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-43AI	08/05/25	N	0.42	-108.7	7.48	--	--	1.5	--	--	--	--	--	--	--	--	<13	<13	ND	0.701	--	--	--	--	--	--	--	--	--	--	--
BP-43AD	10/11/22	N	5.93	80.2	7.13	--	<0.10 HF	3.1	--	--	--	<0.55	--	48	--	<2.0	<1	<1	ND	0.0035 J	2 J	0.64 J	--	<5	<5	1.8 J	<5	<5	<5	<5	4.4
BP-43AD	04/25/23	N	6.23	171.3	7.42	--	<0.10 HF	2.2	--	--	--	<0.55	--	56	--	<2.0	1.2	0.72 J	1.9	<0.005	2.8 J	<5	--	0.58 J	<5	2 J	<5	<5	0.64 J	<5	6.0
BP-43AD	08/08/23	N	0.38	-158.2	6.79	--	0.34 HF	7.1	--	--	--	<0.55	--	38	--	<2.0	<5	<5	ND	0.0098 J	3.9 J	<5.0	<5.0	<5.0	<5.0	1.7 J	<5.0	<5.0	<5.0	<5.0	5.6
BP-43AD	10/31/23	N	0.21	-121	7.31	--	1.2 HF	3	--	--	--	<0.55	--	33	--	<2.0	<5	<5	ND	0.0679	<2.5	<2.5	<2.5	<2.5	<2.5	0.89 J	<2.5	<2.5	<2.5	<2.5	0.89
BP-43AD	04/10/24	N	3.37	110.2	7.51	--	<0.10 HF	2	--	--	--	0.8	--	37	--	<2.0	<5	<5	ND	<0.0100	<0.50	<0.50	<0.50	<0.50	<0.50	0.94	<0.50	<0.50	<0.50	<0.50	0.94
BP-43AD	08/13/24	N	0.33	20	7.41	--	0.058 J,HF	1.7	--	--	--	<0.55	--	39	--	<2.0	<5	<5	ND	0.0068 J	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	<0.50	<0.50	1.2
BP-43AD	11/13/24	N	2.54	-70.5	7.32	--	0.63 HF,F1	2.3	--	--	--	<0.11	--	37	--	<2.0	<5 H	<5 H	ND	0.0071 JH	10 H	<0.5 H	1.9 H	5.9 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	10 H	4.4 H	32
BP-43AD	08/05/25	N	0.86	-155.3	7.38	--	0.42 HF	3.5	--	--	--	<0.11 *+	--	26	--	<2.0	<13	<13	ND	0.0529	<0.5	<0.5	<0.5	<0.5	<0.5	0.62	<0.5	<0.5	<0.5	<0.5	0.62
BP-44AS	10/12/22	N	5.59	113.4	6.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AS	04/26/23	N	4.49	204.7	6.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AS	08/09/23	N	0.75	-9.4	5.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AS	10/31/23	N	4.34	89.6	6.38	--	<0.10 HF	3.7	--	--	--	<0.55 H	--	22	--	<2.0	<5	<5	ND	0.0322	<2.5	<2.5	<2.5	<2.5	<2.5	0.82 J	<2.5	<2.5	<2.5	<2.5	0.82
BP-44AS	04/11/24	N	0.48	56.3	6.33	--	0.55 HF	2.7	--	--	--	<0.55	--	15	--	<2.0	14.6	105	120	5	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<0.50	<0.50	<0.50	<0.50	0.87
BP-44AS	08/13/24	N	1.74	63.1	6.23	--	0.17 HF	2.1	--	--	--	<0.55	--	15	--	<2.0	3.9 J	61.7	66	0.924	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<0.50	<0.50	<0.50	1.3
BP-44AS	11/11/24	N	0.88	-32.5	6.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AS	04/08/25	N	0.38	-110.5	6.53	--	2 HF	3.1	--	--	--	<0.11	--	16	--	<2.0	21.8	1,060	1,100	5.36	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-44AS	08/06/25	N	1.35	-57.5	6.25	--	--	3.1	--	--	--	--	--	--	--	--	4.32 J	76.3	81	0.011	--	--	--	--	--	--	--	--	--	--	--
BP-44AI	10/12/22	N	6.18	88.6	7.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AI	04/26/23	N	5.89	185.9	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AI	08/09/23	N	3.36	40.6	6.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AI	10/31/23	N	0.17	-61.2	7.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AI	04/11/24	N	3.81	61.3	7.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AI	08/14/24	N	0.49	51.2	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AI	11/12/24	N	0.58	80.7	7.23	--	<0.10 HF	1.5	--	--	--	<0.11	--	44	--	<2.0	<5 H	<5 H	ND	<0.0100 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	8.5 H	3.2 H	12
BP-44AI	04/08/25	N	0.31	16.5	7.7	--	--	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AI	08/07/25	N	0.45	-91.6	7.5	--	0.23 HF	2.4	--	--	--	<0.11	--	23	--	<2.0	<13	<13	ND	0.0545	<0.5	<0.5	<0.5	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	1.5
BP-44AD	10/12/22	N	4.27	70.7	6.53	--	0.15	9.1	--	--	--	<0.55	--	37	--	<2.0	2.4	4.7	7.1	0.039	2.7 J	<5	--	<5	<5	2.4 J	<5	<5	<5	<5	5.1
BP-44AD	04/26/23	N	3.28	178.9	7.31	--	<0.10 HF	2.9	--	--	--	0.62	--	43	--	<2.0	1.4	0.6 J	2.0	<0.005	2.3 J	<5	--	<5	<5	1.1 J	<5	<5	0.61 J	<5	4.0
BP-44AD	08/09/23	N	0.4	-133.6	6.7	--	0.51 HF	3.4	--	--	--	<0.55	--	18	--	<2.0	<5	<5	ND	0.187	<2.5	<2.5	<2.5	<2.5	<2.5	1.3 J	<2.5	<2.5	<2.5	<2.5	1.3
BP-44AD	10/31/23	N	0.12	-133.6	7.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AD	04/11/24	N	0.24	-8.4	7.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AD	08/14/24	N	0.31	-103.3	7.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AD	11/12/24	N	0.24	-124.8	7.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-44AD	08/07/25	N	0.41	-137.6	7.39	--	--	11	--	--	--	--	--	--	--	--	<13	<13	ND	0.398	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
BP-45AS	10/12/22	N	6.09	118.1	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AS	04/26/23	N	8.37	171.9	6.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AS	08/09/23	N	3.74	138.2	6.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AS	10/31/23	N	--	--	--	--	0.14 HF	--	--	--	--	<0.55	--	18	--	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AS	11/01/23	N	2.29	-11.1	6.22	--	--	2.7	--	--	--	--	--	--	--	--	<5	<5	ND	0.0053 J	0.87	0.12 J	<0.50	<0.50	<0.50	0.58	<0.50	<0.50	0.52	<0.50	2.1
BP-45AS	04/11/24	N	6.62	94.3	6.64	--	<0.10 HF	1.7	--	--	--	<0.55	--	11	--	<2.0	1 J	1.1 J	2.1	0.204	<0.50	<0.50	<0.50	<0.50	<0.50	0.77	<0.50	<0.50	<0.50	<0.50	0.77
BP-45AS	08/14/24	N	4.54	59.5	6.48	--	<0.10 HF	1.1	--	--	--	<0.55	--	16	--	<2.0	<5	<5	ND	0.0097 J	<0.50	<0.50	<0.50	<0.50	<0.50	0.97	<0.50	<0.50	<0.50	<0.50	0.97
BP-45AS	04/08/25	N	8.07	158.9	6.65	--	<0.10 HF	1.5	--	--	--	<0.11	--	12	--	<2.0	<13	<13	ND	0.109	0.24 I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
BP-45AS	08/07/25	N	--	--	--	--	--	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AI	10/12/22	N	6.51	113.6	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AI	04/26/23	N	6.85	160.4	7.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AI	08/09/23	N	0.41	-63	6.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AI	10/31/23	N	0.18	-93	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AI	04/11/24	N	3.13	84.4	7.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AI	08/14/24	N	0.35	9.1	7.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AI	11/12/24	N	0.56	-18.1	7.32	--	<0.10 HF	1.1	--	--	--	<0.11	--	18	--	<2.0	<5 H	<5 H	ND	<0.0100 H	<0.5 H	<0.5 H	0.89 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	1.4 H	8.9 H	1.1 H	12
BP-45AI	04/08/25	N	0.34	59.2	7.75	--	--	0.96 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AI	08/07/25	N	0.32	-101.6	7.56	--	0.11 HF	0.65 J	--	--	--	<0.11	--	15	--	<2.0	<13	<13	ND	0.133	<0.5	<0.5	<0.5	<0.5	<0.5	0.51	<0.5	<0.5	<0.5	<0.5	0.51
BP-45AD	10/12/22	N	6.19	118.7	7.38	--	<0.10	4	--	--	--	0.26 J	--	45	--	<2.0	0.54 J	<1	0.54	0.019	1.9 J	<5	--	0.29 J	<2.5	0.92 J	<2.5	<2.5	0.31 J	<2.5	2.9
BP-45AD	04/26/23	N	6.22	153	7.59	--	<0.10 HF	1.3	--	--	--	0.61	--	43	--	<2.0	1.7	0.7 J	2.4	<0.005	1.4 J	<2.5	<2.5	<2.5	<2.5	1.6 J	<2.5	<2.5	<2.5	<2.5	1.6
BP-45AD	08/09/23	N	0.39	-117.7	6.9	--	0.094 J,HF	3.4	--	--	--	<0.55	--	39	--	<2.0	<5	<5	ND	<0.0100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
BP-45AD	10/31/23	N	0.14	-117.1	7.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AD	04/11/24	N	3.25	101	7.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AD	08/14/24	N	0.47	38.2	7.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AD	11/12/24	N	3.76	49.8	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BP-45AD	08/07/25	N	0.39	-196.7	7.6	--	--	4.1	--	--	--	--	--	--	--	--	<13	<13	ND	0.0192	--	--	--	--	--	--	--	--	--	--	--
C-1	10/12/22	N	1.06	-145.1	6.36	--	11	11	--	--	--	<0.55	--	<7.5	--	<2.0	1.4	0.52 J	1.9	6	2.1 J	<5	--	<5	<5	2 J	<5	<5	<5	<5	4.1
C-1	04/26/23	N	0.96	-42.5	6.41	--	8.7 HF	8.1	--	--	--	<0.55	--	15	--	<2.0	3.5	1.3	4.8	0.74	0.74	<0.5	--	<0.5	<0.5	0.62	<0.5	<0.5	0.1 J	<0.5	1.5
C-1	08/09/23	N	0.73	104.6	6.05	--	30 HF	440	--	--	--	<0.55	--	<7.5	--	<2.0	<25	<25	ND	2.58	233	46.4	6.7 J	<25.0	<25.0	<25.0	17.5 J	5.2 J	416	19.7 J	740
C-1	11/01/23	N	0.41	-110.9	6.54	--	--	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-1	04/11/24	N	0.79	-89.3	6.42	--	--	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-1	08/15/24	N	0.37	-94.8	6.38	--	--	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-1	11/13/24	N	--	-48.8	6.36	--	--	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-1	08/07/25	N	0.35	-60.6	6.42	--	--	14	--	--	--	--	--	--	--	--	<13	<13	ND	0.0761	--	--	--	--	--	--	--	--	--	--	--
C-2	10/13/22	N	0.38	-4	7.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-2	04/27/23	N	0.7	68.3	7.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-2	08/10/23	N	0.26	-52.9	5.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-2	11/01/23	N	0.29	3.5	5.33	--	110 HF	2,700	--	--	--	<0.55	--	7.1 J	--	<2.0	1.7 J	7.2	8.9	0.1	2,120	226 J	<250	<250	<250	<250	159 J	<250	1,630	<250	4,100
C-2	04/10/24	N	1.9	-25.2	5.87	--	37 HF	1,100	--	--	--	<0.55	--	<7.5	--	<8.0	10.9	3,430	3,400	8.31	617	79.8	16.6 J	40.3	<25.0	6.6 J	76.2	19.1 J	373	73.4	1,300
C-2	08/15/24	N	0.47	-42	5.87	--	31 HF	1,200	--	--	--	<0.55	--	<7.5	--	<2.0	17.1 J	2,190	2,200	2.53	1,000	144	<125	<125	<125	<125	102 J	<125	579	92.4 J	1,900
C-2	08/15/24	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<250	3,600	3,600	4.73	794	118	<100	<100	<100	<100	82.3 J	27.4 J	455	85.9 J	1,600
C-2	11/13/24	N	--	-14	5.85	--	38 HF	640	--	--	--	0.32	--	<1.5	--	<20	20.2 H	4,230 H	4,300	2.66 H	280 H	1,900 H	430 H	16 H	190 H	<0.5 H	140 H	210 H	290 H	<0.5 H	3,500
C-2	04/09/25	N	0.13	-79.7	6.77	--	44 HF,F1	800	--	--	--	0.36	--	<1.5	--	<2.0	55.6	7,530	7,600	14.7	910	140	28	360	<0.5	<0.5	110	150	250	3.7	2,000
C-2	08/06/25	N	0.29	-85	6.31	--	49 HF	900	--	--	--	<0.11	--	2.2	--	<2.0	18	4,050	4,100	3.19	860	96	<25	130	<25	9.1 J	61	110	160	<25	1,400
C-3	10/14/22	N	0.42	96.5	7.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-3	04/27/23	N	0.71	24.8	7.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-3	08/10/23	N	0.23	-43.5	5.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-3	11/02/23	N	0.44	19.8	5.22	--	--	2,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-3	04/11/24	N	3.14	-8	5.44	--	--	1,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-3	08/15/24	N	0.89	-57.6	5.92	--	--	890	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
C-3	11/13/24	N	--	-41.6	6.1	--	--	690	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-3	08/07/25	N	0.33	-69.4	6.49	--	--	180	--	--	--	--	--	--	--	--	5.86 J	90	96	12	--	--	--	--	--	--	--	--	--	--	--	--
C-4	10/13/22	N	0.37	-30.2	6.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-4	04/27/23	N	0.81	12.9	6.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-4	08/10/23	N	0.21	-109	5.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-4	11/02/23	N	0.22	-65.5	5.71	--	--	1,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-4	04/11/24	N	3.17	-113.1	6.47	--	--	380	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-4	08/15/24	N	1.64	-145.4	6.53	--	--	400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-4	11/14/24	N	1.74	-127.7	6.57	--	--	370	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-4	04/09/25	N	0.31	-121.7	6.66	--	--	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-4	08/07/25	N	0.25	-159.4	6.82	--	--	170	--	--	--	--	--	--	--	--	6.3 J	7.06 J	13	22.5	--	--	--	--	--	--	--	--	--	--	--	--
C-5	10/12/22	N	0.85	43.3	6.33	--	0.73	4.2	--	--	--	<0.55	--	12	--	<2.0	0.76 J	0.32 J	1.1	0.22	2.1 J	<5	--	<5	<5	<5	<5	<5	<5	<5	2.1
C-5	04/26/23	N	0.69	39.2	6.41	--	0.4 HF	3.1	--	--	--	<0.55	--	21	--	<2.0	1.6	0.36 J	2.0	0.18	0.57	<0.5	--	0.083 J	<0.5	0.54	<0.5	<0.5	0.1 J	<0.5	1.3
C-5	08/10/23	N	0.16	-77.4	5.75	--	25 HF,F1	2,000	--	--	--	<1.1	--	<15	--	<2.0	<100	<100	ND	0.0927 J	720	138	11.9 J	7.7 J	<50.0	<50.0	50.9	13 J	636	45.2 J	1,600
C-5	11/01/23	N	0.15	-57.4	6.01	--	30 HF	1,200	--	--	--	<0.55	--	2.5 J	--	<2.0	1.9 J	3.7 J	5.6	1.88	768	75.3 J	12.3 J	<100	<100	<100	54.9 J	<100	488	42.3 J	1,400
C-5	04/10/24	N	2.91	-104.3	6.4	--	27 HF	450	--	--	--	<0.55	--	<7.5	--	<2.0	<5	18.1	18	12.5	388	22	7.2	<5.0	<5.0	1.9 J	6.4	5.1	122	15.3	570
C-5	08/15/24	N	1.71	-112	6.66	--	19 HF	270	--	--	--	<0.55	--	<7.5	--	<2.0	<50	31.3 J	31	4.91	278	16	3.6 J	<5.0	<5.0	1.8 J	<5.0	2.1 J	36.5	4.2 J	340
C-5	08/15/24	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<50	21.2 J	21	7.22	274	16.4	3.5 J	<5.0	<5.0	1.6 J	<5.0	2.1 J	36.6	4.1 J	340
C-5	11/13/24	N	3.64	-113.2	6.61	--	5.3 HF	510	--	--	--	<0.11 H	--	0.87 J	--	<2.0	5.1 H	59 H	64	87 H	530 H	<0.5 H	730 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	1,300
C-5	04/09/25	N	0.22	-121.5	6.67	--	43 HF	470	--	--	--	<0.11	--	<1.5	--	<2.0	4.07 J	60.1	64	23	970	59	<0.5	<0.5	<0.5	<0.5	<0.5	15	69	<0.5	1,100
C-5	08/06/25	N	0.16	-81.2	6.75	--	34 HF	290	--	--	--	<0.11	--	<1.5	--	<2.0	<13	26.9	27	9.2	420	<5	<5	<5	<5	3.3 J	<5	7.8	9.9	<5	440
C-6	10/14/22	N	0.28	24.2	6.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	04/27/23	N	0.39	106.3	6.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	08/10/23	N	0.38	-35.4	5.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	11/02/23	N	0.24	-35	6.04	--	--	660	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	04/11/24	N	1.85	-80.6	6.33	--	--	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	08/15/24	N	1.46	-91.2	6.62	--	--	160	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	11/14/24	N	1.33	-114.7	6.62	--	--	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	08/07/25	N	0.15	-111.8	6.63	--	--	69	--	--	--	--	--	--	--	--	3.42 J	<13	3.4	25.1	--	--	--	--	--	--	--	--	--	--	--	--
C-7	10/14/22	N	0.33	21.6	6.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	04/27/23	N	0.51	67.1	6.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	08/10/23	N	0.35	-52.5	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	11/02/23	N	0.19	-33.9	5.67	--	--	1,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	04/11/24	N	1.01	-52.8	5.55	--	--	2,900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	08/15/24	N	2.52	-75.8	6.43	--	--	750	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	11/14/24	N	1.4	-121.9	6.47	--	--	370	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	04/09/25	N	0.37	-128.3	6.65	--	--	110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	08/07/25	N	0.18	105.6	6.69	--	--	120	--	--	--	--	--	--	--	--	<13	<13	ND	10.8	--	--	--	--	--	--	--	--	--	--	--	--
C-8	10/14/22	N	0.21	-6	6.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-8	04/27/23	N	0.64	5.5	6.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-8	08/10/23	N	1.15	-105.5	5.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-8	11/02/23	N	1.1	-99.4	6.11	--	--	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-8	04/11/24	N	0.73	-105.5	6.46	--	--	76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-8	08/15/24	N	0.05	-119.9	6.94	--	--	57 ^2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-8	11/14/24	N	1.56	-128.5	6.77	--	--	71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-8	08/07/25	N	0.23	49.9	6.71	--	--	39	--	--	--	--	--	--	--	--	<13	<13	ND	3.43	910	250	<5	210	<5	<5	180	130	390	<5	2,100
C-9	10/14/22	N	1.55	63.9	6.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-9	04/27/23	N	3.15	136.1	6.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-9	08/10/23	N	0.44	-137.2	6.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-9	11/02/23	N	1.19	-58.6	5.31	--	--	7,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
C-9	04/11/24	N	0.62	-7.2	5.71	--	--	240	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-9	08/15/24	N	0.09	-79	6	--	--	2,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-9	11/13/24	N	--	-18.5	5.37	--	--	3,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-9	04/09/25	N	0.37	-55.1	5.62	--	80 HF	1,900	--	--	--	<0.11	--	<1.5	--	<8.0	<13	3.42 J	3.4	11.9	1,700	560	<0.5	260	<0.5	<0.5	350	200	510	<0.5	3,600
C-9	08/06/25	N	0.2	19.8	5.87	--	48 HF	1,100	--	--	--	<0.11 *+	--	<1.5	--	<2.0	<13	<13	ND	1.66	--	--	--	--	--	--	--	--	--	--	--
C-10	10/14/22	N	2.9	130.1	5.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	04/27/23	N	0.75	85.6	6.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	08/10/23	N	0.52	-74.6	5.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	11/02/23	N	0.73	-22.4	5.61	--	--	46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	04/11/24	N	1.17	-22.8	5.82	--	--	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	08/15/24	N	0.2	-56.7	6.25	--	--	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	08/07/25	N	0.17	83.5	6.06	--	--	390	--	--	--	--	--	--	--	--	<13	<13	ND	3.33	--	--	--	--	--	--	--	--	--	--	--
C-11	10/14/22	N	3.34	81.6	6.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-11	04/27/23	N	0.99	54.8	6.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-11	08/10/23	N	0.74	-0.6	5.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-11	11/02/23	N	1.53	-31.6	5.84	--	--	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-11	04/11/24	N	2.35	-27.7	6.05	--	--	59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-11	08/15/24	N	0.03	-61.4	6.47	--	--	58 ^2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-11	11/13/24	N	--	-63.1	6.32	--	--	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-11	04/09/25	N	0.3	-71.2	6.41	--	--	9.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-11	08/07/25	N	0.11	20.4	6.56	--	--	34	--	--	--	--	--	--	--	--	<13	<13	ND	7.17	--	--	--	--	--	--	--	--	--	--	--
D-1	10/12/22	N	0.87	-30.9	6.42	--	1.2	4.7	--	--	--	<0.55	--	19	--	<2.0	120	29	150	22	2.2 J	<5	--	<5	<5	<5	<5	<5	<5	<5	2.2
D-1	04/26/23	N	0.23	5.6	6.5	--	1.1 HF	4.4	--	--	--	0.27 J	--	12	--	<2.0	9.8	6.6	16	1.4	0.57	<0.5	--	0.062 J	<0.5	0.62	<0.5	<0.5	0.068 J	<0.5	1.3
D-1	08/10/23	N	0.27	43.6	4.41	--	5.5 HF	2,900	--	--	--	<0.55	--	2.5 J	--	4.9 J	<100	<100	ND	1.22	1,280	184	14.4 J	<100	<100	<100	29.8 J	<100	1,640	15.5 J	3,200
D-1	11/01/23	N	0.09	11.3	5.38	--	--	1,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-1	04/11/24	N	0.28	-51	5.86	--	--	1,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-1	08/14/24	N	4.52	-97.1	6.49	--	--	380	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-1	11/11/24	N	2.13	-130.6	6.72	--	--	160	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-1	08/07/25	N	1	-101	6.09	--	--	2,500	--	--	--	--	--	--	--	--	<13	<13	ND	5.92	--	--	--	--	--	--	--	--	--	--	--
D-2	10/13/22	N	0.25	-87.8	6.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-2	04/27/23	N	0.44	1.3	6.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-2	08/10/23	N	0.33	-91.1	5.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-2	11/01/23	N	0.05	-41.8	5.56	--	170 HF	2,100	--	--	--	<0.55 F1	--	8.1 F1	--	<2.0	28.5	196	220	4.5	1,850	278	<250	30.2 J	<250	<250	85.4 J	<250	888	62.4 J	3,200
D-2	04/10/24	N	0.6	-50.5	6.07	--	60 HF	1,200	--	--	--	<0.55	--	<7.5	--	<2.0	21.3	238	260	10.5	1,110	112 J	<250	38.7	<5.0	<250	65.2	31.5	365	60.3	1,800
D-2	08/14/24	N	5.09	-28.2	6.03	--	41 HF	1,200	--	--	--	<0.55	--	<7.5	--	<8.0	11.9	85.7	98	7.33	1,340	178	<100	<100	<100	<100	<100	<100	250	44.9 J	1,800
D-2	11/13/24	N	0.05	-89.4	6.54	--	24 HF	400	--	--	--	<0.11 H	--	<1.5	--	<2.0	2.6 JH	29.9 H	33	32 H	360 H	<0.5 H	570 H	<0.5 H	38 H	<0.5 H	<0.5 H	120 H	<0.5 H	<0.5 H	1,100
D-2	04/09/25	N	0.15	-52	6.67	--	15 HF	80	--	--	--	<0.11	--	<1.5	--	<2.0	66.7	209	280	14.9	150	130	<0.5	5.5	<0.5	<0.5	<0.5	29	22	<0.5	340
D-2	08/06/25	N	0.2	-102.1	5.87	--	51 HF	1,900	--	--	--	<0.11	--	2	--	<8.0	6.69 J	7.72 J	14	2.49	1,600	230	<25	770	<25	17 J	91	160	680	<25	3,500
D-3	10/13/22	N	0.38	19.8	6.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-3	04/27/23	N	0.22	11.1	6.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-3	08/10/23	N	0.2	-14.9	5.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-3	11/01/23	N	0.52	-38.5	5.55	--	--	790	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-3	04/11/24	N	2.1	-68	6.12	--	--	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-3	08/14/24	N	4.02	-9.4	6.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-3	11/11/24	N	1.96	-69.5	6.21	--	--	37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-3	08/07/25	N	0.32	-96.2	6.42	--	--	64	--	--	--	--	--	--	--	--	4.42 J	<13	4.4	20.1	--	--	--	--	--	--	--	--	--	--	--
D-4	10/12/22	N	1.64	-89.8	6.82	--	1.5	3.4	--	--	--	<0.55	--	5.7 J	--	<2.0	75	550	630	15	2.5 J	<5	--	<5	<5	2.6 J	<5	<5	<5	<5	5.1
D-4	04/26/23	N	0.3	-29.8	6.74	--	1.7 HF	3.4	--	--	--	<0.55	--	18	--	<2.0	31	220	250	3.2	2.3 J	<5	--	<5	<5	0.96 J	<5	<5	0.59 J	<5	3.9
D-4	08/09/23	N	0.2	-80.7	5.33	--	36 HF	6,100	--	--	--	<1.1	--	<15	--	24 J	<100	<100	ND	<0.2	2,040	614	68.4 J	<250	<250	<250	161 J	65.4 J	2,880	141 J	6,000
D-4	11/01/23	N	0.21	-33.4	5.44	--	84 HF	2,300	--	--	--	<0.55	--	<7.5	--	<2.0	6.4	161	170	1.7	1,630	261	19.6 J	28.2 J	<100	<100	169	19.5 J	1,070	39.7 J	3,200

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
D-4	04/10/24	N	0.3	-64.1	5.89	--	17 HF	310	--	--	--	<0.55	--	<7.5	--	2.2 J	3.1 J	25.7	29	7.71	326	45.2	5.5	9.2	<5.0	1.9 J	12.4	2.1 J	68.4	11.2	480
D-4	08/14/24	N	5.09	-40.9	6.22	--	10 HF	--	--	--	--	<0.55	--	<7.5	--	<4.0	1 J	8.4	9.4	7.12	373	25.7	8.5 J	<25.0	<25.0	<25.0	<25.0	7.1 J	148	16.8 J	580
D-4	11/13/24	N	0.24	-84.1	6.25	--	19 HF	82	--	--	--	<0.11	--	4.5	--	<4.0	1.2 JH	49.6 H	51	55.1 H	110 H	<0.5 H	90 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	49 H	<0.5 H	<0.5 H	250
D-4	04/09/25	N	0.23	-10.3	6.42	--	24 HF	76	--	--	--	0.054 J	--	<1.5	--	<2.0	4.86 J	3.43 J	8.3	21.2	95	11	<0.5	4.6	<0.5	<0.5	<0.5	1.9	3.3	<0.5	120
D-4	08/06/25	N	0.19	-101.3	6.16	--	12 HF	2,300	--	--	--	<0.11	--	<1.5	--	8.8 J	<13	7.71 J	7.7	2.1	2,100	290	<50	1,000	<50	<50	110	110	1,000	<50	4,600
D-5	10/13/22	N	0.39	37.9	6.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-5	04/27/23	N	0.39	70.9	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-5	08/09/23	N	0.28	-118.2	6.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-5	11/01/23	N	0.21	-162.8	6.57	--	--	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-5	04/11/24	N	0.13	-144.5	6.68	--	--	87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-5	08/14/24	N	3.16	-90.6	6.52	--	--	35 ^2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-5	11/11/24	N	1.62	-65.2	6.36	--	--	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-5	08/07/25	N	0.38	-3.5	6.28	--	--	890	--	--	--	--	--	--	--	--	4.85 J	7.55 J	12	3.57	--	--	--	--	--	--	--	--	--	--	--
D-6	10/13/22	N	0.42	18.9	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-6	04/27/23	N	0.26	45.1	6.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-6	08/10/23	N	0.28	-168.2	6.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-6	11/01/23	N	0.38	-167.8	6.74	--	--	9,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-6	04/11/24	N	0.61	-158.5	6.33	--	--	6,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-6	08/14/24	N	3.54	-84.9	6.01	--	--	2,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-6	11/14/24	N	0.24	-36.4	5.65	--	--	2,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-6	04/09/25	N	0.65	90.4	5.46	--	--	460	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D-6	08/07/25	N	1.2	-131.3	6.71	--	--	3,800	--	--	--	--	--	--	--	--	<13	<13	ND	0.414	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	04/04/07	N	--	--	--	--	--	--	--	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	10/31/13	N	2.35	-21.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	04/17/14	N	--	22.4	7.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	09/10/14	N	3.96	75.1	7.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	04/09/15	N	8.99	42.4	7.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	09/24/15	N	1.3	-130.1	7.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	06/23/16	N	2.29	-43.7	6.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	06/21/17	N	2.08	114.8	7.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	06/13/18	N	1.34	5	7.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	06/12/19	N	1.59	103.6	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	09/11/20	N	1.25	180.7	6.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	07/01/21	N	1.12	109.3	6.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	08/04/22	N	2.38	23.8	7.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	08/10/23	N	2.37	-32.7	6.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	08/15/24	N	4.55	-70.4	7.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 1	08/06/25	N	1.87	20.9	7.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 2	04/04/07	N	--	--	--	--	--	--	--	4.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 3	04/04/07	N	--	--	--	--	--	--	--	4.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 4	04/04/07	N	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 5	04/04/07	N	--	--	--	--	--	--	--	8.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 6	04/04/07	N	--	--	--	--	--	--	--	7.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 6	05/19/11	N	4.75	62	7.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 6	04/11/13	N	3.25	-16.9	7.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 7	04/04/07	N	--	--	--	--	--	--	--	8.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 8	04/04/07	N	--	--	--	--	--	--	--	23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 8	04/17/14	N	--	-68.4	7.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 8	09/24/15	N	2.3	-141.8	7.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	--	≥1
GC-1 Port 8	06/23/16	N	3.11	-118.4	7.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 8	06/21/17	N	2.26	31.7	7.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 8	06/13/18	N	3.06	-67.6	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 8	06/12/19	N	2.1	-40.1	7.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 8	09/11/20	N	4.43	-49.1	7.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 8	07/01/21	N	3.58	-10.9	6.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 8	08/10/23	N	4.11	-44	7.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 8	08/15/24	N	5.05	-55.8	7.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-1 Port 8	08/06/25	N	2.7	-71.4	7.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	07/09/07	N	--	--	--	--	--	--	--	32	--	--	--	--	--	--	0.022 J	0.18	0.20	0.00067	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	11/28/07	N	--	--	--	--	--	--	--	7.9	--	--	--	--	--	--	0.006 J	0.1	0.11	0.00021	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	05/19/10	N	12.02	82	6.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	09/23/10	N	9.79	221.4	7.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	05/17/11	N	10.42	329.2	6.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	05/19/11	N	10.79	220.1	6.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	10/12/11	N	4.45	105.3	6.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	03/20/12	N	10.16	300	6.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	09/11/12	N	16.58	-63	7.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	04/10/13	N	9.27	137.5	6.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	10/28/13	N	3.7	38.3	7.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	04/14/14	N	9.58	358.2	6.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	09/08/14	N	--	59.2	6.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	04/06/15	N	8.23	232	6.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	09/24/15	N	5.44	-24.7	7.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	06/23/16	N	6.99	114.2	5.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	06/21/17	N	3.92	261.4	6.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	06/11/18	N	6.2	120	6.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	06/11/19	N	4.68	178.9	6.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	09/09/20	N	7.49	84.1	6.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	06/28/21	N	3.79	181.6	6.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	08/01/22	N	1.3	-5.4	6.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	08/09/23	N	6.87	26.6	6.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	08/14/24	N	7.14	179.6	6.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GC-2A	08/05/25	N	6.54	186	6.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IB-4	05/18/10	N	2.09	-109.2	6.96	6.64	--	3.8	90	--	1.6	--	39	--	0.074	--	0.82	2.2	3.0	0.006	0.2	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.11	<0.15	0.31
IB-4	06/30/10	N	1.09	-118.5	5.93	--	--	50.1	--	--	--	--	--	--	--	--	1.1	2.2	3.3	0.0046	--	--	--	--	--	--	--	--	--	--	--	--
IB-4	08/03/10	N	0.83	-82.9	6.49	2.51	--	56.7	34	--	3.2	--	21	--	0.322	--	3.3	9.8	13	0.0086	71	3.8	--	0.76	<0.05	<1	0.16	0.17	10	0.24	86
IB-4	09/21/10	N	0.85	-96.8	6.48	1.87	16	64.2	40	16	1.1	<0.05	1.1	0.26 J,	0.072	1.3 J	3.6	11	15	0.018	90	6.4	--	1.6	<0.05	<1	<0.07	0.37	15	0.83	110
IB-4	01/10/11	N	5.15	-93.5	6.19	--	190 M	1,170	--	34 M	--	<1	--	0.71 J,M	--	87	8.5	12	21	0.014	360	76	--	7	<0.05	<1 B	13	5	880	7.6	1,300
IB-4	01/13/11	N	0.5	-87.6	5.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IB-4	03/23/11	N	1.67	-54.8	5.68	--	130	762	--	6 J	--	<12	--	5.8 J	--	4.5	8	15	23	0.19	320	59	--	9.3	<0.5	2.1	20	2.7	520	5.3	940
IB-4	05/16/11	N	0.32	-40.3	5.84	--	92	481	--	12	--	0.5 J	--	1.9	--	2 J	6	12	18	1.5	200	41	--	14	0.16	1 J	25	2.9	200	4.1	490
IB-4	06/22/11	N	0.88	-93.7	6.3	--	85	382	--	5.1	--	0.5 J	--	2.5	--	9.3	4	11	15	3.6	160	28	--	1.7	<0.5	<1	15	15 J	100	15 J	330
IB-4	10/13/11	N	0.54	-80.4	6.52	--	56	206	--	5.8	--	<0.5	--	<1	--	3.2	--	--	--	--	180	25	--	10	<0.05	0.8	6.8	2.4	38	6.6	270
IB-4	12/05/11	N	0.38	-98.2	6.62	--	45	207	--	31	--	<0.5	--	23	--	1.9 J	1.8	89	91	18	190	42	--	13	0.038 J	2	7.9	1	32	7.3	300
IB-4	03/20/12	N	0.33	-150.9	6.58	--	150	271	--	11	--	0.19 J	--	0.39 J	--	1.6 J	1.5	450	450	17	440	33	--	3.1	0.2	<0.1	2.8	1.4	30	5.2	520
IB-4	09/11/12	N	1.56	-50.6	6.6	--	14	38	--	21	--	<0.5	--	36	--	30	0.72	4.3	5.0	3.2	35	1	--	<0.05	<0.05	<0.1	0.066 J	0.12 J	1.4	0.2	38
IB-4	04/09/13	N	--	--	--	--	100	266	--	11	--	<0.5	--	0.54 J	--	<2	96	3.6	100	19	480	16	--	0.6	0.37	1.4	0.49 J	1.2 J	22	1.8	520
IB-6	11/16/21	N	0.19	-146.9	7.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IB-6	11/16/21	N	1.1	-181.9	7.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
IB-6	11/17/21	N	0.73	41.3	7.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IB-6	11/18/21	N	0	-167.2	7.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IB-6	12/08/21	N	--	--	7.89	--	--	--	--	--	--	--	--	--	--	--	1.9	4	5.9	2.4	--	--	--	--	--	--	--	--	--	--	--
IB-6	02/10/22	N	--	--	7.49	--	--	--	--	--	--	--	--	--	--	--	7.6	7.9	16	1.8	--	--	--	--	--	--	--	--	--	--	--
IB-7	05/18/10	N	0.35	-122.4	7.17	>5.76	--	3.7	2	--	1	--	62	--	0.053	--	3.4	4.6	8.0	0.037	0.2	0.059	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.084	<0.15	0.34
IB-7	05/18/10	FD	--	--	--	--	--	3.6	--	--	--	--	--	--	--	--	3.2	4.3	7.5	0.034	0.19	<0.05	--	<0.05	<0.05	<0.1	<0.07	<0.15	0.074	<0.15	0.26
IB-7	06/30/10	N	1.46	-78.5	5.76	--	--	1,230	--	--	--	--	--	--	--	--	6.8	4.3	11	0.016	--	--	--	--	--	--	--	--	--	--	--
IB-7	08/03/10	N	1.4	-23.2	5.64	--	--	804	--	--	--	--	--	--	--	--	6	14	20	0.018	290	110	--	8.7	<0.5	<1	7.6	4.4	520	10	950
IB-7	09/21/10	N	0.23	-82.7	5.6	>4.71	150 M	788	180	22	3.9	<0.12	24	<2.5	0.183	7.5	6.9	20	27	0.029	340	130	--	9.1	<0.5	4.3 J	11	4.5	540	12	1,100
IB-7	11/08/10	N	0.12	-161.4	6.63	2.29	--	2,320	28	--	2.3	--	22	--	0.228	--	1.4	4.1	5.5	0.018	42 B	5.5	--	2.6	<0.5	1 J	1.9	<1.5	10	<1.5	63
IB-7	01/10/11	N	0.63	-71.4	5.69	--	300 M	1,070	--	27 M	--	<1	--	0.36 J,M	--	59	8	14	22	0.24	410	140	--	6.4	<0.05	<1 B	22	7.8	770	10	1,400
IB-7	01/13/11	N	0.32	-85.2	5.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IB-7	03/23/11	N	2.36	-92.9	6.43	--	120	486	--	6.9 J	--	<0.5	--	2.7	--	12	4.6	7.7	12	0.26	160	51	--	13	<0.5	11	10	1.5	250	3.6	500
IB-7	05/16/11	N	1.21	-81	6.53	--	120	322	--	13	--	0.5 J	--	1 J	--	2.6	2.6	6.6	9.2	0.41	140	35	--	11	0.15	0.53	7.5	2.2	160	3.7	360
IB-7	06/22/11	N	1.19	-36.1	5.49	--	120	529	--	2 J	--	<0.5	--	1 J	--	12	4.4	11	15	1.3	280	59	--	9.7	<0.5	<1	16	3.7	220	6.2	590
IB-7	10/13/11	N	0.95	-92.4	6.55	--	94	258	--	4.7	--	0.52	--	<1	--	8.2	--	--	--	--	290	32	--	6.9	0.12	<0.1	7.4	2	68	5.1	410
IB-7	12/05/11	N	0.28	-141.5	6.91	--	160	306	--	5.8	--	<0.5	--	0.82 J	--	6.5	14	33	47	15	320	46	--	11	0.058	<10	8.7	1.3	47	6.6	440
IB-7	03/20/12	N	0.24	-164.2	6.76	--	220	276	--	4.8	--	<0.5	--	0.2 J	--	4	24	1.8	26	22	430	30	--	2.9	0.031 J	<0.1	2.9	1.8	37	4.4	510
IB-7	09/11/12	N	0.21	-234.5	7.02	--	120	137	--	5.5	--	<0.5	--	9	--	9.9	8.4	13	21	14	180	4.9	--	<0.05	0.29	1	0.77	0.98	28	1.7	220
IB-7	04/09/13	N	--	--	--	--	110	257	--	6.8	--	<0.5	--	0.78 J	--	6.1	32	1.4	33	16	460	15	--	0.59	0.29	<10	1	1.1 J	39	2.2	520
IB-7	10/29/13	N	0.68	-134.2	6.58	--	480	1,120	--	140	--	<0.5	--	2.7	--	21	1.6	1.7	3.3	15	150	24	--	6.8	<1	<10	45	12 J	590	55	880
IB-7	04/16/14	N	0.3	-130.4	6.95	--	210	326	--	72	--	<0.5	--	38	--	12	19	7.3	26	27	66	1.3	--	0.69	<0.1	1.5	0.14	3.8	18	1.1	93
IB-7	06/05/14	N	0.54	-149.9	6.74	--	210	271	--	--	--	<0.5	--	<5	--	14	6.2	1.6	7.8	18	42	0.52	--	<0.5	<0.2	0.21 J	0.14	0.34	8.8	0.1 J	52
IB-7	06/05/14	FD	--	--	--	--	--	272	--	--	--	--	--	--	--	--	6.4	1.6	8.0	18	43	0.6	--	<0.5	<0.2	<1	0.094	0.35	8.5	0.093 J	53
IB-7	09/09/14	N	4.03	-136.5	6.8	--	190	216	--	54	--	<0.5	--	47	--	6.2	4.3	0.53	4.8	14	80	1.6	--	<0.5	<0.2	0.67 J	0.23	0.25	13	0.15	96
IB-7	11/18/14	N	1.09	-132.4	6.67	--	180	218	--	44	--	<0.5	--	0.19 J	--	4.2	9.8	0.63	10	23	130	2.2	--	0.23 J	0.23	0.95 J	0.4	0.93	18	0.88	150
IB-7	11/18/14	FD	--	--	--	--	--	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IB-7	04/09/15	N	--	--	--	--	210	138	--	33	--	<0.5	--	0.32 J	--	<1	15	0.58	16	25	110	1.2	--	0.92 J	0.96 J	0.64 J	1	1.5 J	22	1.2 J	140
IB-7	06/24/15	N	--	--	--	--	61	30.1	--	--	--	<0.5	--	19	--	<1	12	4.2	16	12	7.7	0.075	--	<0.5	<0.2	<0.1	0.016 J	0.015 J	2.3	0.021 J	10
IB-7	08/17/15	N	--	--	--	--	--	51.1	--	--	--	--	--	--	--	--	5.9	0.23	6.1	16	--	--	--	--	--	--	--	--	--	--	--
IB-7	09/23/15	N	--	--	--	--	160	296	--	--	--	<0.5	--	<1	--	<1	7.7	56	64	18	25	1.3	--	0.13 J	<0.2	0.013 J	0.89	0.16	14	1.3	43
IB-7	11/18/15	N	--	--	--	--	--	235	--	--	--	--	--	--	--	--	8.3	6	14	26	240	7.9	--	0.8 J	0.48 J	0.071 J	2.5	2.5	78	7.8	340
IB-7	11/18/15	N	--	--	--	--	--	209	--	--	--	--	--	--	--	--	7.7	5.5	13	22	220	3.6	--	0.29 J	0.44 J	0.089 J	1.3	2.4	70	5.9	300
IB-7	04/11/16	N	--	--	--	--	--	59.5	--	--	--	--	--	--	--	--	30	0.28	30	23	1.1	0.025 J	--	<0.4	<0.4	<0.4	<0.2	<0.2	0.036 J	<0.2	1.2
IB-7	06/20/16	N	--	--	--	--	--	57.5	--	--	--	--	--	--	--	--	19	0.041 J	19	22	0.27 J	<1	--	<2	<2	<2	<1	<1	<1	<1	0.27
IB-7	09/22/16	N	--	--	--	--	--	57.8	--	--	--	--	--	--	--	--	32	0.064 J	32	26	0.096 J	0.029 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.13
IB-7	04/26/17	N	--	--	--	--	--	46	--	--	--	--	--	--	--	--	63	0.041 J	63	22	0.41 J	0.075 J	--	<2	<2	0.19 J	<1	<1	0.13 J	<1	0.81
IB-7	06/19/17	N	--	--	--	--	--	44.5	--	--	--	--	--	--	--	--	58	0.035 J	58	26	0.72	0.0093 J	--	<0.2	<0.2	<0.2	<0.1	<0.1	0.057 J	<0.1	0.79
IB-7	10/12/17	N	--	--	--	--	--	1,170	--	--	--	--	--	--	--	--	30	98	130	19	740	130	--	8.2	2.2	0.18 J	40	5.5	970	41	1,900
IB-7	04/18/18	N	--	--	--	--	--	352	--	--	--	--	--	--	--	--	6.1	22	28	23	70	1.8	--	<2	<2	<2	2.9	3.9	280	28	390
IB-7	06/11/18	N	--	--	--	--	--	316	--	--	--	--	--	--	--	--	4.2	16	20	24	100	1.9	--	<2	<2	<2	4	3.1	180	18	310
IB-7	09/26/18	N	--	--	--	--	--	210	--	--	--	--	--	--	--	--	1.7	1.5	3.2	23	170	5	--	0.5	0.35	<2	0.82	2.5	19	<1	200
IB-7	03/27/19	N	--	--	--	--	--	76.8	--	--	--	--	--	--	--	--	23	0.41	23	24	0.73	0.064 J	--	0.054 J	<0.2	<0.2	0.015 J	<0.1	0.021 J	0.0098 J	0.89
IB-7	06/10/19	N	--	--	--	--	--	73.3	--	--	--	--	--	--	--	--	30	0.16	30	30	0.14	0.013 J	--	0.06 J	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1	0.21
IB-7	09/16/19	N	--	--	--	--	--	64.6	--	--	--	--	--	--	--	--	31	<0.1	31	28	0.14	0.03 J	--	0.015 J	<0.2	<0.2	<0.1	<0.1	<0.1	0.011 J	0.20
IB-7	04/14/20	N	--	--	--	--	--	49.4	--	--	--	--	--	--	--	--	65	0.077 J	65	19	0.15	0.015 J	--	<0.2	<0.2	<0.2	0.013 J	<0.1	0.076 J	<0.1	0.25
IB-7	09/11/20	N	--	--	--	--	--	51	--	--	--	--	--	--	--	--	100	<1	100	24	1.6 J	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.6
IB-7	11/12/20	N	--	--	--	--	--	770	--	--	--	--	--	--	--	--	29	56	85	23	460	98	--	1.5 J	<5	<5	15	3.4 J	540	14	1,100
IB-7	04/12/21	N	--	--	--	--	--	190	--	--	--	--	--	--	--	--	4.2	5.2	9.4	27	180	<25	--	<25	<25	<25	<25	<25	280	14 J	470
IB-7	06/28/21	N	--	--	--	--	--	160	--	--	--	--	--	--	--	--	1.5	0.47 J	2.0	14	180	1.9 J	--	<10	<10	<10	<10	<10	33	<10	210

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
IB-7	10/14/21	N	--	--	--	--	--	76	--	--	--	--	--	--	--	--	4.6	<1	4.6	15	4.4 J	0.83 J	--	<5	0.65 J	0.63 J	<5	<5	<5	<5	6.5
IB-7	11/16/21	N	0	-119.5	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IB-7	11/16/21	N	2.34	-202.5	8.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IB-7	11/17/21	N	0.01	-79.2	7.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IB-7	11/18/21	N	0	-113.8	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IB-7	12/08/21	N	--	--	7.43	--	--	--	--	--	--	--	--	--	--	--	10	20	30	8	--	--	--	--	--	--	--	--	--	--	--
IB-7	02/10/22	N	--	--	7.26	--	--	--	--	--	--	--	--	--	--	--	17	63	80	9.2	--	--	--	--	--	--	--	--	--	--	--
IB-7	04/11/22	N	--	--	--	--	--	550	--	--	--	--	--	--	--	--	6.1	63	69	3.2	84	30	--	3.6 J	<25	<25	<25	<25	250	<25	370
IB-7	08/03/22	N	--	--	--	--	--	780	--	--	--	--	--	--	--	--	<1	39	39	1.5	200	81	--	<50	<50	<50	<50	<50	430	<50	710
IB-7	10/12/22	N	--	--	--	--	--	880	--	--	--	--	--	--	--	--	4.8	36	41	1.6	560	84 J	--	<100	<100	<100	<100	<100	590	<100	1,200
IB-7	04/27/23	N	--	--	--	--	--	1,300	--	--	--	--	--	--	--	--	3.6	21	25	2.8	1,000	83 J	--	12 J	<100	<100	<100	<100	700	15 J	1,800
IB-7	11/01/23	N	--	--	--	--	--	4,900	--	--	--	--	--	--	--	--	<5	2 J	2.0	3.65	3,500	399	<250	<250	<250	<250	95.5 J	<250	2,660	46 J	6,700
IB-7	04/09/24	N	--	--	--	--	--	1,900	--	--	--	--	--	--	--	--	58.5 J	482	540	12.4	50.1	21.8 J	35.3	<25.0	<25.0	7.4 J	<25.0	44.7	1,160	80.9	1,400
IB-7	08/15/24	N	--	--	--	--	--	1,000	--	--	--	--	--	--	--	--	<250	<250	ND	16.3	710	67.5	<50.0	<50.0	<50.0	15.8 J	<50.0	<50.0	162	15.4 J	970
IB-7	11/12/24	N	--	--	--	--	--	220	--	--	--	--	--	--	--	--	<250 H	<250 H	ND	27.4 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	<0.5 H	ND
IB-7	04/07/25	N	--	--	--	--	--	160	--	--	--	--	--	--	--	--	9.88 J	<13	9.9	37.5	1	46	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	47
IB-7	08/04/25	N	--	--	--	--	--	150	--	--	--	--	--	--	--	--	8.22 J	<13	8.2	45.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	05/20/10	N	10.15	215.5	7.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-13-885	05/18/11	N	7.3	123.8	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-13-885	03/22/12	N	7.35	345.1	5.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-13-885	04/11/13	N	8.91	79.8	7.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-13-885	10/31/13	N	--	130.6	7.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-13-885	04/17/14	N	--	--	6.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-13-885	04/07/15	N	--	-87.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-13-885	09/22/15	N	1.75	-63.1	6.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-9-380	05/20/10	N	--	--	6.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-9-380	09/22/10	N	13.71	204	7.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-9-380	03/22/12	N	7.74	176.7	6.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-9-380	09/13/12	N	3.94	211.8	7.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-9-380	04/11/13	N	8.48	37	7.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-9-380	10/31/13	N	--	171.1	7.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-9-380	04/17/14	N	--	--	6.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-9-380	09/08/14	N	--	-76.5	6.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-9-380	04/07/15	N	--	-95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RP-9-380	09/21/15	N	1.34	-49.9	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
106	03/24/11	N	--	--	--	--	--	--	7.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
106	03/22/12	N	7.4	196.9	6.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
106	04/10/13	N	9.6	131.8	7.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
107	03/22/12	N	9.5	175.5	6.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
107	04/10/13	N	9.45	130.1	7.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
108	05/20/10	N	--	--	6.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
108	03/22/12	N	9.57	182.9	6.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
108	04/10/13	N	9.1	128.7	7.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
108	04/17/14	N	--	--	6.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
108	04/07/15	N	--	-28.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
109	03/22/12	N	9.67	168.5	7.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
109	04/10/13	N	9.11	136	7.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
110	05/20/10	N	--	--	6.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
110	03/24/11	N	--	--	--	--	--	--	3.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
110	03/22/12	N	9.37	188	6.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
110	04/10/13	N	9.2	127.8	7.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
110	10/31/13	N	--	130.6	7.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
110	04/17/14	N	--	--	6.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
110	04/07/15	N	--	-196.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	05/20/10	N	--	--	6.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	03/24/11	N	--	--	--	--	--	--	4.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	03/22/12	N	8.86	191.4	6.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	04/10/13	N	9.21	125	7.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	04/13/16	N	--	67.4	7.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	06/20/16	N	5.73	-60.6	5.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	04/24/17	N	8.14	248.6	5.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	06/21/17	N	8.32	166.7	6.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	04/18/18	N	8.9	100.6	7.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	06/11/18	N	7.67	148.2	6.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	09/24/18	N	7.93	70.9	6.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	03/25/19	N	10.77	30.5	7.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	06/12/19	N	7.74	121.8	6.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	09/18/19	N	8.23	88.5	6.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	04/15/20	N	10.8	83.2	7.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	09/09/20	N	4.59	150.8	6.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	11/10/20	N	7.59	368.1	6.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	04/14/21	N	10.34	104.4	6.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	06/28/21	N	5.63	101	6.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	10/14/21	N	8.11	175	6.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	04/12/22	N	9.67	76.9	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	08/01/22	N	2.3	12.2	6.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	10/11/22	N	7.43	66.1	6.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	04/25/23	N	10.73	57	6.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	08/09/23	N	9.05	27.2	6.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	11/02/23	N	8.67	25.4	6.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	04/09/24	N	8.39	134.1	6.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	08/13/24	N	10.17	154.9	7.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	11/11/24	N	8.58	89.4	6.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	04/08/25	N	10.44	152.2	7.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
111	08/06/25	N	7.1	151.5	7.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	05/20/10	N	--	--	5.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	03/22/12	N	9.83	202.7	6.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	04/10/13	N	9.5	128.1	7.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	04/17/14	N	--	--	6.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	04/07/15	N	--	47.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	04/13/16	N	--	47.5	7.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	06/21/17	N	8.38	165.1	6.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	06/11/18	N	5.81	136.8	6.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	09/24/18	N	7.41	32.5	7.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	03/25/19	N	10.42	30.1	7.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	06/12/19	N	9.33	107.5	6.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	09/18/19	N	7.59	91	6.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	04/15/20	N	9.77	92.6	6.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	09/09/20	N	5.69	132.4	6.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	11/10/20	N	7.44	356.5	6.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
		Units	mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
112	04/14/21	N	10.19	90	6.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	06/28/21	N	7.41	187.4	6.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	10/14/21	N	5.56	177.2	6.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	04/12/22	N	8.54	52.6	7.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	08/01/22	N	4.08	48.9	6.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	10/11/22	N	8.02	88.3	6.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	04/25/23	N	10.08	71.3	6.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	08/09/23	N	8.67	39.4	6.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	11/02/23	N	6.09	23.2	6.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	04/09/24	N	8.5	99	6.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	08/13/24	N	9.39	170.4	6.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	11/11/24	N	8.23	101.7	5.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	04/08/25	N	9.92	140.6	7.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
112	08/06/25	N	2.52	58.7	6.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	05/20/10	N	--	--	6.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	03/24/11	N	--	--	--	--	--	--	11.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	03/22/12	N	8.48	186.6	6.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/10/13	N	9.01	132.2	7.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/17/14	N	--	--	6.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/07/15	N	--	221	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/13/16	N	--	86.8	6.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	06/20/16	N	5.72	-238	3.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/24/17	N	7.1	180.2	6.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	06/21/17	N	6.1	175.7	5.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	10/12/17	N	2.04	36.5	7.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/18/18	N	8.81	120	7.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	06/11/18	N	6.79	146.8	6.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	09/24/18	N	7.48	1.1	7.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	03/25/19	N	9.45	30.6	6.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	06/12/19	N	8.08	115.7	7.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	09/18/19	N	8.08	100.9	7.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/15/20	N	8.87	57.6	7.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	09/09/20	N	7.74	96.7	7.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	11/10/20	N	9.81	404.1	7.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/14/21	N	9.25	177.3	7.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	06/28/21	N	8.12	119.4	7.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	10/14/21	N	7.2	177.7	7.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/12/22	N	9.23	77.6	7.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	08/01/22	N	6.3	46.2	7.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	10/11/22	N	8.76	112.2	6.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/25/23	N	9.63	83.8	7.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	08/09/23	N	10.96	11.4	7.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	11/02/23	N	9.42	-20.3	7.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/09/24	N	9.67	52.5	7.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	08/13/24	N	9.78	193.4	7.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	11/11/24	N	7.94	84.9	6.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	04/08/25	N	10.8	130.8	7.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
113	08/06/25	N	7.1	200.4	7.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
114	05/20/10	N	--	--	6.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
114	03/21/12	N	8.3	173.6	7.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.3
Summary of Groundwater Results – Indicator and Geochemical Parameters
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Sample Location	Sample Date	Sample Type	Dissolved Oxygen	Oxidation/Reduction Potential	pH	Iron - Ferrous	Iron - Ferrous	Total Organic Carbon	Chloride	Chloride	Nitrate	Nitrate	Sulfate	Sulfate	Sulfide	Sulfide	Ethane	Ethene	Ethane + Ethene	Methane	Acetic Acid	Butyric Acid	Formic acid	Hexanoic Acid	Hexanoic Acid (i-)	Lactic Acid	Pentanoic Acid	Pentanoic Acid (i-)	Propionic Acid	Pyruvic Acid	Total VFA
Units			mg/L	mV	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Analysis Location (FI = Field; LB = Lab)			FI	FI	FI	FI	LB	LB	FI	LB	FI	LB	FI	LB	FI	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
Degradation Criteria			≤2	≤-100	6-8	≥1	≥1	≥20	--	--	≤1	≤1	≤20	≤20	≥0.05	≥0.05	--	--	≥50	≥0.5	--	--	--	--	--	--	--	--	--	--	≥1
114	04/10/13	N	8.02	135.2	7.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
115	05/20/10	N	--	--	6.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
115	09/24/10	N	5.41	221	6.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
115	03/24/11	N	--	--	--	--	--	--	5.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
115	03/22/12	N	9.8	194.5	6.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
115	04/10/13	N	9	130.1	7.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
116	05/19/10	N	--	--	6.05	0.07	--	5.4	61	--	0.8	--	50	--	0.006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
116	03/24/11	N	--	--	--	--	--	--	24.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
116	03/22/12	N	8.19	526.8	2.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
116	04/10/13	N	7.5	142	6.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	05/20/10	N	--	--	7.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	03/24/11	N	--	--	--	--	--	--	118	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	04/10/13	N	8.31	156.8	7.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	04/17/14	N	--	--	6.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	04/07/15	N	--	-170.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	04/13/16	N	--	113.8	7.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	04/24/17	N	6.11	183.3	6.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	06/21/17	N	5.54	66	7.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	04/18/18	N	8.15	131	7.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	09/24/18	N	6.37	154.9	6.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	03/25/19	N	10.23	17.9	7.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	06/12/19	N	7.43	134.8	7.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	09/18/19	N	7.54	99.9	7.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	10/08/19	N	10.11	150.8	5.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	04/15/20	N	10.22	12.3	7.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	11/10/20	N	11.02	384.9	6.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	04/14/21	N	7.67	62.7	7.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	04/12/22	N	9.67	86	7.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	08/09/23	N	10.59	21.4	7.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	11/02/23	N	8.68	-54.8	7.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	04/09/24	N	10.05	69.8	7.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	08/13/24	N	9.76	158.2	7.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
118	04/08/25	N	9.86	135	7.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	10/12/17	N	5.91	-97.9	7.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	06/11/18	N	1.64	-58.7	6.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	09/24/18	N	1.54	-69	6.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	03/25/19	N	2.74	-17	6.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	06/12/19	N	2.28	-52.8	6.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	04/15/20	N	2.51	-7.5	6.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	04/14/21	N	2.06	59.4	6.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	04/12/22	N	1.29	-98.4	7.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	04/25/23	N	1.48	-99.3	6.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	08/09/23	N	2.69	-16.2	6.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	11/02/23	N	0.44	-31.3	6.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	04/09/24	N	0.98	-66.2	6.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	08/13/24	N	4.01	29.5	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
119	04/08/25	N	2.38	108	7.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEEP1	11/10/10	N	8.51	63.5	7.65	--	--	--	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEEP1	01/13/11	N	7.01	94.8	6.89	--	--	--	38.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEEP1	03/24/11	N	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Remediation Performance Review, 2014-2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Notes:

1. New York State (NYS) Surface Water and Groundwater Quality Standards are from Table 1 of 6 CRR-NY 703.5 Surface Water and Groundwater Quality Standards, New York State Department of Environmental Conservation. These standards are protective for use as a potable water supply.
"+" indicates the water quality standard is from the Division of Water Technical and Operational Guidance Series (1.1.1).

2. Definitions:
A sample type of "N" indicates normal environmental sample.
A sample type of "FD" indicates field duplicate sample.
"'--" indicates the compounds were not analyzed for in that particular sample.
"<" indicates the result was below the analytical detection limit.
"J" indicates that the laboratory data was below the lowest quantifiable limit and therefore estimated.
"B" indicates that the compound was found in the blank and sample.
"ND" indicates that results were not detected above the analytical reporting limit.
"H" indicates that the analyte was analyzed outside of hold time.
"*3" indicates internal standard response or retention time outside acceptable limits.
"F1" indicates the MS and/or MSD recovery exceeds control limits.
"F2" indicates the MS/MSD RPD exceeds control limits
"E" indicates the result exceeds the calibration range of the instrument and is considered estimated.
"*+" indicates the LCS and/or LCSD is outside acceptance limits, high biased.
"NS" indicates there is no standard in the NYS Surface Water and Groundwater Quality Standards.

3. Bold and gray shading indicates an exceedance of the New York State Part 703 Groundwater Quality Standards.

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

				Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
Location	Location Type	Sample Date	Sample Type	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
A-1	Injection Boring	10/16/13	N	<0.5	0.2 J	<0.5	<0.5	6.4	<0.5	<0.5	5.2	<0.5	<0.5	<0.5	<0.5	0.2 J	4.4 J	<5	<5	0.7	0.2 J	<0.5	1.6	0.6	0.2 J	0.8
A-2	Injection Boring	10/16/13	N	<0.5	0.8	<0.5	<0.5	4.5	<0.5	<0.5	6.2	<0.5	<0.5	<0.5	<0.5	0.2 J	3.9 J	1.2 J	<5	0.2 J	<0.5	<0.5	0.5	0.3 J	0.1 J	0.4
A-3	Injection Boring	10/16/13	N	<0.5	3.6	<0.5	<0.5	56	0.2 J	<0.5	8.6	<0.5	<0.5	<0.5	<0.5	0.4 J	3.1 J	<5	<5	0.3 J	0.2 J	<0.5	2	0.6	0.4 J	1
A-4	Injection Boring	10/16/13	N	<0.5	6.5	<0.5	<0.5	1.7	1.7	<0.5	6.1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	0.1 J	<0.5	0.1
A-4	Injection Boring	04/16/14	N	<2.5	110	0.7 J	0.7 J	45	27	<2.5	0.7 J	<2.5	<2.5	<2.5	<2.5	<2.5	23 J	400	<25	2.6	1.9 J	<2.5	13	5.3	1.9 J	7.2
A-5	Injection Boring	10/15/13	N	<0.5	1	<0.5	<0.5	3.3	0.2 J	<0.5	5.9	<0.5	<0.5	<0.5	<0.5	<0.5	3.5 J	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
A-6	Injection Boring	10/15/13	N	<0.5	0.2 J	<0.5	<0.5	0.2 J	<0.5	<0.5	5.1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	0.4 J	0.2 J	<0.5	0.2
A-7	Injection Boring	10/15/13	N	<0.5	0.2 J	<0.5	<0.5	0.1 J	<0.5	<0.5	5.3	<0.5	<0.5	<0.5	<0.5	<0.5	3.6 J	<5	<5	0.1 J	<0.5	<0.5	0.4 J	0.2 J	<0.5	0.2
A-8	Injection Boring	10/15/13	N	0.3 J	290	4.2	<0.5	73	14	<0.5	5.1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.4 J	<0.5	<0.5	3.1	<0.5	<0.5	ND
A-9	Injection Boring	10/15/13	N	<0.5	19	<0.5	<0.5	4.2	3.9	<0.5	6.8	<0.5	<0.5	<0.5	<0.5	<0.5	3.1 J	<5	<5	0.2 J	<0.5	<0.5	0.9	0.2 J	<0.5	0.2
A-10	Injection Boring	10/15/13	N	0.2 J	43	0.4 J	<0.5	9.1	12	<0.5	6.6	<0.5	<0.5	<0.5	<0.5	0.3 J	3 J	<5	<5	0.3 J	<0.5	<0.5	0.9	0.3 J	0.1 J	0.4
A-11	Injection Boring	10/14/13	N	0.3 J	72	0.9	<0.5	8.8	4	<0.5	6.7	<0.5	<0.5	<0.5	<0.5	0.1 J	3.1 J	2.2 J	<5	0.1 J	<0.5	<0.5	0.7	0.1 J	<0.5	0.1
A-12	Injection Boring	10/14/13	N	0.9 J	480	4.8	<2.5	38	12	<2.5	7.1	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<25	<2.5	<2.5	<2.5	8.1	0.8 J	<2.5	0.8
A-13	Injection Boring	10/14/13	N	9.9 J	3,500	4.2 J	3.3 J	720	150	<13	14	<13	<13	<13	<13	<13	<130	<130	<130	<13	34	3.1 J	70	74	23	97
A-13	Injection Boring	10/30/13	FD	7.7 J	2,300	3.3 J	2.9 J	590	72	<10	13	<10	<10	<10	<10	<10	<100	<100	<100	<10	7.1 J	<10	23	13	4.8 J	17.8
A-13	Injection Boring	10/30/13	N	7.1 J	2,300	2.7 J	2.6 J	540	68	<13	12 J	<13	<13	<13	<13	<13	<130	<130	<130	<13	6.7 J	<13	21	13	5.1 J	18.1
A-13	Injection Boring	12/09/13	N	26	7,200	12 J	14 J	1,200	200	5.3 J	35	<25	<25	<25	<25	<25	<250	<250	<250	<25	120	11 J	150	440	130	570
A-13	Injection Boring	04/17/14	N	15	6,000	8.9 J	<13	90	100	<13	32	<13	<13	<13	<13	<13	<130	<130	<130	<13	15	<13	68	40	14	54
A-13	Injection Boring	06/05/14	N	21	10,000	15	<13	100	250	<13	38	<13	<13	<13	<13	<13	<130	<130	<130	2.9 J	22	<13	100	52	17	69
A-13	Injection Boring	09/09/14	N	8.9 J	3,700	<25	<25	97	96	<25	11 J	<25	<25	<25	<25	<25	<250	<250	<250	<25	21 J	<25	55	50	15 J	65
A-13	Injection Boring	11/18/14	N	10 J	4,300	8.2 J	<25	7.8 J	140	<25	13 J	<25	<25	<25	<25	<25	<250	<250	<250	<25	19 J	<25	63	46	15 J	61
A-13	Injection Boring	11/18/14	FD	13 J	4,900	8.1 J	<25	8.9 J	190	<25	14 J	<25	<25	<25	<25	<25	<250	<250	<250	<25	22 J	<25	71	52	16 J	68
A-13	Injection Boring	04/09/15	N	15 J	5,700	7.1 J	<25	120	180	<25	27	<25	<25	<25	<25	<25	<250	<250	<250	<25	14 J	<25	65	33	14 J	47
A-13	Injection Boring	06/24/15	N	46	20,000	29	<25	42	880	<25	58	<25	<25	<25	<25	<25	<250	<250	<250	<25	37	<25	160	95	33	128
A-13	Injection Boring	08/17/15	N	22 J	11,000	<100	<100	410	500	<100	35 J	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	22 J	<100	87 J	64 J	25 J	89
A-13	Injection Boring	09/23/15	N	21 J	12,000	<100	<100	3,800	1,000	<100	160	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	37 J	<100	440	120	46 J	166
A-13	Injection Boring	11/18/15	N	22 J	12,000	<100	<100	160	880	<100	110	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	30 J	<100	330	100	38 J	138
A-13	Injection Boring	11/18/15	N	<100	9,700	<100	<100	100	950	<100	100	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	38 J	<100	380	130	52 J	182
A-13	Injection Boring	04/11/16	N	<100	9,400	<100	<100	<100	2,500	<100	79 J	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	30 J	<100	270	110	45 J	155
A-13	Injection Boring	06/20/16	N	<100	8,800	24 J	<100	45 J	2,700	<100	96 J	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	31 J	<100	310	100	49 J	149
A-13	Injection Boring	09/22/16	N	<100	8,700	22 J	<100	<100	2,900	<100	95 J	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	24 J	<100	200	83 J	42 J	125
A-13	Injection Boring	04/26/17	N	47 J	22,000	41 J	<50	79	2,700	<50	120	<50	<50	<50	<50	<50	<500	<500	<500	<50	42 J	<50	350	160	100	260
A-13	Injection Boring	06/19/17	N	65 J	34,000	75 J	<100	300	2,300	<100	190	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	33 J	<100	310	130	83 J	213
A-13	Injection Boring	10/12/17	N	16 J	13,000	30 J	<50	12 J	1,800	<50	74	<50	<50	<50	<50	<50	<500	<500	<500	<50	30 J	<50	210	98	49 J	147
A-13	Injection Boring	04/18/18	N	<250	32,000	<250	<250	<250	4,200	<250	120 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	65 J	<250	430	210 J	110 J	320
A-13	Injection Boring	06/11/18	N	<250	24,000	71 J	<250	<250	2,400	<250	130 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	360	130 J	69 J	199
A-13	Injection Boring	09/26/18	N	12 J	9,800	30 J	<100	<100	1,500	<100	73 J	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	28 J	<100	230	86 J	51 J	137
A-13	Injection Boring	03/27/19	N	45 J	21,000	48 J	<100	<100	4,000	<100	140	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	47 J	<100	460	170	98 J	268
A-13	Injection Boring	06/10/19	N	52 J	21,000	54 J	<100	<100	2,500	<100	130	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	46 J	<100	530	160	93 J	253
A-13	Injection Boring	09/16/19	N	<100	7,300	21 J	<100	<100	1,600	<100	86 J	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	22 J	<100	210	83 J	46 J	129
A-13	Injection Boring	04/14/20	N	14 J	9,400	27 J	<100	<100	3,400	<100	63 J	<100	<100	<100	<100	31 J	<1000	<1000	<1000	<100	22 J	<100	260	78 J	50 J	128
A-13	Injection Boring	09/11/20	N	7.2 J	5,000	22 J	<25	<25	2,500	<25	57	<25	5.2 J	<25	3.5 J	<25	57 J	<250	<250	5.3 J	15 J	<25	170	52	38	90
A-13	Injection Boring	11/12/20	N	<1000	8,200	<1000	<1000	170 J	1,000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<10000	<10000	<10000	<1000	<1000	<1000	160 J	<1000	<1000	ND
A-13	Injection Boring	04/12/21	N	<1000	12,000	<1000	<1000	<1000	3,500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<10000	<10000	<10000	<1000	<1000	<1000	280 J	<1000	<1000	ND
A-13	Injection Boring	06/28/21	N	14 J	11,000	32	<25	14 J	2,200	<25	82	<25	3.7 J	<25	3.3 J	2.9 J	<250	<250	<250	6 J	17 J	<25	210	53	33	86
A-13	Injection Boring	10/14/21	N	3.2 J	1,200	11	<10	4.5 J	320	<10	35	<10	1.6 J	<10	2.3 J	1.2 J	54 J	<100	<100	3.1 J	7.3 J	<10	80	23	13	36
A-13	Injection Boring	04/11/22	N	1.4 J	1,000	6.1 J	<10	1.5 J	150	<10	2.9 J	<10	1.6 J	<10	<10	<10	<100	<100	<100	2.5 J	8.1 J	<10	60	24	12	36
A-13	Injection Boring	08/03/22	N	<25	1,200	9.1 J	<25	<25	48	<25	15 J	<25	<25	<25	<25	<25	95 J	<250	<250	<25	<25	<25	17 J	<25	<25	ND
A-13	Injection Boring	10/12/22	N	12 J	1,600	15 J	<25	5.9 J	63	<25	29	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	11 J	<25	<25	ND
A-13	Injection Boring	04/27/23	N	<25	1,800	7.3 J	<25	<25	650	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	7.3 J	<25	56	20 J	12 J	32
A-13	Injection Boring	08/07/23	N	6.1 J	1,200	9.6 J	<25 *+	20 J	98	<25	30	<25	<25	<25	<25	<25	<250 *3	<250 *3	<250 *3	<25	12 J	<25	39	46	19 J	65
A-13	Injection Boring	11/01/23	N	<25	1,700	<25	<25	<25	260	<25	6.3 J	<25	<25	<25	<25	<25	<250	<250	<250	<25	5.7 J	<25	39	16 J	6.5 J	22.5
A-13	Injection Boring	04/10/24	N	<10	730	4.5 J	<10	2.9 J	200	<10	3.4 J	<10	<10	<10	<10	<10	<100	<100	<100	<10	4.3 J	<10	26	13	5.5 J	18.5
A-13	Injection Boring	08/15/24	N	1.3 J	510	1.9 J	<5.0	2.2 J	61	<5.0	1.7 J	<5.0	<5.0	<5.0	<5.0	<5.0	34 J	<50 *+	<50	<5.0	0.81 J	<5.0	6.6	2 J	1.3 J	3.3
A-13	Injection Boring	11/13/24	N	<5.0	300	1.7 J	<5.0	<5.0	61	<5.0	1.8 J	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	<5.0	<5.0	3.1 J	<5.0	<5.0	ND
A-13	Injection Boring	04/09/25	N	0.56	190	1.6	<0.50	1.4	53	<0.50	0.6	<0.50	<0.50	<0.50	<0.50	0.2 J	8.5	<5.0	1.1 J	0.49 J	2.5	0.23 J	21	7.5	3.6	11.1
A-13	Injection Boring	08/06/25	N	<5.0	100	2.4 J	<5.0	<5.0	40	<5.0	1 J	<5.0	<5.0	<5.0	<5.0	<5.0	20 J	<50	<50	<5.0	2.6 J	<5.0 *+	26	7.5	3.6 J	11.1
A-14	Injection Boring	10/14/13	N	0.3 J	110	0.6	0.1 J	110	5.2	<0.5	7.1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	0.1 J	<0.5	1.1	0.2 J	<0.5	0.2
A-15	Injection Boring	10/14/13	N	0.6	56	0.6	0.2 J	200	2.1	<0.5	8	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.2 J	0.1 J	<0.5	0.6	0.2 J	0.1 J	0.3
A-15	Injection Boring	12/09/13	N	29	3,200	8.6 J	5.6 J	12,000	39	10 J	33	<25	<25	<25	<25	<25	<250	<250	<250	5.5 J	<25	<25	21 J	<25	<25	ND
A-16	Injection Boring	10/13/13	N	<0.5	4.8	<0.5	<0.5	23	<0.5	<0.5	4.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.2 J	1.1 J	<5	0.4 J	0.1 J	<0.5	1.2	0.4 J	0.2 J	0.6
A-17	Injection Boring	10/13/13	N	<0.5	0.5	<0.5	0.1 J	4.5	<0.5	<0.5	5.8	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.3 J	0.1 J	<0.5	0.8	0.3 J	0.2 J	0.5
A-17	Injection Boring	12/09/13	N	<0.5	2.9	<0.5	<0.5	21	<0.5	0.4 J	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	0.3
B-1	Injection Boring	10/09/13	N	0.2 J	21	0.1 J	<0.5	160	<0.5	3.3	5.8	<0.5	<0.5	<0.5	0.3 J	7.9	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
B-1	Injection Boring	06/05/14	N	0.2 J	19	<0.5	<0.5	130	0.9	2.2	3.6	<0.5	<0.5	<0.5	0.2 J	4.7	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
B-1	Injection Boring	08/17/15	N	<5	90	<5	<5	2.7 J	<5	<5	<5	<5	<5	<5	<5	3.4 J	43 J	<50	<50	<5	<5	<5	<5	<5	<5	ND
B-2	Injection Boring	10/09/13	N	0.2 J	27	0.2 J	<0.5	230	0.2 J	5.1	8.9	<0.5	<0.5	<0.5	0.4 J	13	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
B-2	Injection Boring	06/05/14	N	0.2 J	24	0.1 J	<0.5	150	0.9	2.2	5.8	<0.5	<0.5	<0.5	0.2 J	8.9	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
B-2	Injection Boring	08/17/15	N	<5	150	<5	1.3 J	1.7 J	4.2 J	<5	<5	<5	2.1 J	<5	<5	4.2 J	63	<50	<50	<5	<5	<5	<5	<5	<5	ND
B-3	Injection Boring	10/09/13	N	<0.5	11	0.6	0.1 J	71	1.1	0.2 J	4.2	<0.5	<0.5	<0.5	<0.5	2	<5	<5	<5	0.2 J	<0.5	<0.5	0.4 J	0.1 J	<0.5	0.1
B-3	Injection Boring	06/05/14	N	0.2 J	34	0.1 J	<0.5	120	0.3 J	1.1	3.2	<0.5	<0.5	<0.5	0.2 J	5.2	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
B-3	Injection Boring	08/17/15	N	<25	140	<25	<25	100	5.6 J	<25	<25	<25	<25	<25	<25	<25	<250	120 J	<250	<25	<25	<25	<25	<25	<25	ND
B-4	Injection Boring	10/09/13	N	0.5	61	0.8	0.1 J	390	18	1.4	9.3	<0.5	<0.5	<0.5	<0.5	16	<5	<5	<5	0.9	0.5	0.8	0.7	1	0.8	1.8
B-4	Injection Boring	10/30/13	N	0.7 J	100	0.9 J	<2.5	690	18	2.1 J	11	<2.5	<2.5	<2.5	<2.5	17	<25	<25	<25	1.1 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
B-4	Injection Boring	04/15/14	N	<2.5	50	<2.5	<2.5	590	<2.5	2.1 J	6	<2.5	<2.5	<2.5	<2.5	9.1	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
B-4	Injection Boring	04/15/14	FD	<2.5	53	0.5 J	<2.5	550	<2.5	1.9 J	6.1	<2.5	<2.5	<2.5	<2.5	10	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
B-4	Injection Boring	06/05/14	N	0.6 J	210	1.2 J	<2.5	530	22	1.4 J	8.5	<2.5	<2.5	<2.5	0.5 J	17	<25	<25	<25	0.7 J	<2.5	0.6 J	<2.5	<2.5	<2.5	ND
B-4	Injection Boring	09/10/14	N	<5	150	<5	<5	190	11	<5	4.7 J	<5	<5	<5	<5	9.7	<50	250	<50	<5	<5	<5	<5	2.6 J	<5	2.6
B-4	Injection Boring	11/18/14	N	<50	330	<50	<50	180	19 J	<50	<50	<50	<50	<50	<50	14 J	<500	140 J	<500	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	04/09/15	N	<50	220	<50	<50	72	<50	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	06/24/15	N	<50	270	<50	<50	68	<50	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	08/17/15	N	<250	260	<250	<250	54 J	<250	<250	<250	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
B-4	Injection Boring	09/23/15	N	<5	190	1.2 J	<5	110	28	<5	<5	<5	3.9 J	<5	<5	9	<50	41 J	<50	<5	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	11/18/15	N	<5	180	<5	<5	83	22	<5	<5	<5	2.2 J	<5	<5	7.7	31 J	62	<50	<5	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	11/18/15	N	<5	210	<5	<5	110	20	<5	<5	<5	3.1 J	<5	<5	8.2	<50	97	<50	<5	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	04/11/16	N	<5	100	<5	<5	26	27	<5	<5	<5	<5	<5	<5	5.1	39 J	46 J	<50	<5	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	06/20/16	N	<5	140	1 J	<5	4.7 J	19	<5	<5	<5	<5	<5	<5	4.8 J	37 J	32 J	<50	<5	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	09/22/16	N	<5	100	<5	<5	5.3	4.8 J	<5	<5	<5	<5	<5	<5	3.9 J	110	41 J	<50	<5	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	04/26/17	N	<0.5	2.2	1.6	<0.5	0.5	2.1	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	7.5	51	17	<5	0.4 J	0.3 J	0.1 J	0.4 J	1.1	0.5 J	1.6
B-4	Injection Boring	06/19/17	N	<5	2.1 J	1.1 J	<5	<5	1.2 J	<5	<5	<5	<5	<5	<5	5	<50	12 J	<50	<5	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	10/12/17	N	<5	17	<5	<5	4.6 J	3.3 J	<5	<5	<5	<5	<5	<5	4.4 J	78	54	<50	<5	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	04/18/18	N	<5	33	1.1 J	<5	11	3.2 J	<5	<5	<5	<5	<5	<5	5.7	<50	<50	<50	<5	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	06/11/18	N	<5	35	<5	<5	10	2.4 J	<5	<5	<5	<5	<5	<5	5.5	59	39 J	<50	<5	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	09/26/18	N	<5	39	0.9 J	<5	12	2.6 J	<5	<5	<5	<5	<5	<5	5.7	77	72	<50	0.5 J	<5	<5	<5	1 J	<5	1
B-4	Injection Boring	03/27/19	N	0.7 J	53	2.3 J	<5	220	12	<5	<5	<5	<5	<5	<5	1 J	<50	<50	<50	1.8 J	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	06/10/19	N	<50	33 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	5.6 J	250 J	150 J	<500	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	09/16/19	N	<50	18 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	5.2 J	300 J	130 J	<500	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	04/14/20	N	<5	46	0.8 J	<5	1.1 J	7.6	<5	<5	<5	<5	<5	<5	4.6 J	14 J	<50	<50	<5	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	09/11/20	N	<5.0	5.2	<5.0	<5.0	1.1 J	1.6 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	4.8 J	19 J	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
B-4	Injection Boring	11/12/20	N	<50	8.3 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	9.3 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	04/12/21	N	<50	11 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	06/28/21	N	<5	9.7	<5	<5	4.1 J	<5	<5	<5	<5	<5	<5	<5	3.7 J	75	34 J	<50	0.75 J	<5	<5	<5	<5	<5	ND
B-4	Injection Boring	10/14/21	N	<5.0	11	<5.0	<5.0	0.78 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.2 J	140	71	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
B-4	Injection Boring	04/11/22	N	<5.0	10	<5.0	<5.0	2 J	1.3 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.9 J	320	70	33 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
B-4	Injection Boring	08/03/22	N	<5.0	12	<5.0	<5.0	3.2 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.9 J	510	76	22 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
B-4	Injection Boring	10/12/22	N	<5.0	12	<5.0	4.8 J	4.2 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.7 J	760	70	34 J	1.6 J	2.1 J	<5.0	1.3 J	4.7 J	<5.0	4.7
B-4	Injection Boring	04/27/23	N	<5.0	11	<5.0	<5.0	1.4 J	1 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.1 J	1,200	130	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
B-4	Injection Boring	11/01/23	N	<50	12 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500 *3	980 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	04/09/24	N	<50	12 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	660	1,200	<500	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	08/15/24	N	<50	9.2 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	1,000	1,600	<500	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	11/12/24	N	<50	8.2 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	2,500	1,500	<500	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	04/07/25	N	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	3,200	960	<500	<50	<50	<50	<50	<50	<50	ND
B-4	Injection Boring	08/04/25	N	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	4,300	1,400	<500	<50	<50	<50	<50	<50	<50	ND
B-5	Injection Boring	10/09/13	N	<0.5	8.3	0.1 J	0.1 J	37	1.1	0.2 J	2.9	<0.5	<0.5	<0.5	<0.5	0.8	<5	<5	<5	0.2 J	<0.5	<0.5	0.2 J	0.1 J	<0.5	0.1
B-5	Injection Boring	06/05/14	N	0.5 J	69	0.4 J	<0.5	280	10	0.3 J	1	<0.5	<0.5	<0.5	0.2 J	4.1	<5	<5	<5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
B-5	Injection Boring	08/17/15	N	<5	7.2	<5	<5	1.5 J	5	<5	<5	<5	<5	<5	<5	2.9 J	<50	<50	<50	<5	<5	<5	<5	<5	<5	ND
B-6	Injection Boring	10/09/13	N	<0.5	8	0.3 J	0.1 J	29	0.7	<0.5	3.7	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	0.1 J	<0.5	0.3 J	0.2 J	0.3 J	0.5
B-6	Injection Boring	06/05/14	N	1.5	620	4.3	0.6	1,600	51	<0.5	28	<0.5	0.3 J	<0.5	0.9	16	4.1 J	<5	<5	1.6	2.8	1.1	1.6	2.7	16	18.7

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs: Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Chlorinated Methanes: Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Chlorinated Ethanes: Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Ketones: Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Petroleum Hydrocarbons: Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
B-7	Injection Boring	10/09/13	N	<0.5	1	<0.5	<0.5	24	<0.5	<0.5	5.9	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	0.1 J	0.1 J	0.2
B-7	Injection Boring	10/30/13	N	2.6	120	0.6	0.4 J	3,100	19	0.1 J	110	<0.5	0.2 J	<0.5	0.2 J	14	<5	<5	<5	1.9	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
B-7	Injection Boring	04/15/14	N	0.8 J	380	1.1 J	0.9 J	1,100	2.1 J	<2.5	12	<2.5	<2.5	<2.5	<2.5	2.9	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
B-7	Injection Boring	06/05/14	N	0.9 J	410	1.5 J	0.5 J	950	24	<2.5	14	<2.5	<2.5	<2.5	<2.5	3.4	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
B-7	Injection Boring	06/05/14	FD	0.8 J	390	1.6 J	<2.5	900	24	<2.5	14	<2.5	<2.5	<2.5	<2.5	3.5	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
B-7	Injection Boring	09/10/14	N	<25	35	<25	<25	620	<25	<25	<25	<25	<25	<25	<25	<25	<250	330	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	11/18/14	N	<250	73 J	<250	<250	730	<250	<250	<250	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
B-7	Injection Boring	04/09/15	N	<500	350 J	<500	<500	800	<500	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
B-7	Injection Boring	06/24/15	N	<500	500 J	<500	<500	650	<500	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
B-7	Injection Boring	08/18/15	N	<1000	420 J	<1000	<1000	430 J	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<10000	<10000	<10000	<1000	<1000	<1000	<1000	<1000	<1000	ND
B-7	Injection Boring	09/23/15	N	<25	170	<25	<25	170	25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	11/18/15	N	<25	130	<25	<25	54	14 J	<25	<25	<25	<25	<25	<25	<25	<250	220 J	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	11/18/15	N	<25	140	<25	<25	63	14 J	<25	<25	<25	<25	<25	<25	<25	<250	380	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	04/11/16	N	<25	230	<25	<25	55	88	<25	<25	<25	<25	<25	<25	<25	<250	120 J	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	06/20/16	N	<25	240	<25	14 J	55	71	<25	<25	<25	<25	<25	<25	<25	<250	110 J	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	09/22/16	N	<25	310	<25	<25	64	67	<25	<25	<25	<25	<25	<25	<25	<250	110 J	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	04/26/17	N	<25	490	<25	<25	77	89	<25	<25	<25	<25	<25	<25	<25	<250	82 J	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	06/19/17	N	<25	560	<25	<25	170	96	<25	<25	<25	<25	<25	5.2 J	<25	<250	170 J	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	10/12/17	N	<100	450	<100	<100	70 J	76 J	<100	<100	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	<100	<100	<100	<100	<100	ND
B-7	Injection Boring	04/18/18	N	1.1 J	460	2.7 J	<5	69	76	<5	<5	<5	<5	<5	<5	2.2 J	<50	110	<50	1.1 J	<5	<5	<5	<5	<5	ND
B-7	Injection Boring	06/11/18	N	1.5 J	570	3 J	<5	180	63	<5	<5	<5	<5	<5	<5	2.2 J	<50	330	<50	2.1 J	1.1 J	1.8 J	1.5 J	2.1 J	2.1 J	4.2
B-7	Injection Boring	09/26/18	N	1.2 J	520	2.5 J	<5	110	62	<5	<5	<5	2.5 J	<5	<5	2.2 J	73	400	<50	1.5 J	0.6 J	0.9 J	0.9 J	1.2 J	1.1 J	2.3
B-7	Injection Boring	03/27/19	N	<250	330	<250	<250	43 J	<250	<250	<250	<250	<250	<250	<250	28 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
B-7	Injection Boring	06/10/19	N	<1000	360 J	<1000	<1000	<1000	<1000	<1000	<1000	<1000	170 J	<1000	<1000	<1000	<10000	<10000	<10000	<1000	<1000	<1000	<1000	<1000	<1000	ND
B-7	Injection Boring	09/16/19	N	<250	470	<250	<250	110 J	53 J	<250	<250	<250	<250	<250	<250	<250	<2500	610 J	<2500	<250	<250	<250	<250	<250	<250	ND
B-7	Injection Boring	04/14/20	N	<250	59 J	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	450 J	970 J	<2500	<250	<250	<250	<250	<250	<250	ND
B-7	Injection Boring	09/10/20	N	<250	79 J	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2500	330 J	<2500	<250	<250	<250	<250	<250	<250	ND
B-7	Injection Boring	11/10/20	N	<500	83 J	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
B-7	Injection Boring	04/14/21	N	<500	79 J	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
B-7	Injection Boring	06/28/21	N	<25	80	<25	<25	12 J	11 J	<25	<25	<25	<25	<25	<25	<25	<250	160 J	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	10/14/21	N	<25	72	<25	<25	9.8 J	8.9 J	<25	<25	<25	<25	<25	<25	<25	140 J	330	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	04/13/22	N	<25	73	<25	<25	22 J	6.4 J	<25	<25	<25	<25	<25	<25	<25	130 J	220 J	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	08/03/22	N	<25	51	<25	<25	7.2 J	5.6 J	<25	<25	<25	<25	<25	<25	<25	230 J	430	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	10/12/22	N	<25	63	<25	<25	13 J	<25	<25	<25	<25	<25	<25	<25	<25	140 J,*3	<250 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	04/26/23	N	<25	62	<25	<25	12 J	<25	<25	<25	<25	<25	<25	<25	<25	180 J	260	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	08/09/23	N	<25	45	<25	<25 *+	8.1 J	<25	<25	<25	<25	<25	<25	<25	<25	290 *3	410 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	10/31/23	N	<50	50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	160 J	230 J	<500	<50	<50	<50	<50	<50	<50	ND
B-7	Injection Boring	04/10/24	N	<25	50	<25	<25	7.4 J	<25	<25	<25	<25	<25	<25	<25	<25	180 J	290	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	08/15/24	N	<25	51	<25	<25	7.2 J	<25	<25	<25	<25	<25	<25	<25	<25	170 J	200 J,*+	<250	<25	<25	<25	<25	<25	<25	ND
B-7	Injection Boring	11/13/24	N	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
B-7	Injection Boring	04/08/25	N	<50	34 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	240 J	240 J	<500	<50	<50	<50	<50	<50	<50	ND
B-7	Injection Boring	08/06/25	N	<25	35	<25	<25	6.5 J	<25	<25	<25	<25	<25	<25	<25	<25	180 J	130 J	<250	<25	<25	<25	<25	<25	<25	ND
B-8	Injection Boring	10/10/13	N	<0.5	1.4	<0.5	0.1 J	38	<0.5	<0.5	4.6	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.2 J	0.1 J	<0.5	0.7	0.3 J	0.2 J	0.5
B-8	Injection Boring	06/05/14	N	2.5	210	0.8	0.9	3,700	9	0.3 J	51	<0.5	0.5 J	<0.5	0.2 J	11	<5	<5	<5	2.7	<0.5	<0.5	0.2 J	<0.5	0.1 J	0.1
B-9	Injection Boring	10/11/13	N	0.3 J	19	0.5 J	0.3 J	460	1.7	<1	12	<1	<1	<1	<1	0.7 J	<10	<10	<10	0.3 J	<1	<1	0.2 J	<1	0.4 J	0.4
B-9	Injection Boring	06/05/14	N	7.7	420	1.5	1.4	7,000	28	1.7	55	<1	<1	<1	0.2 J	19	<10	<10	<10	4.7	<1	<1	<1	<1	<1	ND
B-9	Injection Boring	09/10/14	N	<25	2,600	10 J	<25	400	20 J	<25	20 J	<25	<25	<25	<25	11 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	11/18/14	N	<250	770	<250	<250	1,100	<250	<250	<250	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
B-9	Injection Boring	04/09/15	N	<250	2,300	<250	<250	1,000	51 J	<250	<250	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
B-9	Injection Boring	06/24/15	N	8.8 J	4,500	15 J	<25	420	64	<25	38	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	08/18/15	N	6.9 J	3,600	8.7 J	<25	14 J	58	<25	31	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	09/23/15	N	<25	230	<25	<25	150	11 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	11/18/15	N	<25	250	<25	<25	60	9.6 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	11/18/15	N	<25	240	<25	<25	73	9.7 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	04/11/16	N	<25	510	<25	<25	59	29	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	06/20/16	N	<25	1,900	<25	19 J	78	90	<25	7.1 J	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	09/22/16	N	<25	2,400	<25	<25	100	100	<25	8.3 J	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	04/26/17	N	<25	3,000	5.4 J	<25	99	230	<25	6.8 J	<25	<25	<25	<25	<25	<250	63 J	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	06/19/17	N	6.2 J	3,800	9 J	<25	180	360	<25	8 J	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	10/12/17	N	<50	220	<50	<50	<50	15 J	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
B-9	Injection Boring	04/18/18	N	<10	630	<10	4.3 J	24	74	<10	<10	<10	<10	<10	<10	<10	<100	52 J	<100	<10	<10	<10	<10	<10	<10	ND
B-9	Injection Boring	06/11/18	N	<10	660	<10	<10	25	72	<10	<10	<10	<10	<10	<10	<10	77 J	170	<100	<10	<10	<10	<10	<10	<10	ND
B-9	Injection Boring	09/26/18	N	<10	900	2.4 J	<10	35	100	<10	<10	<10	2.2 J	<10	<10	1.4 J	140	270	<100	<10	<10	<10	<10	<10	<10	ND
B-9	Injection Boring	03/27/19	N	1.8 J	1,200	3.5 J	<10	49	160	<10	<10	<10	<10	<10	<10	2 J	170	460	<100	<10	<10	<10	<10	<10	<10	ND
B-9	Injection Boring	06/10/19	N	1.6 J	1,300	3.6 J	<10	50	130	<10	<10	<10	<10	<10	<10	1.6 J	200	610	<100	<10	<10	<10	<10	<10	<10	ND
B-9	Injection Boring	09/16/19	N	<100	1,400	<100	<100	62 J	170	<100	<100	<100	<100	<100	<100	<100	670 J	1,600	<1000	<100	<100	<100	<100	<100	<100	ND
B-9	Injection Boring	04/14/20	N	<10	19	<10	<10	6.4 J	<10	<10	<10	<10	<10	<10	<10	<10	1,100	4,400	<100	1.5 J	<10	<10	<10	<10	<10	ND
B-9	Injection Boring	09/11/20	N	<10	110	<10	<10	19	6.7 J	<10	<10	<10	<10	<10	<10	1.1 J	380	1,300	<100	<10	<10	<10	<10	<10	<10	ND
B-9	Injection Boring	11/12/20	N	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
B-9	Injection Boring	04/12/21	N	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
B-9	Injection Boring	06/28/21	N	<10	74	<10	<10	5.4 J	18	<10	<10	<10	<10	<10	<10	<10	150	470	<100	<10	<10	<10	<10	<10	<10	ND
B-9	Injection Boring	10/14/21	N	<10	110	<10	<10	8 J	27	<10	<10	<10	<10	<10	<10	<10	500	1,100	<100	<10	<10	<10	<10	<10	<10	ND
B-9	Injection Boring	04/11/22	N	<10	110	<10	<10	10	21	<10	<10	<10	<10	<10	<10	<10	530	1,300	<100	<10	<10	<10	<10	<10	<10	ND
B-9	Injection Boring	08/03/22	N	<25	95	<25	<25	13 J	21 J	<25	<25	<25	<25	<25	<25	<25	390	1,000	<250	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	10/12/22	N	<25	100	<25	<25	13 J	18 J	<25	<25	<25	<25	<25	<25	<25	230 J,*3	320 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
B-9	Injection Boring	04/27/23	N	<50	160	<50	<50	15 J	33 J	<50	<50	<50	<50	<50	<50	<50	230 J	330 J	<500	<50	<50	<50	<50	<50	<50	ND
B-9	Injection Boring	08/08/23	N	<50	160	<50	<50	15 J	34 J	<50	<50	<50	<50	<50	<50	<50	220 J	320 J	<500	<50	<50	<50	<50	<50	<50	ND
B-9	Injection Boring	11/01/23	N	<50	190	<50	<50	18 J	43 J	<50	<50	<50	<50	<50	<50	<50	<500 *3	<500 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
B-9	Injection Boring	04/09/24	N	<50	210	<50	<50	23 J	47 J	<50	<50	<50	<50	<50	<50	<50	410 J	520	<500	<50	<50	<50	<50	<50	<50	ND
B-9	Injection Boring	08/15/24	N	<50	210	<50	<50	21 J	45 J	<50	<50	<50	<50	<50	<50	<50	810	890	<500	<50	<50	<50	<50	<50	<50	ND
B-9	Injection Boring	11/12/24	N	<100	200	<100	<100	19 J	34 J	<100	<100	<100	<100	<100	<100	<100	1,400	1,100	<1000	<100	<100	<100	<100	<100	<100	ND
B-9	Injection Boring	04/07/25	N	<50	210	<50	<50	27 J	51	<50	<50	<50	<50	<50	<50	<50	2,700	1,500	<500	<50	<50	<50	<50	<50	<50	ND
B-9	Injection Boring	08/04/25	N	<25	220	<25	<25	30	42	<25	<25	<25	<25	<25	<25	<25	3,600 *3	2,700 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
B-10	Injection Boring	10/12/13	N	0.1 J	12	0.5 J	0.3 J	170	2	0.3 J	4.6	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.2 J	<0.5	<0.5	0.3 J	<0.5	0.1 J	0.1
B-10	Injection Boring	06/05/14	N	0.9	290	2.2	1.3	1,000	10	0.5 J	11	<0.5	<0.5	<0.5	0.1 J	2.7	<5	<5	<5	0.7	<0.5	0.2 J	0.1 J	<0.5	0.2 J	0.2
B-11	Injection Boring	10/12/13	N	<0.5	24	0.7	0.3 J	80	2.7	<0.5	2.2	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	0.2 J	0.2 J	0.1 J	0.5 J	0.1 J	0.4 J	0.5
B-11	Injection Boring	06/05/14	N	0.6	280	2.9	0.9	650	17	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	1.5	<5	<5	<5	0.8	1.4	3.8	0.4 J	0.3 J	1.2	1.5
B-12	Injection Boring	10/12/13	N	<0.5	4.3	0.2 J	0.1 J	67	0.3 J	<0.5	3.5	<0.5	<0.5	<0.5	<0.5	0.3 J	3.1 J	<5	<5	0.1 J	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
B-12	Injection Boring	06/05/14	N	0.2 J	85	0.5	0.2 J	220	1.4	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	0.8	<5	<5	<5	0.2 J	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
B-13	Injection Boring	10/13/13	N	<0.5	6.6	0.2 J	0.2 J	66	0.3 J	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	0.2 J	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
B-13	Injection Boring	06/05/14	N	1.1	130	1.1	0.2 J	780	3.4	0.4 J	4.2	<0.5	<0.5	<0.5	<0.5	1.5	<5	<5	<5	0.6	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-1	Monitoring Well	07/27/06	N	<0.5	4.3	<0.5	<0.5	10	1	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.2 J	<0.5	<0.5	<0.6	0.2 J	<0.5	0.2
BP-1	Monitoring Well	08/16/06	N	<0.5	1.8	<0.5	<0.5	4.1	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	0.1 J	0.2 J	<0.5	<0.7	0.5 J	0.2 J	0.7
BP-1	Monitoring Well	08/16/06	FD	<0.5	1.7	<0.5	<0.5	4.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	0.2
BP-1	Monitoring Well	09/28/06	N	<0.5	1.8	<0.5	<0.5	4.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.1 J	<0.5	0.2 J	0.4 J	0.1 J	0.5
BP-1	Monitoring Well	09/28/06	N	<0.5	1.8	<0.5	<0.5	3.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.1 J	<0.5	0.3 J	0.4 J	0.2 J	0.6
BP-1	Monitoring Well	04/02/07	N	<0.5	7.4	<0.5	<0.5	12	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1	Monitoring Well	06/12/07	N	<1	5.37	<1	<1	9.1	0.68 J	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	<1	--	ND
BP-1	Monitoring Well	10/08/07	N	<0.5	8.3	<0.5	<0.5	9	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1	Monitoring Well	11/27/07	N	<0.5	12	<0.5	<0.5	12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1	Monitoring Well	03/12/08	N	<0.5	9.4	<0.5	<0.5	14	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1	Monitoring Well	06/12/08	N	<0.5	6.3	<0.5	<0.5	11	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1	Monitoring Well	09/10/08	N	<0.5	7.5	<0.5	<0.5	12	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1	Monitoring Well	09/10/08	FD	<0.5	7.5	<0.5	<0.5	13	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1	Monitoring Well	12/10/08	N	<0.5	23	0.2 J	<0.5	69	2.9	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	1.3	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1	Monitoring Well	05/04/09	N	<0.5	5.7	<0.5	<0.5	12	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1	Monitoring Well	09/10/12	N	<0.5	11	<0.5	<0.5	13	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1A	Monitoring Well	01/11/07	N	0.3 J	43	1.5	<1	160	21	<1	0.4 J	<1	<1	<1	0.4 J	2.2	11	<10	<10	0.4 J	<1	<1	<1	<1	<1	ND
BP-1A	Monitoring Well	02/20/07	N	0.2 J	29	0.6	<0.5	56	5.3	<0.5	0.2 J	<0.5	<0.5	<0.5	0.1 J	1.5	<5	<5	<5	0.2 J	<0.5	<0.5	0.1 J	0.1 J	<0.5	0.1
BP-1A	Monitoring Well	02/20/07	FD	0.2 J	30	0.6	<0.5	62	5.5	<0.5	0.2 J	<0.5	<0.5	<0.5	0.1 J	1.6	<5	<5	<5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1A	Monitoring Well	04/02/07	N	0.7	91	2	<0.5	210	41	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.9	<5	<5	<5	0.6	1.4	0.7	0.3 J	2	0.2 J	2.2
BP-1A	Monitoring Well	06/12/07	N	<5	41.68	<5	<5	96.69	3.28 J	<5	<5	<5	<5	<5	<5	2 J	<50	<10	<5	<5	<5	--	<5	<5	--	ND
BP-1A	Monitoring Well	11/27/07	N	0.2 J	28 J	3.1	<0.5	83 J	6.6	<0.5	0.3 J	<0.5	<0.5	<0.5	0.3 J	2	<5	<5	<5	0.2 J	0.1 J	<0.5	<0.5	0.3 J	<0.5	0.3
BP-1A	Monitoring Well	03/12/08	N	0.7	79	3.7	<0.5	170	36	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	2.5	<5	<5	<5	0.5	0.7	0.5	0.1 J	1.3	0.1 J	1.4
BP-1A	Monitoring Well	06/12/08	N	0.2 J	44	0.7	<0.5	84	6.2	<0.5	0.3 J	<0.5	<0.5	<0.5	0.2 J	2.5 J	<5 J	<5	<5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1A	Monitoring Well	09/10/08	N	0.2 J	26	0.5	<0.5	51	3	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	2.2	6.2	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1A	Monitoring Well	12/10/08	N	<0.5	6.4	<0.5	<0.5	7.9	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1A	Monitoring Well	05/04/09	N	0.6	80	1.4	<0.5	220	21	<0.5	0.6	<0.5	<0.5	<0.5	0.3 J	2.8	<5	<5	<5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs: Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Chlorinated Methanes: Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Chlorinated Ethanes: Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Ketones: Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Petroleum Hydrocarbons: Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-1A	Monitoring Well	09/11/12	N	0.3 J	71	3.2	<0.5	93	2	<0.5	0.2 J	<0.5	<0.5	<0.5	0.2 J	4.5	4.2 J	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1A	Monitoring Well	04/10/13	N	0.6	99	1.5	<0.5	160	29	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	2.6	<5	<5	<5	0.5 J	<0.5	0.1 J	<0.5	0.1 J	<0.5	0.1
BP-1A	Monitoring Well	10/30/13	N	0.6	150	1.9	<0.5	170	1.2	<0.5	0.4 J	<0.5	<0.5	<0.5	0.3 J	3.7	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1A	Monitoring Well	04/16/14	N	1	170	3.9	<0.5	190	52	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	2.8	<5	<5	<5	0.6	<0.5	<0.5	<0.5	0.1 J	<0.5	0.1
BP-1A	Monitoring Well	06/04/14	N	0.9	160	2	<0.5	270	2.8	<0.5	0.5	<0.5	<0.5	<0.5	0.3 J	3.4	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1A	Monitoring Well	09/09/14	N	0.5 J	170	1.5 J	<2.5	160	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.6	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	11/20/14	N	0.4 J	120	1.7	<0.5	88	6.1	<0.5	0.2 J	<0.5	<0.5	<0.5	0.1 J	3.4	<5	<5	<5	0.1 J	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-1A	Monitoring Well	04/09/15	N	1.1	170	2	<0.5	200	42	<0.5	0.4 J	<0.5	<0.5	<0.5	0.6	2.5	<5	<5	<5	0.7	<0.5	<0.5	0.1 J	0.2 J	<0.5	0.2
BP-1A	Monitoring Well	06/24/15	N	1.3	200	2.9	<0.5	210	44	<0.5	0.3 J	<0.5	<0.5	<0.5	0.6	2.9	<5	<5	<5	0.8	<0.5	0.1 J	0.3 J	0.5 J	0.2 J	0.7
BP-1A	Monitoring Well	09/23/15	N	0.5	120	1.3	<0.5	140	0.2 J	<0.5	0.2 J	<0.5	<0.5	<0.5	0.2 J	3	<5	<5	<5	<0.5	0.2 J	<0.5	0.7	0.7	0.3 J	1
BP-1A	Monitoring Well	11/18/15	N	0.3 J	86	0.9	<0.5	130	1	<0.5	0.2 J	<0.5	<0.5	<0.5	0.2 J	3.3	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	0.3 J	0.1 J	0.4
BP-1A	Monitoring Well	04/12/16	N	0.8	130	1.9	<0.5	140	31	<0.5	0.2 J	<0.5	<0.5	<0.5	0.5 J	2.3	<5	<5	<5	0.5	<0.5	<0.5	0.1 J	0.3 J	0.1 J	0.4
BP-1A	Monitoring Well	06/21/16	N	0.7	130	1.5	<0.5	170	4.3	<0.5	0.3 J	<0.5	<0.5	<0.5	0.2 J	2.5	<5	<5	<5	0.2 J	<0.5	<0.5	0.2 J	0.3 J	0.1 J	0.4
BP-1A	Monitoring Well	09/21/16	N	0.4 J	100	1	<0.5	65	0.2 J	<0.5	0.1 J	<0.5	<0.5	<0.5	0.1 J	2.2	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	0.3 J	0.2 J	0.5
BP-1A	Monitoring Well	04/25/17	N	0.9	130	1.6	<0.5	150	28	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	2.1	<5	<5	<5	0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	0.1
BP-1A	Monitoring Well	06/20/17	N	0.9	150	2.2	<0.5	150	21	<0.5	0.2 J	<0.5	<0.5	<0.5	0.3 J	2	3 J	<5	<5	0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	0.1
BP-1A	Monitoring Well	10/11/17	N	0.5	140	1.3	<0.5	140	0.5 J	<0.5	0.1 J	<0.5	<0.5	<0.5	0.1 J	2.3	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1A	Monitoring Well	04/18/18	N	0.6 J	130	2	<1	120	24	<1	<1	<1	<1	<1	<1	1.8	<10	<10	<10	0.4 J	<1	<1	<1	<1	<1	ND
BP-1A	Monitoring Well	06/13/18	N	<2.5	18	<2.5	<2.5	17	2.4 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	09/26/18	N	0.8 J	180	2.1 J	<2.5	97	25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.3 J	<25	<25	<25	0.5 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	03/27/19	N	0.6 J	130	2.7	<2.5	110	25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.6	4.5 J	<25	<25	0.4 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	06/12/19	N	0.6 J	160	1.9 J	<2.5	180	7.3	<2.5	<2.5	<2.5	0.4 J	<2.5	<2.5	2.4 J	<25	<25	<25	0.4 J	<2.5	<2.5	0.6 J	<2.5	<2.5	ND
BP-1A	Monitoring Well	09/17/19	N	0.5 J	170	0.7	<0.5	150	0.8	<0.5	0.1 J	<0.5	<0.5	<0.5	0.2 J	2.4	1.5 J	<5	<5	0.07 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-1A	Monitoring Well	04/14/20	N	0.5 J	130	2 J	<2.5	100	23	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.8 J	5.3 J	<25	<25	0.5 J	<2.5	<2.5	0.4 J	0.6 J	<2.5	0.6
BP-1A	Monitoring Well	09/09/20	N	<2.5	150	0.76 J	<2.5	63	1.2 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	7.9 J	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	11/11/20	N	<250	110 J	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-1A	Monitoring Well	04/13/21	N	<250	120 J	<250	<250	79 J	<250	<250	<250	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-1A	Monitoring Well	06/30/21	N	0.36 J	140	0.94 J	<2.5	89	2.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.8 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	10/13/21	N	<2.5	150	0.65 J	<2.5	60	1.1 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.6 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	04/13/22	N	0.6 J	160	2.7	<2.5	60	24	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.6 J	11 J	<25	<25	0.41 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	08/02/22	N	<2.5	130	0.51 J	<2.5	60	0.72 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.7 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	10/12/22	N	<2.5	190	0.55 J	<2.5	49	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.7 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	04/26/23	N	<25	160	<25	<25	50	24 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-1A	Monitoring Well	08/09/23	N	0.67 J	180	5.4	<1.0	46	26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	5.5 J	<10	<10	0.46 J	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-1A	Monitoring Well	11/01/23	N	0.75 J	250	2.9	<1.0	25	35	<1.0	<1.0	<1.0	<1.0	<1.0	0.16 J	2	<10	<10	<10	0.52 J	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-1A	Monitoring Well	04/10/24	N	0.56 J	210	2 J	<2.5	33	30	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	08/14/24	N	0.62 J	210	1.6 J	<2.5	38	27	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.1 J	<25	<25 *+	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	11/12/24	N	<2.5	160	<2.5	<2.5	26	0.64 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.9 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	04/09/25	N	0.73 J	200	2.5	<2.5	60	41	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.9 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-1A	Monitoring Well	08/06/25	N	<2.5	160	<2.5	<2.5	34	0.88 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.8 J	<25	<25	<25	<2.5	<2.5	<2.5 *+	<2.5	<2.5	<2.5	ND
BP-2	Monitoring Well	07/27/06	N	<0.5	2.1	<0.5	<0.5	1.7	0.3 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.3 J	0.1 J	0.4
BP-2	Monitoring Well	07/27/06	N	<0.5	2.1	<0.5	<0.5	1.8	0.3 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	0.2
BP-2	Monitoring Well	08/16/06	N	<0.5	1	<0.5	<0.5	1.3	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.2 J	<0.5	<1	0.7	0.2 J	0.9
BP-2	Monitoring Well	08/16/06	FD	<0.5	1.1	<0.5	<0.5	1.3	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.2 J	<0.5	<0.7	0.6	0.2 J	0.8
BP-2	Monitoring Well	09/27/06	N	<0.5	0.8	<0.5	<0.5	1.2	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	09/27/06	FD	<0.5	0.8	<0.5	<0.5	1.2	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	01/09/07	N	<0.5	5	<0.5	<0.5	3.1	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-2	Monitoring Well	04/02/07	N	<0.5	0.5 J	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	04/02/07	FD	<0.5	0.4 J	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	06/12/07	N	<1	0.4 J	<1	<1	1.41	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	<1	--	ND
BP-2	Monitoring Well	10/08/07	N	<0.5	0.4 J	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	11/27/07	N	<0.5	0.3 J	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	03/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	06/11/08	N	<0.5	0.2 J	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	09/09/08	N	<0.5	0.2 J	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	12/08/08	N	<0.5	0.2 J	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	05/04/09	N	<0.5	0.2 J	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	05/04/09	FD	<0.5	0.2 J	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2	Monitoring Well	05/16/11	N	<0.5	0.5	<0.5	<0.5	6.9	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-2A	Monitoring Well	07/25/06	N	32	13,000	19	6.3	2,100	1,600	<5	4.7 J	<5	<5	<5	2.9 J	4.2 J	<50	<50	<50	13	130	9.6	500	370	170	540
BP-2A	Monitoring Well	08/16/06	N	12 J	6,000	62	<25	950	680	<25	<25	<25	<19	<25	<25	<25	<250 J	<250	<250	6.9 J	50	<25	130	100	46	146
BP-2A	Monitoring Well	09/27/06	N	14 J	6,300	8.2 J	<25	1,000	750	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	7.3 J	31	<25	77	54	24 J	78
BP-2A	Monitoring Well	01/09/07	N	18 J	6,900 J	11 J	<50	1,500	1,300	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	12 J	<50	42 J	13 J	<50	13
BP-2A	Monitoring Well	02/20/07	N	13 J	4,800	<50	<50	1,100	530	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	32 J	<50	35 J	40 J	20 J	60
BP-2A	Monitoring Well	04/02/07	N	15 J	4,500	<50	<50	2,400	1,000	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	11 J	22 J	<50	49 J	20 J	11 J	31
BP-2A	Monitoring Well	06/12/07	N	<200	3,997	<200	<200	806	434	<200	<200	<200	<200	<200	<200	<200	<2000	<400	<200	<200	<200	--	<200	<200	--	ND
BP-2A	Monitoring Well	10/09/07	N	<25	4,900	13 J	<25	690	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-2A	Monitoring Well	11/27/07	N	2.7 J	1,800	2.6 J	<5	330	190	<5	1.2 J	<5	<5	<5	<5	1.1 J	<50	<50	<50	1.2 J	2.3 J	<5	6.7	2.2 J	1.2 J	3.4
BP-2A	Monitoring Well	03/11/08	N	24 J	9,200	66	<50	1,100	1,400	<50	<50	15 J	<50	<50	<50	<50	<500	<500	<500	10 J	39 J	<50	79	34 J	21 J	55
BP-2A	Monitoring Well	06/11/08	N	8.5 J	4,700	6 J	<25	970	820	<25	<25	<25	<25	<25	<25	<25	<250 J	<250	<250	5.2 J	32	<25	40	21 J	15 J	36
BP-2A	Monitoring Well	09/10/08	N	10 J	3,200	20 J	<50	430	1,100	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	16 J	<50	34 J	<50	<50	ND
BP-2A	Monitoring Well	12/08/08	N	13 J	7,000	15 J	<50	1,000	1,700	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	12 J	<50	38 J	<50	<50	ND
BP-2A	Monitoring Well	05/04/09	N	13 J	4,900	11 J	<50	1,200	1,200	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	16 J	<50	48 J	11 J	<50	11
BP-2A	Monitoring Well	09/23/10	N	0.9 J	1,500	3.8	<2.5	170	14	<2.5	<2.5	<2.5	<2.5	<2.5	0.5 J	1.7 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-2A	Monitoring Well	01/12/11	N	17	7,100	28	<5	820	1,600	<5	<5	<5	<5	<5	<5	3 J	<50	<50	<50	7.3	7.5	1.1 J	26	4 J	6.2	10.2
BP-2A	Monitoring Well	03/22/11	N	0.2 J	70	1.5	0.1 J	110	6.3	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-2A	Monitoring Well	05/16/11	N	10	4,800	7.7	<2.5	1,400	1,300	<2.5	<2.5	<2.5	1.4 J	<2.5	<2.5	3.4	<25	<25	<25	7.4	2.2 J	0.6 J	23	3.3	3.8	7.1
BP-2A	Monitoring Well	06/20/11	N	13 J	5,800	19 J	<25	1,000	1,800	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	8.7 J	7.4 J	<25	33	6.3 J	9.6 J	15.9
BP-2A	Monitoring Well	10/10/11	N	20 J	7,500	21 J	<25	1,200	1,800	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	10 J	7.8 J	<25	40	6.4 J	7.7 J	14.1
BP-2A	Monitoring Well	03/20/12	N	15 J	4,800	12 J	<25	2,200	1,300	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	10 J	7.4 J	<25	33	6.7 J	6.3 J	13
BP-2A	Monitoring Well	09/10/12	N	<25	3,000	6.2 J	<25	350	500	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	11 J	<25	<25	ND
BP-2A	Monitoring Well	04/09/13	N	7.5 J	2,600	<25	<25	1,500	620	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	5.6 J	<25	<25	<25	<25	<25	ND
BP-2A	Monitoring Well	04/09/13	FD	9.2 J	3,200	5.6 J	<25	1,700	630	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	6.3 J	<25	<25	7.8 J	<25	<25	ND
BP-2A	Monitoring Well	10/29/13	N	6.9 J	3,900	17 J	<25	260	680	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	10 J	<25	38	8.2 J	5.6 J	13.8
BP-2A	Monitoring Well	04/16/14	N	6.8 J	3,300	6.5 J	<25	260	650	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	6.5 J	<25	22 J	6 J	<25	6
BP-2A	Monitoring Well	04/16/14	FD	7 J	3,100	8.5 J	<25	250	660	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	5.7 J	<25	20 J	5.3 J	<25	5.3
BP-2A	Monitoring Well	06/04/14	N	11 J	5,500	15 J	<25	170	1,400	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	6.6 J	21 J	<25	57	20 J	12 J	32
BP-2A	Monitoring Well	09/09/14	N	<25	3,400	6.4 J	<25	53	770	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	12 J	<25	40	13 J	6.9 J	19.9
BP-2A	Monitoring Well	11/18/14	N	<25	1,600	8.4 J	<25	27	110	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	17 J	<25	<25	ND
BP-2A	Monitoring Well	04/08/15	N	1.3 J	830	1.6 J	<5	53	170	<5	<5	<5	<5	<5	<5	<5	46 J	<50	<50	1.1 J	<5	<5	3.6 J	<5	<5	ND
BP-2A	Monitoring Well	04/08/15	FD	1.5 J	780	1.8 J	<5	60	180	<5	<5	<5	<5	<5	<5	<5	45 J	<50	<50	1.2 J	<5	<5	4.1 J	<5	<5	ND
BP-2A	Monitoring Well	06/24/15	N	4.3 J	2,800	6.5	<5	80	750	<5	<5	<5	<5	<5	<5	1.3 J	<50	<50	<50	3.7 J	3.3 J	<5	14	3.2 J	2.1 J	5.3
BP-2A	Monitoring Well	06/24/15	FD	5.1 J	2,900	7 J	<10	89	770	<10	<10	<10	<10	<10	<10	<10	<100	<100	<100	4.3 J	3.4 J	<10	14	3.3 J	<10	3.3
BP-2A	Monitoring Well	09/22/15	N	<25	4,500	8.6 J	<25	41	970	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	5.3 J	8.8 J	<25	34	8.5 J	<25	8.5
BP-2A	Monitoring Well	09/22/15	FD	<50	5,000	<50	<50	41 J	1,100	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	38 J	<50	<50	ND
BP-2A	Monitoring Well	11/16/15	N	6.7 J	4,800	7.9 J	<25	68	1,400	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	6 J	12 J	<25	50	12 J	6.8 J	18.8
BP-2A	Monitoring Well	11/16/15	FD	<50	4,700	11 J	<50	68	1,400	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	13 J	<50	54	11 J	<50	11
BP-2A	Monitoring Well	04/12/16	N	6 J	3,800	8 J	<25	130	1,200	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	5.8 J	5.3 J	<25	25 J	<25	<25	ND
BP-2A	Monitoring Well	06/21/16	N	7.9 J	4,200	17 J	<25	98	980	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	7.6 J	10 J	<25	42	8.4 J	5.5 J	13.9
BP-2A	Monitoring Well	09/21/16	N	7.3 J	5,300	9.8 J	<25	24 J	1,800	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	6.5 J	13 J	<25	57	12 J	7.5 J	19.5
BP-2A	Monitoring Well	04/25/17	N	6.2 J	3,700	9.6 J	<10	110	1,000	<10	<10	<10	<10	<10	<10	2.2 J	<100	<100	<100	5.9 J	4.2 J	<10	20	3.5 J	2.4 J	5.9
BP-2A	Monitoring Well	06/20/17	N	9.4 J	5,600	15 J	<25	70	1,800	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	9.2 J	9 J	<25	39	7.7 J	5.4 J	13.1
BP-2A	Monitoring Well	10/11/17	N	<25	5,000	15 J	<25	11 J	2,000	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	6 J	18 J	<25	65	17 J	11 J	28
BP-2A	Monitoring Well	04/18/18	N	<25	2,300	5.8 J	<25	49	530	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	12 J	<25	<25	ND
BP-2A	Monitoring Well	06/13/18	N	12 J	6,300	26	<25	120	1,400	<25	<25	<25	<25	<25	<25	5 J	<250	<250	<250	12 J	6.4 J	<25	35	6.2 J	<25	6.2
BP-2A	Monitoring Well	09/26/18	N	0.7 J	620	4.1	<2.5	22	120	<2.5	<2.5	<2.5	0.4 J	<2.5	<2.5	0.7 J	13 J	<25	<25	1 J	<2.5	<2.5	1.7 J	<2.5	0.3 J	0.3
BP-2A	Monitoring Well	03/27/19	N	8.1	4,500	24	<2.5	42	1,200	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.3	7.7 J	<25	<25	8.6	5.8	0.6 J	32	5.3	4.3	9.6
BP-2A	Monitoring Well	06/12/19	N	4.2 J	2,800	12 J	<25	61	780	<25	<25	<25	3.7 J	<25	<25	3.3 J	<250	<250	<250	7.4 J	3.1 J	<25	19 J	<25	2.5 J	2.5
BP-2A	Monitoring Well	09/17/19	N	6.9 J	5,300	13 J	<25	11 J	1,600	<25	<25	<25	<25	<25	<25	2.9 J	<250	<250	<250	6.5 J	12 J	<25	59	11 J	9.2 J	20.2
BP-2A	Monitoring Well	04/14/20	N	8.6 J	5,200	14 J	<25	58	780	<25	<25	<25	<25	<25	<25	3.9 J	<250	<250	<250	11 J	<25	<25	17 J	<25	<25	ND
BP-2A	Monitoring Well	09/09/20	N	<25	1,600	<25	<25	12 J	30	<25	<25	<25	<25	<25	<25	2.6 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-2A	Monitoring Well	11/11/20	N	<5.0	660	2.2 J	<5.0	75	29	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.82 J	<50	<50	<50	<5.0	<5.0	<5.0	1.4 J	<5.0	<5.0	ND
BP-2A	Monitoring Well	04/13/21	N	5.7	2,500	7.7	<5	700	530	<5	<5	<5	<5	<5	<5	1.9 J	<50	<50	<50	6.2	1.1 J	<5	8.3	<5	1.1 J	1.1
BP-2A	Monitoring Well	06/29/21	N	3.8 J	4,100	7.9 J	<25	37	740	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	5.3 J	5.2 J	<25	27	<25	4.7 J	4.7
BP-2A	Monitoring Well	10/13/21	N	<25	1,300	<25	<25	6.3 J	130	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	5.2 J	<25	<25	ND
BP-2A	Monitoring Well	04/13/22	N	<25	520	<25	<25	3.9 J	84	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-2A	Monitoring Well	08/02/22	N	<25	2,600	<25	<25	11 J	330	<25	<25	<25	<25	<25	<25	<25	50 J	<250	<250	<25	<25	<25	13 J	<25	<25	ND
BP-2A	Monitoring Well	10/12/22	N	6.1 J	4,100	8.2 J	<25	36	1,100	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	5 J	<25	32	<25	5.7 J	5.7

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-2A	Monitoring Well	04/26/23	N	5.9 J	2,300	<25	<25	390	450	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	5.2 J	<25	<25	8.5 J	<25	<25	ND
BP-2A	Monitoring Well	08/09/23	N	0.12 J	100	0.45 J	<0.50	9.2	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-2A	Monitoring Well	11/01/23	N	0.13 J	110	0.58	<0.50	2	8.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.11 J	3.2 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-2A	Monitoring Well	04/10/24	N	<0.50	29	0.17 J	<0.50	15	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-2A	Monitoring Well	08/14/24	N	1.6	1,000	1.9	<0.50	7.8	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.48 J	<5.0	<5.0 *+	<5.0	1.7	0.89	0.083 J	5.7	1.1	0.9	2
BP-2A	Monitoring Well	11/13/24	N	1.3 J	1,600	5.8	<5.0	36	56	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	<5.0	<5.0	2.8 J	<5.0	<5.0	ND
BP-2A	Monitoring Well	04/09/25	N	1.2 J	530	1.2 J	<5.0	91	81	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	1 J	<5.0	<5.0	2.5 J	<5.0	0.89 J	0.89
BP-3	Monitoring Well	07/27/06	N	2.4 J	1,500	1.3 J	<5	2,000	16	<5	66	<5	17	<5	<5	14	2,400	260	280	6.1	1.7 J	<5	98	7.2	3.7 J	10.9
BP-3	Monitoring Well	08/16/06	N	0.4 J	170	0.4 J	<1	240	3.5	<1	<7	<1	<2.7	<1	<1	1.7	220 J	24	15	1.8	0.4 J	<1	13	1.3	0.6 J	1.9
BP-3	Monitoring Well	09/28/06	N	0.2 J	130	0.2 J	<0.5	210	2	<0.5	5.7	<0.5	<0.7	<0.5	0.2 J	1.4	50	<5	4.5 J	2	0.3 J	<0.5	11	1.1	0.5	1.6
BP-3	Monitoring Well	01/10/07	N	0.2 J	91 J	0.1 J	<0.5	85 J	1	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	0.7	13 J	<5	2.9 J	1.4	<0.5	<0.5	1.9	0.4 J	0.2 J	0.6
BP-3	Monitoring Well	02/20/07	N	0.1 J	62	0.2 J	<0.5	72	0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	0.6	6.8	<5	<5	1	0.1 J	<0.5	1.5	0.5 J	0.2 J	0.7
BP-3	Monitoring Well	04/03/07	N	0.1 J	75	0.2 J	<0.5	110	0.9	<0.5	2.8	<0.5	<0.5	<0.5	0.1 J	1 J	7.1	<5	<5	1.7	<0.5	<0.5	2.5	0.3 J	0.2 J	0.5
BP-3	Monitoring Well	06/12/07	N	<5	155.43	<5	<5	186.16	7.6	<5	3.21 J	<5	<5	<5	<5	1.36 J	927.09	13.85	16.69	<5	<5	--	4.76 J	<5	--	ND
BP-3	Monitoring Well	10/08/07	N	9 J	2,500	6.6 J	<25	2,100	520	<25	64	<25	<25	<25	<25	11 J	5,900	210 J	190 J	8.9 J	<25	<25	140	8.8 J	<25	8.8
BP-3	Monitoring Well	10/08/07	FD	9.7 J	2,600	6.7 J	<25	2,300	560	<25	68	<25	<25	<25	<25	11 J	5,900	200 J	210 J	9.7 J	<25	<25	150	9.5 J	5.2 J	14.7
BP-3	Monitoring Well	11/27/07	N	4.8 J	1,300	2.9 J	<5	570	240	<5	27	<5	<5	<5	<5	5 J	2,100	78	79	3.5 J	<5	<5	51	2.4 J	1.2 J	3.6
BP-3	Monitoring Well	03/12/08	N	4.1	1,100	2.1	<0.5	200	200	<0.5	11	0.2 J	<0.9	<0.5	0.8	3.8	1,100	62	100	2.9	0.5	0.3 J	36	2.6	1.4	4
BP-3	Monitoring Well	06/12/08	N	14 J	5,000	9.2 J	<25	430	1,100	<25	50	<25	30	<25	<25	16 J	5,800	<250	390	12 J	<25	<25	170	6.7 J	<25	6.7
BP-3	Monitoring Well	09/10/08	N	17 J	3,800	<50	<50	260	1,300	<50	35 J	<50	<50	<50	<50	13 J	7,800	<500	180 J	<50	<50	<50	150	<50	<50	ND
BP-3	Monitoring Well	12/09/08	N	1.5 J	570	1.1 J	<5	18	120	<5	4.6 J	<5	2.6 J	<5	<5	1.8 J	980	30 J	21 J	1.2 J	<5	<5	15	<5	<5	ND
BP-3	Monitoring Well	05/04/09	N	1.6	440	0.9	<0.5	14	120	<0.5	1.4	<0.5	<0.5 J	<0.5	0.2 J	1	74 J	4.3 J	9.1	1.1	0.2 J	<0.5	16	1.1	0.5 J	1.6
BP-3	Monitoring Well	09/21/10	N	0.5 J	360	1.4	<0.5	7.6	100	<0.5	0.3 J	<0.5	<0.5	<0.5	0.2 J	1.2	53	4.8 J	39	1.2	0.2 J	<0.5	6.1	0.9	0.5 J	1.4
BP-3	Monitoring Well	01/12/11	N	<2.5	170	0.6 J	<2.5	29	34	<2.5	0.5 J	<2.5	<2.5	<2.5	<2.5	<2.5	24 J	<25	6 J	0.6 J	<2.5	<2.5	3	<2.5	<2.5	ND
BP-3	Monitoring Well	03/22/11	N	0.2 J	110	0.5	<0.5	13	29	<0.5	0.2 J	<0.5	<0.5	<0.5	0.1 J	0.5 J	40	2.3 J	8.2	0.5 J	0.2 J	<0.5	4	0.6	0.3 J	0.9
BP-3	Monitoring Well	05/16/11	N	<0.5	84	0.4 J	<0.5	33	25	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.3 J	57	<5	3.1 J	0.4 J	<0.5	<0.5	2.2	0.2 J	0.1 J	0.3
BP-3	Monitoring Well	06/20/11	N	0.2 J	110	0.5	<0.5	27	32	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.3 J	110	4.6 J	4.9 J	0.5 J	<0.5	<0.5	2.7	0.3 J	0.1 J	0.4
BP-3	Monitoring Well	10/10/11	N	<0.5	110	0.7	<0.5	14	63	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.6	280	11	21	0.6	0.1 J	<0.5	3	0.5 J	0.3 J	0.8
BP-3	Monitoring Well	03/20/12	N	<0.5	45	0.5 J	<0.5	11	20	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.3 J	29	4.2 J	4.8 J	0.4 J	<0.5	<0.5	2.3	0.3 J	0.2 J	0.5
BP-3	Monitoring Well	09/10/12	N	<0.5	38	0.7	<0.5	2.3	36	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	730	25	20	0.6	0.1 J	<0.5	3.3	0.6	0.3 J	0.9
BP-3	Monitoring Well	09/10/12	FD	<0.5	36	0.7	<0.5	2.8	34	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	740	22	19	0.6	0.1 J	<0.5	3	0.5	0.3 J	0.8
BP-3	Monitoring Well	04/09/13	N	<0.5	26	0.5 J	<0.5	0.6	16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	160	<5	7.9	0.4 J	<0.5	<0.5	2.7	0.3 J	0.2 J	0.5
BP-4	Monitoring Well	07/26/06	N	0.2 J	4.1	<0.5	<0.5	20	7.1	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	0.3 J	0.1 J	<0.5	<0.8	0.3 J	0.2 J	0.5
BP-4	Monitoring Well	08/16/06	N	<0.5	0.6	<0.5	<0.5	3.1	1.1	<0.5	<0.5	<0.5	3.6	<0.5	<0.5	<0.5	<5 J	<5	<5	0.2 J	0.1 J	<0.5	<0.5	0.3 J	0.1 J	0.4
BP-4	Monitoring Well	09/27/06	N	<0.5	0.4 J	<0.5	<0.5	2.6	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	04/02/07	N	<0.5	<0.5	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	06/12/07	N	<1	<1	<1	<1	1.55	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	<1	--	ND
BP-4	Monitoring Well	10/08/07	N	<0.5	0.1 J	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	11/27/07	N	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	03/12/08	N	<0.5	<0.5	<0.5	<0.5	<1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	06/11/08	N	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	09/09/08	N	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	12/08/08	N	<0.5	<0.5	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	12/08/08	FD	<0.5	<0.5	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	09/21/10	N	<0.5	0.1 J	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	01/10/11	N	<0.5	0.2 J	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	03/22/11	N	<0.5	0.5 J	<0.5	<0.5	6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	03/22/11	N	<0.5	0.5 J	<0.5	<0.5	5.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	05/16/11	N	<0.5	0.2 J	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	05/16/11	N	<0.5	0.2 J	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	06/20/11	N	<0.5	0.4 J	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	06/20/11	FD	<0.5	0.3 J	<0.5	<0.5	1.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	10/10/11	N	<0.5	0.5	<0.5	<0.5	1.8	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	03/20/12	N	<0.5	0.7	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	09/11/12	N	<0.5	3.7	<0.5	<0.5	16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4	Monitoring Well	04/09/13	N	<0.5	0.7	<0.5	<0.5	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4A	Monitoring Well	01/10/07	N	0.7 J	5.1	<2.5	<2.5	260	17	0.9 J	0.5 J	<2.5	<2.5	<2.5	<2.5	0.9 J	<25	<25	<25	2 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	02/21/07	N	<2.5	5.6	<2.5	<2.5	210	0.8 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.7 J	<25	<25	<25	1.4 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	04/02/07	N	0.5 J	6.1	<0.5	0.1 J	190	4	1	0.4 J	<0.5	<0.5	<0.5	<0.5	0.9	<5	<5	<5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4A	Monitoring Well	06/12/07	N	<20	10 J	<20	<20	353.3	<20	<20	<20	<20	<20	<20	<20	<20	<200	<40	<20	<20	<20	--	<20	<20	--	ND
BP-4A	Monitoring Well	10/09/07	N	<2.5	5	<2.5	<2.5	200	<2.5	0.7 J	<2.5	<2.5	<2.5	<2.5	<2.5	0.9 J	<25	<25	<25	0.9 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	11/27/07	N	2.4	42	<1	<1	290 J	15	0.7 J	0.8 J	<1	<1	<1	<1	1.1	<10	<10	<10	2.2	<1	<1	<1	<1	<1	ND
BP-4A	Monitoring Well	03/11/08	N	0.7	7.9	0.3 J	0.1 J	190 J	2.1	0.8	0.5	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	<5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4A	Monitoring Well	06/11/08	N	0.7 J	10	<2.5	<2.5	330	4.1	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.2 J	<25 J	<25	<25	2 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	09/10/08	N	0.8 J	8	<2.5	<2.5	330	0.8 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.1 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	12/09/08	N	0.4 J	4.9	0.1 J	<0.5	100	1.7	<0.5	<0.5 J	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	<5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4A	Monitoring Well	05/05/09	N	<2.5	7.2	<2.5	<2.5	230	2.2 J	0.6 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<25	0.9 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	05/05/09	FD	<0.5	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4A	Monitoring Well	05/18/10	N	1 J	84	8.4	<2.5	650	19	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.8 J	<25	<25	<25	2.3 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	06/30/10	N	0.8 J	140	36	<2.5	210	9.5	<2.5	<2.5	<2.5	1.6 J	<2.5	<2.5	1.2 J	<25	<25	<25	2.2 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	08/03/10	N	1.3 J	250	21	<2.5	330	19	<2.5	0.7 J	<2.5	1.2 J	<2.5	<2.5	1.7 J	<25	<25	<25	3.1	<2.5	<2.5	1 J	<2.5	<2.5	ND
BP-4A	Monitoring Well	09/22/10	N	0.5 J	73	<2.5	<2.5	170	2.3 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.1 J	<25	<25	<25	0.8 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	11/08/10	N	0.8 J	54	0.6 J	<2.5	350	2.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.9 J	<25	<25	<25	1 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	01/10/11	N	0.7 J	38	<2.5	<2.5	270	3.4	0.6 J	<2.5	<2.5	<2.5	<2.5	<2.5	0.7 J	<25	<25	<25	0.7 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	03/22/11	N	0.7 J	24	<2.5	<2.5	230	4.2	0.6 J	<2.5	<2.5	<2.5	<2.5	<2.5	0.7 J	<25	<25	<25	1.2 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	05/16/11	N	0.6 J	33	0.7 J	<2.5	230	10	<2.5	<2.5	<2.5	1.3 J	<2.5	<2.5	0.8 J	<25	<25	<25	1.7 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	06/20/11	N	0.7 J	39	0.8 J	<2.5	320	11	0.6 J	<2.5	<2.5	<2.5	<2.5	<2.5	1 J	<25	<25	<25	1.9 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	10/10/11	N	<25	47	<25	<25	320	16 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-4A	Monitoring Well	10/10/11	FD	1.2	43	3.1	0.2 J	290	22	0.5 J	0.3 J	<0.5	<0.5	<0.5	<0.5	1	<5	<5	<5	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4A	Monitoring Well	12/05/11	N	0.8 J	36	1.2 J	<2.5	280	11	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.8 J	<25	<25	<25	1.8 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	03/20/12	N	0.7 J	26	1.4 J	<2.5	240	11	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.8 J	<25	<25	<25	1.8 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	03/20/12	FD	0.6 J	24	1.3 J	<2.5	250	11	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.7 J	<25	<25	<25	1.7 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	09/13/12	N	<2.5	51	1.2 J	<2.5	320	2.7	<2.5	<2.5	<2.5	1 J	<2.5	<2.5	1.1 J	<25	<25	<25	1.2 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	04/09/13	N	<2.5	14	0.9 J	<2.5	200	5.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.6 J	<25	<25	<25	1.2 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	04/09/13	FD	<2.5	18	1.4 J	<2.5	200	6.4	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.5 J	<25	<25	<25	1.4 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	10/30/13	N	0.7 J	51	4.4	<2.5	310	18	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.1 J	<25	<25	<25	2.5 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	04/16/14	N	<2.5	31	0.6 J	<2.5	210	7.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.5 J	<25	<25	<25	1.2 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	06/04/14	N	0.5 J	47	2.1 J	<2.5	240	14	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.7 J	<25	<25	<25	1.8 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	09/09/14	N	0.7 J	64	3.5	<2.5	280	27	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.2 J	<25	<25	<25	2.6	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	11/18/14	N	0.9 J	88	4	<2.5	300	37	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.6 J	<25	<25	<25	3.3	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	04/09/15	N	<2.5	24	<2.5	<2.5	190	6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.6 J	<25	<25	<25	1.4 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	04/09/15	FD	<2.5	25	0.5 J	<2.5	190	6.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.5 J	<25	<25	<25	1.5 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	06/24/15	N	0.6 J	42	0.8 J	<2.5	260	11	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.7 J	<25	<25	<25	1.9 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	09/22/15	N	0.8 J	70	6.3	<2.5	300	33	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.5 J	<25	<25	<25	3.3	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	11/16/15	N	0.9 J	89	1.1 J	<2.5	350	35	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.6 J	<25	<25	<25	3.4	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	04/13/16	N	<2.5	26	0.7 J	<2.5	210	8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.7 J	<25	<25	<25	1.5 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	04/13/16	FD	0.5	26	1	0.1 J	190	10	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	0.7	<5	<5	<5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4A	Monitoring Well	06/21/16	N	0.5 J	47	1.5 J	1.3 J	200	13	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.9 J	<25	<25	<25	2.2 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	09/21/16	N	0.8 J	87	3.7	<2.5	290	34	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.4 J	<25	<25	<25	3.1	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	09/21/16	FD	0.9 J	78	2.1 J	<2.5	300	29	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.3 J	<25	<25	<25	3.1	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	04/25/17	N	0.8	77	2.7	0.1 J	280	27	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	1.1	<5	<5	<5	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4A	Monitoring Well	04/25/17	FD	0.9	71	3.2	0.1 J	270	24	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	1	<5	<5	<5	2.6	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4A	Monitoring Well	06/20/17	N	0.8	62	2	0.1 J	250	21	<0.5	0.2 J	<0.5	<0.5	<0.5	0.1 J	1	<5	<5	<5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4A	Monitoring Well	10/11/17	N	1.1	130	6.3	<1	320	37	<1	<1	<1	<1	<1	<1	1.4	<10	<10	<10	3.2	<1	<1	<1	<1	<1	ND
BP-4A	Monitoring Well	10/11/17	FD	0.9 J	110	6.4	<1	270	25	<1	<1	<1	<1	<1	<1	1.1	<10	<10	<10	2.7	<1	<1	<1	<1	<1	ND
BP-4A	Monitoring Well	04/17/18	N	0.7 J	73	1.8 J	<2.5	240	24	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.9 J	<25	<25	<25	2.1 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	04/17/18	FD	0.7 J	59	1.3 J	<2.5	220	20	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.8 J	<25	<25	<25	1.8 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-4A	Monitoring Well	06/12/18	N	1	67	4.4	<0.5	220	16	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.8	<5	<5	<5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-4A	Monitoring Well	09/26/18	N	1 J	110	1.3	0.1 J	240	18	<1	0.2 J	<1	<1	<1	<1	1 J	3.4 J	<10	<10	2.4	<1	<1	<1	<1	<1	ND
BP-4A	Monitoring Well	09/26/18	FD	0.9 J	110	1.5	<1	240	17	<1	0.2 J	<1	<1	<1	<1	0.8 J	2.4 J	<10	<10	2.3	<1	<1	<1	<1	<1	ND
BP-4A	Monitoring Well	03/27/19	N	0.8 J	51	2	0.1 J	210	12	<1	0.2 J	<1	<1	<1	<1	0.8 J	2.8 J	<10	<10	1.8	<1	<1	<1	<1	<1	ND
BP-4A	Monitoring Well	03/27/19	FD	0.8 J	52	2.2	<1	220	12	<1	0.2 J	<1	<1	<1	<1	0.8 J	4.7 J	<10	<10	1.8	<1	<1	<1	<1	<1	ND
BP-4A	Monitoring Well	06/12/19	N	0.8 J	49	5.3	0.1 J	190	7.3	<1	0.2 J	<1	0.2 J	<1	<1	0.6 J	2.3 J	<10	<10	1.8	<1	<1	<1	<1	<1	ND
BP-4A	Monitoring Well	09/17/19	N	1.3	110	2.6	<1	290	19	<1	0.2 J	<1	<1	<1	<1	1	2.1 J	<10	<10	2.8	<1	<1	<1	<1	<1	ND
BP-4A	Monitoring Well	09/17/19	FD	1.2	120	2.6	<1	250	21	<1	0.2 J	<1	<1	<1	<1	1.1	2 J	<10	<10	2.8	<1	<1	<1	<1	<1	ND
BP-4A	Monitoring Well	04/14/20	N	0.7 J	60	0.9 J	<1	140	6.7	<1	<1	<1	<1	<1	<1	1.6	<10	<10	<10	1.4	<1	<1	<1	<1	<1	ND
BP-4A	Monitoring Well	04/14/20	FD	0.7 J	55	0.8 J	<1	140	8.4	<1	<1	<1	<1	<1	<1	1.7	<10	<10	<10	1.4	<1	<1	<1	<1	<1	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-4A	Monitoring Well	09/09/20	N	0.49 J	40	1.1	<1.0	110	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	2.5 J	<10	<10	1.3	0.2 J	0.28 J	0.16 J	<1.0	0.13 J	0.13
BP-4A	Monitoring Well	11/11/20	N	0.6 J	77	<1.0	<1.0	110	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.92 J	2.1 J	<10	<10	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	11/11/20	FD	0.72 J	59	0.59 J	<1.0	150	9.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.92 J	2 J	<10	<10	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	04/13/21	N	0.64 J	58	3.7	<1	110	16	<1	<1	<1	<1	<1	<1	0.83 J	1.9 J	<10	<10	1.4	<1	<1	<1	0.34 J	0.1 J	0.44
BP-4A	Monitoring Well	04/13/21	FD	0.65 J	67	1.6	<1	120	16	<1	<1	<1	<1	<1	<1	0.83 J	1.8 J	<10	<10	1.4	<1	<1	<1	0.23 J	<1	0.23
BP-4A	Monitoring Well	06/29/21	N	0.68 J	76	1.7	<1	100	16	<1	<1	<1	<1	<1	<1	0.85 J	2.3 J	<10	<10	1.4	<1	<1	1.8	<1	<1	ND
BP-4A	Monitoring Well	10/13/21	N	0.53 J	72	2.5	<1.0	97	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.78 J	2.2 J	<10	<10	1.5	<1.0	0.11 J	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	10/13/21	FD	0.53 J	72	3	<1.0	96	11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.75 J	<10	<10	<10	1.4	<1.0	0.11 J	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	12/08/21	N	0.46 J	82	0.38 J	<1.0	41	6.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.82 J	<10	<10	<10	1	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	02/10/22	N	0.36 J	48	0.24 J	<1.0	55	5.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.87 J	<10	<10	<10	0.76 J	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	04/12/22	N	0.44 J	70	2	<1.0	65	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.8 J	<10	<10	<10	1	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	04/12/22	FD	0.39 J	71	2.1	<1.0	64	11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.76 J	<10	<10	<10	0.91 J	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	08/03/22	N	0.59 J	130	2.7	<1.0	24	16	<1.0	<1.0	<1.0	0.22 J	<1.0	<1.0	0.85 J	<10	<10	<10	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	08/03/22	FD	0.61 J	110	1.9	<1.0	62	14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.83 J	<10	<10	<10	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	10/12/22	N	0.8 J	130	1.4 F1	<1.0	130	21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1	<10	<10	<10	1.9 F1	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	10/12/22	FD	0.68 J	130	1.4	<1.0	130	18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<10	<10	<10	1.8	<1.0	0.16 J	<1.0	<1.0	<1.0	ND
BP-4A	Monitoring Well	04/26/23	N	1.6	390	46	<0.50	74	62	<0.50	<0.50 F1	<0.50	0.26 J	<0.50	<0.50	1.4	<5.0	<5.0	<5.0	2 F1	<0.50 F1	<0.50 F1	0.14 J,F1	<0.50 F1	<0.50 F1	ND
BP-4A	Monitoring Well	04/26/23	FD	1.7	410	24	<0.50	76	56	<0.50	0.093 J	<0.50	0.26 J	<0.50	<0.50	1.4	<5.0	<5.0	<5.0	2.1	<0.50	<0.50	0.14 J	<0.50	0.073 J	0.073
BP-4A	Monitoring Well	08/09/23	N	<25 F1	240 F1	<25	<25 *+F1	15 J,F1	35	<25 F1	<25 F1	<25	<25	<25 F1	<25	<25	110 J,F1	<250 F1,F2	<250 F1	<25 F1	<25 F1	<25 F1	<25 F1	<25 F1	<25 F1	ND
BP-4A	Monitoring Well	08/09/23	FD	<25	280	<25	<25 *+	18 J	41	<25	<25	<25	<25	<25	<25	<25	140 J,*3	<250 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
BP-4A	Monitoring Well	11/01/23	N	<25	130	<25	<25	5.3 J	24 J,F1	<25	<25	<25 F1	<25	<25	<25	<25	110 J	<250	<250	<25 F1	<25	<25 F1	<25	<25	<25	ND
BP-4A	Monitoring Well	11/01/23	FD	<25	130	<25	<25	4.8 J	23 J	<25	<25	<25	<25	<25	<25	<25	110 J	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-4A	Monitoring Well	04/09/24	N	<25	5.6 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	430 F2,F1	<250 F1	<250 F1	<25	<25	<25 F1	<25	<25	<25	ND
BP-4A	Monitoring Well	04/09/24	FD	<25	6.4 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	420	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-4A	Monitoring Well	08/14/24	N	<25	5.6 J	<25	<25	<25	<25 F1	<25	<25	<25	<25	<25	<25	<25	110 J	<250 F1,*+	<250 F1	<25	<25	<25 F1	<25	<25	<25	ND
BP-4A	Monitoring Well	08/14/24	FD	<25	4.5 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	130 J	<250 *+	<250	<25	<25	<25	<25	<25	<25	ND
BP-4A	Monitoring Well	11/12/24	N	<25	4.3 J	<25	<25	<25	<25	<25	<25	<25 F1	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-4A	Monitoring Well	11/12/24	FD	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-4A	Monitoring Well	08/05/25	N	<25	<25	<25 F1	<25	<25	<25 F1	<25	<25	<25 F1	<25 F1	<25	<25	<25	<250	<250	<250	<25	<25	<25 F1	<25	<25	<25	ND
BP-4A	Monitoring Well	08/05/25	FD	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-5	Monitoring Well	07/27/06	N	<0.5	0.2 J	<0.5	<0.5	0.8	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	0.1
BP-5	Monitoring Well	07/27/06	N	<0.5	0.2 J	<0.5	<0.5	0.6	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	0.1
BP-5	Monitoring Well	08/16/06	N	<0.5	0.2 J	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	0.2 J	0.1 J	<0.5	<0.6	0.4 J	0.1 J	0.5
BP-5	Monitoring Well	09/28/06	N	<0.5	0.3 J	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.2 J	0.1 J	<0.5	0.2 J	0.2 J	0.1 J	0.3
BP-5	Monitoring Well	04/02/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5	Monitoring Well	06/12/07	N	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	<1	--	ND
BP-5	Monitoring Well	10/08/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5	Monitoring Well	11/27/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5	Monitoring Well	03/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5	Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5	Monitoring Well	06/12/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5	Monitoring Well	09/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5	Monitoring Well	12/08/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5	Monitoring Well	05/04/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	01/10/07	N	<0.5	2.7	<0.5	<0.5	5.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	<5	<5	<5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	02/20/07	N	<0.5	1.5	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	0.2 J	<0.5	0.2
BP-5A	Monitoring Well	04/02/07	N	<0.5	2.4	<0.5	<0.5	5.3	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	5.5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	06/12/07	N	<1	0.97 J	<1	<1	2.56	<1	<1	<1	<1	<1	<1	<1	0.39 J	5.55 J	<2	<1	<1	<1	--	<1	<1	--	ND
BP-5A	Monitoring Well	11/29/07	N	<0.5	1.7	<0.5	<0.5	3.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	03/12/08	N	<0.5	8.4	0.2 J	<0.5	23	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.6	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	06/13/08	N	<0.5	2.2	<0.5	<0.5	8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	3.6 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	12/09/08	N	<0.5	1.5	<0.5	<0.5	3.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	3 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	05/05/09	N	<0.5	6.8	0.1 J	<0.5	21	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.1	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	11/10/10	N	<0.5	10	0.3 J	<0.5	21	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	01/13/11	N	<0.5	17	0.5 J	<0.5	55	0.5 J	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	4.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	03/22/11	N	0.1 J	19	0.5 J	<0.5	51	8.7	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	5.4	<5	<5	<5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	05/17/11	N	0.2 J	18	1.2	<0.5	67	9.4	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	6.6	<5	<5	<5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	05/17/11	FD	0.1 J	22	1.3	<0.5	61	8	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	5.5	<5	<5	<5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	06/20/11	N	<0.5	23	1	<0.5	82	1.3	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	6.2	3.4 J	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	10/10/11	N	<0.5	22	0.5 J	<0.5	78	0.8	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	8.8	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	12/08/11	N	<0.5	26	0.7	<0.5	80	2.2	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	9.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	12/08/11	FD	<0.5	26	0.7	<0.5	83	2.2	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	9.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	03/20/12	N	<5	19	1.3 J	<5	71	3.5 J	<5	<5	<5	2.8 J	<5	<5	6.6	<50	<50	<50	<5	<5	<5	<5	<5	<5	ND
BP-5A	Monitoring Well	09/11/12	N	<0.5	11	0.2 J	<0.5	33	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.9	3.1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	04/09/13	N	0.2 J	25	2.2	<0.5	83	8.8	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	7	<5	<5	<5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	10/29/13	N	<5	16	<5	<5	46	<5	<5	<5	<5	<5	<5	<5	5.6	<50	<50	<50	<5	<5	<5	<5	<5	<5	ND
BP-5A	Monitoring Well	04/16/14	N	0.1 J	25	1.7	<0.5	66	9.3	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	6.3	4.3 J	<5	<5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	06/03/14	N	<0.5	23	2.4	<0.5	60	1	<0.5	0.1 J	<0.5	0.4 J	<0.5	<0.5	6.7	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	09/10/14	N	<5	11	1.5 J	<5	27	<5	<5	<5	<5	<5	<5	<5	2.9 J	<50	<50	<50	<5	<5	<5	<5	<5	<5	ND
BP-5A	Monitoring Well	04/08/15	N	<0.5	23	0.6	<0.5	33	6.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.8	<5	<5	<5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	06/23/15	N	<0.5	28	2.2	<0.5	35	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.6	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	0.2 J	<0.5	0.2
BP-5A	Monitoring Well	09/24/15	N	<0.5	28	1.4	<0.5	25	0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	4.4	<5	<5	<5	<0.5	0.2 J	<0.5	0.9	1	0.4 J	1.4
BP-5A	Monitoring Well	11/18/15	N	<0.5	9.8	0.3 J	<0.5	15	1.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	2.7	24	1.4 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	04/12/16	N	<0.5	41	0.9	<0.5	30	4.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.6	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	0.2
BP-5A	Monitoring Well	06/22/16	N	<0.5	21	0.5	<0.5	22	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.7	<5	<5	<5	<0.5	0.1 J	<0.5	0.4 J	0.5 J	0.3 J	0.8
BP-5A	Monitoring Well	09/21/16	N	<0.5	22	0.5	<0.5	32	0.3 J	<0.5	0.1 J	0.4 J	0.2 J	<0.5	<0.5	2.4	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-5A	Monitoring Well	04/25/17	N	<2.5	34	0.6 J	<2.5	25	11	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.6	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	06/20/17	N	<0.5	40	0.6	<0.5	25	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.9	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-5A	Monitoring Well	10/11/17	N	<2.5	19	<2.5	<2.5	19	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.3	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	04/18/18	N	<2.5	23	0.7 J	<2.5	20	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.3	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	06/13/18	N	<2.5	32	0.7 J	<2.5	29	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.1	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	09/26/18	N	<2.5	47	0.7 J	<2.5	33	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	6.8	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	03/27/19	N	<2.5	29	0.4 J	<2.5	22	0.8 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.6	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	06/12/19	N	<2.5	34	1.8 J	<2.5	30	<2.5	<2.5	<2.5	<2.5	0.4 J	<2.5	<2.5	4.5	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	09/18/19	N	<2.5	33	0.4 J	<2.5	9.7	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.9	13 J	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	04/14/20	N	<2.5	32	0.7 J	<2.5	32	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	5.2	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	09/09/20	N	<2.5	17	<2.5	<2.5	12	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	8.4 J	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	11/11/20	N	<2.5	8.5	<2.5	<2.5	8.1	2.2 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	04/13/21	N	<2.5	32	1.1 J	<2.5	32	1.2 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.6	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	06/30/21	N	<2.5	34	0.98 J	<2.5	30	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	5.1	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	10/13/21	N	<2.5	13	0.31 J	<2.5	17	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.1 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	04/13/22	N	<2.5	30	0.6 J	<2.5	27	13	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	08/02/22	N	<2.5	15	<2.5	<2.5	17	0.62 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.3 J	8.4 J	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	10/11/22	N	<2.5	19	<2.5	<2.5	16	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.1	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	04/26/23	N	<2.5	24	0.99 J	<2.5	27	0.83 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.3	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	08/10/23	N	<2.5	20	<2.5	<2.5 *+	27	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.3	<25 *3	<25 *3	<25 *3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	11/01/23	N	<2.5	39	0.6 J	<2.5	33	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	5.1	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	04/10/24	N	<2.5	34	0.81 J	<2.5	34	10	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.3	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	08/14/24	N	<2.5	46	0.71 J	<2.5	38	1.4 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	5.9	<25	<25 *+	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-5A	Monitoring Well	08/06/25	N	<2.5	18	<2.5	<2.5	25	0.63 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.2 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-6	Monitoring Well	07/25/06	N	0.3 J	4	<0.5	<0.5	86	0.1 J	<0.5	1.6	<0.5	<0.9	<0.5	<0.5	<0.5	620	20	9.5	7.2	<0.5	<0.5	3.7	0.3 J	0.1 J	0.4
BP-6	Monitoring Well	08/16/06	N	<0.5	2.1	<0.5	<0.5	18	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	750 J	26	12	1.1	0.2 J	<0.5	1.6	0.8	0.3 J	1.1
BP-6	Monitoring Well	09/27/06	N	0.2 J	5	<0.5	<0.5	46	0.1 J	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	1.1	1,000	39	20	3.2	<0.5	<0.5	1.5	<0.5	<0.5	ND
BP-6	Monitoring Well	01/09/07	N	<2.5	3.9	<2.5	<2.5	71	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1 J	1,200 J	26	21 J	2.6	<2.5	<2.5 J	2 J	<2.5	<2.5	ND
BP-6	Monitoring Well	01/09/07	FD	<2.5	4.1	<2.5	<2.5	75	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1 J	1,200	24 J	21 J	2.5	<2.5	<2.5	2 J	<2.5	<2.5	ND
BP-6	Monitoring Well	04/03/07	N	0.3 J	5.8	<0.5	<0.5	23	0.2 J	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	0.6	400	17 J	4.4 J	2.5	<0.5	<0.5	0.7	<0.5	<0.5	ND
BP-6	Monitoring Well	06/12/07	N	<2	19.28	<2	<2	18.42	<2	<2	<2	<2	<2	<2	<2	<2	399.46	13.41	9.03	1.32 J	<2	--	0.4 J	<2	--	ND
BP-6	Monitoring Well	06/12/07	FD	<2	20.33	<2	<2	22.77	0.61 J	<2	<2	<2	<2	<2	<2	0.62 J	474.09	15.03	11.68	1.31 J	<2	--	0.51 J	<2	--	ND
BP-6	Monitoring Well	10/08/07	N	0.2 J	10	<0.5	<0.5	24	0.4 J	<0.5	<0.5	0.1 J	0.3 J	<0.5	<0.5	0.4 J	490	12	2.7 J	1.1	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-6	Monitoring Well	11/27/07	N	<5	4 J	<5	<5	19	<5	<5	<5	<5	<5	<5	<5	<5	190	<50	<50	<5	<5	<5	<5	<5	<5	ND
BP-6	Monitoring Well	03/12/08	N	0.2 J	5.2	<0.5	<0.5	22	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	190	5.6	4 J	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-6	Monitoring Well	06/12/08	N	0.2 J	4.1	<0.5	<0.5	22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	780	23	3.2 J	0.7	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-6	Monitoring Well	09/10/08	N	0.1 J	3.2	<0.5	<0.5	20	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	320	6.8	1.2 J	0.6	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-6	Monitoring Well	12/08/08	N	0.1 J	3.3	<0.5	<0.5	21	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	19	3 J	1.1 J	0.7	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-6	Monitoring Well	05/04/09	N	0.1 J	2.2	<0.5	<0.5	19	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	240 J	7.1	1.1 J	0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-6	Monitoring Well	09/21/10	N	0.1 J	1.8	<0.5	<0.5	16	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	1,900	60	3 J	0.4 J	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-6	Monitoring Well	09/21/10	N	<0.5	1.8	<0.5	<0.5	16	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	1,800	56	3.1 J	0.4 J	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-6	Monitoring Well	01/12/11	N	<1.3	2	<1.3	<1.3	21	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	1,300	31	2.5 J	0.5 J	<1.3	<1.3	0.3 J	<1.3	<1.3	ND

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-6	Monitoring Well	01/12/11	N	<1.3	2	<1.3	<1.3	19	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	1,400	32	2.8 J	0.5 J	<1.3	<1.3	0.3 J	<1.3	<1.3	ND
BP-6	Monitoring Well	03/23/11	N	<1	2.1	<1	<1	21	<1	<1	<1	<1	<1	<1	<1	<1	960	27	2.7 J	0.5 J	<1	<1	0.2 J	0.2 J	<1	0.2
BP-6	Monitoring Well	03/23/11	N	<1	1.4	<1	<1	24	<1	<1	<1	<1	<1	<1	<1	0.2 J	570	13	2.4 J	0.3 J	<1	<1	0.2 J	<1	<1	ND
BP-6	Monitoring Well	05/16/11	N	<1	1.4	<1	<1	20	<1	<1	<1	<1	<1	<1	<1	0.2 J	560	17	3.4 J	0.3 J	<1	<1	<1	<1	<1	ND
BP-6	Monitoring Well	05/16/11	N	<1	1.4	<1	<1	21	0.2 J	<1	<1	<1	<1	<1	<1	0.2 J	550	15	3.4 J	0.3 J	<1	<1	<1	<1	<1	ND
BP-6	Monitoring Well	06/20/11	N	<1	1.1	<1	<1	21	<1	<1	<1	<1	0.5 J	<1	<1	0.2 J	720	13	<10	0.2 J	<1	<1	<1	<1	<1	ND
BP-6	Monitoring Well	10/10/11	N	<1	1.6	<1	<1	19	0.3 J	<1	<1	<1	<1	<1	<1	0.2 J	1,500	29	2 J	0.3 J	<1	<1	0.3 J	<1	<1	ND
BP-6	Monitoring Well	03/20/12	N	<1	1.4	<1	<1	15	<1	<1	<1	<1	<1	<1	<1	<1	1,000	25	<10	0.3 J	<1	<1	0.2 J	<1	<1	ND
BP-6	Monitoring Well	09/11/12	N	<1	1.2	<1	<1	13	0.2 J	<1	<1	<1	<1	<1	<1	<1	1,200	37	<10	0.2 J	<1	<1	0.2 J	<1	<1	ND
BP-6	Monitoring Well	09/11/12	FD	<1	1.4	<1	<1	15	<1	<1	<1	<1	0.5 J	<1	<1	<1	1,400	29	<10	0.3 J	<1	<1	0.3 J	<1	<1	ND
BP-6	Monitoring Well	04/09/13	N	0.1 J	1.7	<0.5	<0.5	19	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	90	7.3	1.2 J	0.3 J	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-6A	Monitoring Well	05/21/10	N	<25	180	<25	<25	4,900	47	<25	110	<25	37 J	<25	<25	10 J	2,800	<250	56 J	7.9 J	<25	<25	35	<25	<25	ND
BP-6A	Monitoring Well	08/03/10	N	13 J	990	6.8 J	<25	26,000	100	<25	300	<25	82	<25	8.2 J	25 J	1,500	<250	<250	32	5.2 J	<25	110	8.3 J	27	35.3
BP-6A	Monitoring Well	09/21/10	N	8.6 J	1,100	6 J	<25	19,000	47	<25	230	<25	69	<25	6 J	20 J	1,800	<250	<250	25 J	<25	<25	43	<25	15 J	15
BP-6A	Monitoring Well	11/10/10	N	<50	530	<50	<50	2,800	14 J	<50	64	<50	41 J	<50	<50	<50	1,900	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-6A	Monitoring Well	01/12/11	N	<100	2,300	<100	<100	5,400	52 J	<100	96 J	<100	42 J	<100	<100	<100	1,500	<1000	<1000	<100	<100	<100	<100	<100	<100	ND
BP-6A	Monitoring Well	03/23/11	N	<50	1,100	<50	<50	17,000	<50	<50	190	<50	54	<50	<50	13 J	<500	<500	<500	25 J	<50	<50	14 J	<50	<50	ND
BP-6A	Monitoring Well	05/16/11	N	13 J	1,500	<50	<50	42,000	12 J	<50	320	<50	87	<50	10 J	28 J	<500	<500	<500	37 J	<50	<50	29 J	<50	<50	ND
BP-6A	Monitoring Well	06/22/11	N	<250	1,700	<250	<250	32,000	<250	<250	290	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	10/10/11	N	<250	17,000	<250	<250	2,100	<250	<250	180 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	12/05/11	N	<250	12,000	<250	<250	1,400	<250	<250	150 J	<250	<250	<250	<250	<250	1,500 J	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	03/20/12	N	<250	4,200	<250	<250	15,000	<250	<250	220 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	09/11/12	N	24 J	12,000	34 J	<50	7,900	<50	<50	180	<50	<50	<50	<50	15 J	<500	<500	<500	24 J	<50	<50	<50	<50	<50	ND
BP-6A	Monitoring Well	04/09/13	N	13 J	5,800	<50	<50	10,000	<50	<50	140	<50	<50	<50	<50	<50	<500	<500	<500	18 J	<50	<50	<50	<50	<50	ND
BP-6A	Monitoring Well	10/29/13	N	46 J	16,000	50	<50	2,200	<50	<50	180	<50	<50	<50	<50	13 J	<500	<500	<500	25 J	<50	<50	<50	<50	<50	ND
BP-6A	Monitoring Well	10/29/13	FD	49 J	16,000	54	<50	940	<50	<50	170	<50	<50	<50	<50	14 J	<500	<500	<500	25 J	<50	<50	<50	<50	<50	ND
BP-6A	Monitoring Well	04/16/14	N	24 J	10,000	18 J	<50	5,200	17 J	<50	130	<50	<50	<50	<50	10 J	<500	<500	<500	21 J	<50	<50	<50	<50	<50	ND
BP-6A	Monitoring Well	06/05/14	N	20 J	7,400	23 J	<50	22,000	21 J	<50	220	<50	<50	<50	<50	19 J	<500	<500	<500	29 J	<50	<50	<50	<50	<50	ND
BP-6A	Monitoring Well	09/09/14	N	15 J	6,000	12 J	<50	15,000	<50	<50	190	<50	<50	<50	<50	15 J	<500	<500	<500	29 J	<50	<50	<50	<50	<50	ND
BP-6A	Monitoring Well	11/18/14	N	28 J	13,000	16 J	<50	1,600	68	<50	85	<50	<50	<50	<50	<50	<500	<500	<500	17 J	<50	<50	<50	<50	<50	ND
BP-6A	Monitoring Well	04/09/15	N	11 J	5,100	<50	<50	5,400	14 J	<50	80	<50	<50	<50	<50	<50	<500	<500	<500	14 J	<50	<50	<50	<50	<50	ND
BP-6A	Monitoring Well	06/24/15	N	33 J	6,500	20 J	<50	39,000	54	<50	400	<50	45 J	<50	12 J	38 J	<500	<500	<500	54	<50	<50	22 J	<50	14 J	14
BP-6A	Monitoring Well	09/22/15	N	<250	10,000	<250	<250	25,000	<250	<250	270	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	11/17/15	N	<250	12,000	<250	<250	15,000	60 J	<250	210 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	04/13/16	N	22 J	8,500	30	<25	4,800	190	<25	91	<25	<25	<25	5 J	11 J	<250	<250	<250	17 J	<25	<25	<25	<25	<25	ND
BP-6A	Monitoring Well	06/22/16	N	<100	6,100	<100	<100	15,000	<100	<100	170	<100	<100	<100	<100	20 J	<1000	<1000	<1000	27 J	<100	<100	<100	<100	<100	ND
BP-6A	Monitoring Well	09/21/16	N	45 J	18,000	29 J	<100	4,600	64 J	<100	130	<100	<100	<100	<100	<100	<1000	<1000	<1000	26 J	<100	<100	<100	<100	<100	ND
BP-6A	Monitoring Well	04/26/17	N	<250	16,000	57 J	<250	44,000	<250	<250	470	<250	<250	<250	<250	<250	<2500	<2500	<2500	60 J	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	06/21/17	N	75 J	30,000	<250	<250	21,000	260	<250	470	<250	<250	<250	<250	<250	<2500	<2500	<2500	56 J	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	10/11/17	N	57 J	37,000	66 J	<250	1,800	2,000	<250	240 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	04/18/18	N	<250	18,000	58 J	<250	45,000	220 J	<250	390	<250	<250	<250	<250	<250	<2500	<2500	<2500	57 J	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	06/13/18	N	72 J	25,000	51 J	<250	52,000	480	<250	520	<250	<250	<250	<250	62 J	<2500	<2500	<2500	71 J	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	09/26/18	N	85 J	47,000	52 J	<250	6,000	2,800	<250	330	<250	<250	<250	<250	49 J	<2500	<2500	<2500	47 J	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	03/27/19	N	130 J	48,000	160 J	<250	20,000	2,200	<250	470	<250	<250	<250	<250	74 J	<2500	<2500	<2500	70 J	<250	<250	67 J	<250	<250	ND
BP-6A	Monitoring Well	06/12/19	N	170 J	44,000	370	<250	62,000	1,400	<250	670	<250	54 J	<250	<250	68 J	750 J	<2500	380 J	100 J	59 J	<250	850	110 J	150 J	260
BP-6A	Monitoring Well	09/18/19	N	120 J	63,000	190 J	<250	4,200	8,100	<250	550	<250	<250	<250	<250	67 J	<2500	<2500	<2500	75 J	<250	<250	200 J	<250	43 J	43
BP-6A	Monitoring Well	04/15/20	N	170 J	46,000	330	<250	44,000	650	<250	600	<250	<250	<250	<250	72 J	610 J	<2500	<2500	91 J	38 J	<250	270	68 J	89 J	157
BP-6A	Monitoring Well	09/10/20	N	100 J	55,000	150 J	<250	720	6,700	<250	300	<250	<250	<250	<250	50 J	<2500	<2500	<2500	63 J	<250	<250	79 J	<250	<250	ND
BP-6A	Monitoring Well	11/11/20	N	<250	21,000	<250	<250	790	6,600	<250	150 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	45 J	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	04/14/21	N	68 J	24,000	66 J	<250	43,000	230 J	<250	490	<250	42 J	<250	<250	58 J	<2500	<2500	<2500	68 J	<250	<250	65 J	<250	<250	ND
BP-6A	Monitoring Well	06/30/21	N	110 J	47,000	170 J	<250	3,800	2,200	<250	410	<250	<250	<250	<250	50 J	<2500	<2500	<2500	60 J	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	10/13/21	N	46 J	30,000	40 J	<250	500	8,700	<250	230 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	47 J	<250	<250	<250	<250	<250	ND
BP-6A	Monitoring Well	04/13/22	N	150 J	41,000	180 J	<250	69,000	670	<250	670	<250	51 J	<250	<250	54 J	1,000 J	<2500	550 J	97 J	46 J	<250	690	79 J	130 J	209
BP-6A	Monitoring Well	08/03/22	N	70 J	57,000	140 J	<250	2,700	7,500	<250	450	<250	<250	<250	<250	43 J	<2500	<2500	<2500	66 J	<250	<250	160 J	<250	35 J	35
BP-6A	Monitoring Well	10/12/22	N	<250	25,000	130 J	<250	950	6,200	<250	280	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	52 J	<250	<250	ND
BP-6A	Monitoring Well	04/26/23	N	200 J	57,000	290	<250	31,000	1,600	<250	490	<250	<250	<250	<250	48 J	920 J	<2500	<2500	82 J	53 J	<250	620	130 J	140 J	270
BP-6A	Monitoring Well	08/09/23	N	170 J	77,000	260	<250	2,000	5,200	<250	490	<250	<250	<250	<250	<250	<2500	<2500	<2500	82 J	<250	<250	170 J	<250	56 J	56
BP-6A	Monitoring Well	11/01/23	N	<250	42,000	110 J	<250	700	16,000	<250	350	<250	<250	<250	<250	36 J	<2500	<2500	<2500	73 J	<250	<250	130 J	<250	<250	ND
BP-6A	Monitoring Well	04/10/24	N	240 J	92,000	150 J	<250	15,000	3,400	<250	570	<250	<250	<250	<250	47 J	<2500	<2500	<2500	82 J	110 J	<250	470	310	240 J	550
BP-6A	Monitoring Well	08/14/24	N	230 J	74,000	200 J	<500	560	3,700	<500	410 J	<500	<500	<500	<500	<500	<5000	<5000 *+	<5000	<500	<500	<500	300 J	<500	120 J	120
BP-6A	Monitoring Well	11/13/24	N	150 J	61,000	500	470 J	4,600	1,400	<500	350 J	<500	<500	500	<500	<500	<5000	<5000	<5000	<500	<500	<500	110 J	<500	<500	ND
BP-6A	Monitoring Well	04/09/25	N	250 J	65,000	330 J	<500	44,000	1,700	<500	570	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	410 J	<500	96 J	96
BP-6A	Monitoring Well	08/06/25	N	140 J	79,000	270 J	<500	1,900	10,000	<500	490 J	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500 *+	280 J	<500	72 J	72
BP-7A	Monitoring Well	01/11/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	02/20/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	0.3 J	0.1 J	0.4
BP-7A	Monitoring Well	04/03/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	06/12/07	N	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.5 J	<2	<1	<1	<1	--	<1	<1	--	ND
BP-7A	Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	11/28/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	03/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	06/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	06/13/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	09/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	12/09/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	08/27/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	05/17/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	09/22/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	05/17/11	N	<0.5	0.9	<0.5	<0.5	3.8	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	10/10/11	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	12/08/11	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	03/19/12	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	09/10/12	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	09/10/12	FD	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	04/08/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	10/29/13	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	09/09/14	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	09/09/14	FD	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	06/24/16	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.1 J	<0.5	0.3 J	0.4 J	0.2 J	0.6
BP-7A	Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.8	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.8	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	06/11/19	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.6	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	09/08/20	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-7A	Monitoring Well	06/28/21	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-7A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-7A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50 *+	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	140	9.9	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-7A	Monitoring Well	08/14/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	310	<5.0 *+	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-7A	Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	260	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-8A	Monitoring Well	01/11/07	N	<0.5	0.1 J	<0.5	<0.5	11	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	02/21/07	N	<0.5	0.6	<0.5	<0.5	17	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	0.2 J	<0.5	0.2
BP-8A	Monitoring Well	04/04/07	N	<0.5	0.1 J	<0.5	<0.5	8.5	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	06/14/07	N	<1	0.41 J	<1	<1	20.27	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	<1	--	ND
BP-8A	Monitoring Well	11/28/07	N	<0.5	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	03/11/08	N	<0.5	0.2 J	<0.5	<0.5	10	<0.5	0.2 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	06/13/08	N	<0.5	0.3 J	<0.5	<0.5	18	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	05/05/09	N	<0.5	0.5 J	<0.5	<0.5	21	<0.5	0.3 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	11/11/10	N	<0.5	0.3 J	<0.5	<0.5	17	<0.5	0.2 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	01/11/11	N	<0.5	0.5 J	<0.5	<0.5	23	<0.5	0.3 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	03/23/11	N	<0.5	<0.5	<0.5	<0.5	4.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	05/17/11	N	<0.5	8.3	<0.5	<0.5	23	0.5 J	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	06/22/11	N	<0.5	0.5	<0.5	<0.5	19	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	3.6 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	10/11/11	N	<0.5	1.5	<0.5	<0.5	32	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	03/20/12	N	<0.5	0.8	<0.5	<0.5	27	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	04/11/13	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	06/05/14	N	<0.5	0.8	<0.5	<0.5	28	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-8A	Monitoring Well	11/20/14	N	<0.5	0.9	<0.5	<0.5	4.3	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	5.1	<5	<5	<0.5	0.3 J	<0.5	1.3	1.5	0.5	2
BP-8A	Monitoring Well	06/24/16	N	<0.5	1.3	<0.5	<0.5	16	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	0.4 J	0.2 J	0.6
BP-8A	Monitoring Well	06/21/17	N	<0.5	3.6	<0.5	<0.5	19	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	5.9	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	06/11/18	N	<0.5	2.9	<0.5	<0.5	20	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	14	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	06/11/19	N	<0.5	6.3	<0.5	<0.5	18	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	0.05 J	4.9 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	09/09/20	N	<0.50	1.3	<0.50	<0.50	2.4	<0.50	<0.50	0.14 J	<0.50	<0.50	<0.50	<0.50	<0.50	7.2	1.7 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-8A	Monitoring Well	06/28/21	N	<0.5	3.9	<0.5	<0.5	30	<0.5	0.071 J	0.18 J	<0.5	<0.5	<0.5	<0.5	<0.5	9.1	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-8A	Monitoring Well	08/01/22	N	<0.50	2.4	<0.50	<0.50	6.9	<0.50	<0.50	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	14	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-8A	Monitoring Well	08/09/23	N	0.15 J	47	<0.50	<0.50 *+	1.7	2.3	<0.50	0.63	<0.50	0.25 J	<0.50	<0.50	0.12 J	16	1.4 J	<5.0	<0.50	0.16 J	0.18 J	<0.50	0.43 J	<0.50	0.43
BP-8A	Monitoring Well	08/14/24	N	<0.50	4.9	<0.50	<0.50	3.9	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	100	<5.0 *+	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-8A	Monitoring Well	08/05/25	N	<0.50	0.95	<0.50	<0.50	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	120	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-9A	Monitoring Well	01/10/07	N	<50	170	<50	<50	7,000	30 J	<50	68	<50	<50	<50	<50	32 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-9A	Monitoring Well	02/21/07	N	5.8 J	390	<25	<25	2,800	11 J	<25	37	<25	<25	<25	<25	19 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	04/03/07	N	5.8 J	310	<25	<25	3,100	9.8 J	<25	22 J	<25	<25	<25	<25	22 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	06/13/07	N	<100	136	<100	<100	2,490	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<200	<100	<100	<100	--	<100	<100	--	ND
BP-9A	Monitoring Well	10/10/07	N	<25	64	<25	<25	1,300	<25	<25	7.4 J	<25	<25	<25	<25	5.9 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	11/28/07	N	<25	75	<25	<25	2,800	<25	<25	6.2 J	<25	<25	<25	<25	22 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	03/11/08	N	5 J	300	3.1 J	<10	2,400	5.7 J	<10	9.9 J	<10	<10	<10	<10	20	<100	<100	<100	3 J	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	06/11/08	N	2.4 J	240	<5	<5	1,400	<5	<5	11	<5	<5	<5	<5	13 J	<50 J	<50	<50	<5	<5	<5	<5	<5	<5	ND
BP-9A	Monitoring Well	09/11/08	N	<10	86	<10	<10	890	<10	<10	4 J	<10	<10	<10	<10	6.9 J	<100	<100	<100	<10	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	12/11/08	N	<25	86	<25	<25	3,300	8 J	<25	6.6 J	<25	17 J	<25	<25	22 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	05/04/09	N	5.2 J	140	<25	<25	3,400	11 J	<25	25	<25	<25	<25	<25	21 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	05/04/09	FD	<25	160	<25	<25	3,400	9.8 J	<25	25 J	<25	<25	<25	<25	22 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	08/28/09	N	5.9 J	250	<25	<25	4,100	11 J	<25	24 J	<25	15 J	<25	<25	23 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	05/18/10	N	6.4 J	440	<25	<25	3,600	13 J	<25	29	<25	<25	<25	<25	19 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	06/30/10	N	7.3 J	280	<25	<25	5,400	11 J	<25	52	<25	18 J	<25	<25	22 J	<250	<250	<250	5.4 J	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	06/30/10	FD	7.2 J	280	<25	<25	5,500	11 J	<25	51	<25	24 J	<25	<25	22 J	<250	<250	<250	5.2 J	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	08/04/10	N	<25	110	<25	<25	2,700	<25	<25	24 J	<25	<25	<25	<25	14 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	09/22/10	N	<25	150	<25	<25	1,700	<25	<25	9.2 J	<25	<25	<25	<25	10 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	11/11/10	N	6.1 J	120	<25	<25	3,500	5.3 J	<25	14 J	<25	<25	<25	<25	24 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	01/11/11	N	0.9 J	31	<2.5	<2.5	670	0.7 J	<2.5	5	<2.5	<2.5	<2.5	<2.5	2.7	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-9A	Monitoring Well	03/24/11	N	<25	300	5.9 J	<25	2,300	<25	<25	8.3 J	<25	<25	<25	<25	19 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	05/17/11	N	<25	180	<25	<25	2,700	8.2 J	<25	13 J	<25	<25	<25	<25	16 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	06/21/11	N	5.7 J	420	<25	<25	2,400	<25	<25	18 J	<25	<25	<25	<25	23 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	10/11/11	N	5.4 J	270	<25	<25	3,300	<25	<25	15 J	<25	<25	<25	<25	25 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	03/21/12	N	7.3 J	360	<25	<25	3,700	<25	<25	13 J	<25	10 J	<25	<25	23 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	09/12/12	N	<25	200	<25	<25	2,400	<25	<25	8.7 J	<25	13 J	<25	<25	12 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	04/12/13	N	5.4 J	260	<25	<25	2,400	<25	<25	8.2 J	<25	<25	<25	<25	19 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	10/30/13	N	5.1 J	350	<25	<25	3,500	9.3 J	<25	8.6 J	<25	<25	<25	<25	20 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	04/15/14	N	<25	230	<25	<25	2,400	<25	<25	7.5 J	<25	<25	<25	<25	14 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	06/03/14	N	2.1 J	100	<5	<5	1,200	3.7 J	<5	3.5 J	<5	<5	<5	<5	7.2	<50	<50	<50	<5	<5	<5	<5	<5	<5	ND
BP-9A	Monitoring Well	06/03/14	FD	2.2 J	100	<5	<5	1,200	3.2 J	<5	3.4 J	<5	<5	<5	<5	7.4	<50	<50	<50	<5	<5	<5	<5	<5	<5	ND
BP-9A	Monitoring Well	09/10/14	N	3.6 J	1,100	4.4 J	<5	840	2.7 J	<5	7.3	<5	<5	<5	<5	13	<50	<50	<50	<5	<5	<5	<5	<5	<5	ND
BP-9A	Monitoring Well	11/19/14	N	3 J	460	2.7 J	<5	1,200	3.5 J	<5	6.8	<5	<5	1.5 J	<5	10	<50	<50	<50	<5	<5	<5	<5	<5	<5	ND
BP-9A	Monitoring Well	04/08/15	N	5.6	1,000	3.6 J	<5	1,900	17	<5	13	<5	<5	<5	<5	23	<50	<50	<50	1.8 J	<5	<5	<5	<5	<5	ND
BP-9A	Monitoring Well	06/23/15	N	6.7	1,800	6.8	<5	2,000	130	<5	12	<5	<5	<5	<5	16	<50	<50	<50	3.8 J	<5	<5	<5	<5	<5	ND
BP-9A	Monitoring Well	09/22/15	N	12	5,700	23	<5	160	62	<5	12	<5	<5	<5	<5	25	<50	<50	<50	5 J	<5	<5	<5	<5	<5	ND
BP-9A	Monitoring Well	11/17/15	N	7.5 J	2,900	12 J	<25	280	52	<25	<25	<25	<25	<25	<25	22 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	04/12/16	N	7 J	2,100	8.5 J	<25	280	190	<25	<25	<25	<25	<25	<25	20 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	06/21/16	N	5.1 J	1,400	10 J	<25	210	85	<25	<25	<25	<25	<25	<25	15 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	09/20/16	N	7.1 J	2,400	11 J	<25	270	190	<25	<25	<25	<25	<25	<25	20 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	04/25/17	N	6.5	1,900	10	<5	950	360	<5	3.3 J	<5	<5	<5	<5	20	<50	<50	<50	4.1 J	<5	<5	<5	<5	<5	ND
BP-9A	Monitoring Well	06/20/17	N	4.7 J	1,200	7	<5	430	190	<5	<5	<5	<5	<5	<5	15	<50	<50	<50	2.4 J	<5	<5	<5	<5	<5	ND
BP-9A	Monitoring Well	10/10/17	N	11 J	4,100	27 J	<50	240	390	<50	<50	<50	<50	<50	<50	29 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-9A	Monitoring Well	04/18/18	N	4.5 J	1,200	10	<10	610	210	<10	<10	<10	<10	<10	<10	13	<100	<100	<100	2.8 J	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	06/12/18	N	5.9 J	1,800	8.9 J	<10	810	200	<10	2.4 J	<10	<10	<10	<10	16	<100	<100	<100	3.5 J	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	09/25/18	N	7.8 J	2,200	9 J	<10	950	310	<10	2.6 J	<10	1.8 J	<10	<10	21	<100	<100	<100	4.1 J	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	03/26/19	N	5.6 J	1,200	14	<10	630	160	<10	<10	<10	<10	<10	<10	19	<100	<100	<100	2.8 J	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	06/11/19	N	2.8 J	800	8.5 J	<10	250	81	<10	<10	<10	1.6 J	<10	<10	7 J	<100	<100	<100	1.5 J	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	09/17/19	N	5.3 J	1,200	10	<10	440	86	<10	<10	<10	<10	<10	<10	12	<100	<100	<100	2.2 J	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	04/15/20	N	3.4 J	610	5.9 J	<10	360	74	<10	<10	<10	<10	<10	<10	8.7 J	<100	<100	<100	1.5 J	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	09/10/20	N	5.9 J	2,100	28	<10	580	210	<10	2.8 J	<10	2.4 J	<10	<10	16	<100	<100	<100	3.1 J	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	11/11/20	N	3.3 J	1,000	6.4 J	<10	17	230	<10	<10	<10	<10	<10	<10	8.4 J	<100	<100	<100	1.7 J	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	04/14/21	N	<10	280	6 J	<10	8.8 J	160	<10	<10	<10	<10	<10	<10	12	<100	<100	<100	2 J	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	06/29/21	N	0.92	250	6.1	<0.5	19	110	<0.5	0.21 J	<0.5	0.42 J	<0.5	<0.5	17	11	<5	<5	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-9A	Monitoring Well	10/13/21	N	1	260	4.7	<1.0	140	130	<1.0	0.69 J	<1.0	0.27 J	<1.0	<1.0	11	<10	<10	<10	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-9A	Monitoring Well	04/12/22	N	0.4 J	200	3.8	<1.0	11	45	<1.0	<1.0	<1.0	0.76 J	<1.0	<1.0	11	42	15	<10	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-9A	Monitoring Well	08/02/22	N	0.6	330	6	<0.50	20	91	<0.50	0.16 J	0.19 J	0.97	<0.50	<0.50	13	260	67	<5.0	2.4	<0.50	<0.50	0.083 J	<0.50	<0.50	ND
BP-9A	Monitoring Well	10/11/22	N	<10	60	3.6 J	<10	3.6 J	20	<10	<10	<10	<10	<10	<10	11	26 J	92 J	<100	<10	<10	<10	<10	<10	<10	ND
BP-9A	Monitoring Well	04/25/23	N	0.11 J	33	1.4	<0.50	3.3	18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	6.3 *3	<5.0 *3	<5.0 *3	0.4 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-9A	Monitoring Well	08/08/23	N	<25	190	5 J	<25 *+	100	40	<25	<25	<25	<25	<25	<25	6.7 J	<250 *3	360 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	10/31/23	N	<50	59	<50	<50	8 J	<50	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-9A	Monitoring Well	04/09/24	N	<25	4.2 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	79 J	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	08/13/24	N	<25	9.3 J	7.8 J	<25	<25	8.3 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	11/12/24	N	<25	<25	5.2 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	04/09/25	N	<25	8.3 J	15 J	<25	<25	7 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-9A	Monitoring Well	08/06/25	N	<25	<25	5.6 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-10A	Monitoring Well	01/11/07	N	<0.5	0.4 J	<0.5	<0.5	3.6	<0.5	0.3 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	02/21/07	N	<0.5	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	0.2 J	<0.5	0.2
BP-10A	Monitoring Well	04/04/07	N	<0.5	0.4 J	<0.5	<0.5	4	<0.5	0.3 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	06/13/07	N	<1	<1	<1	<1	2.63	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	<1	--	ND
BP-10A	Monitoring Well	10/09/07	N	<0.5	0.1 J	<0.5	<0.5	3	<0.5	0.2 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	11/28/07	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	03/11/08	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	06/11/08	N	<0.5	0.1 J	<0.5	<0.5	2.7	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	09/10/08	N	<0.5	<0.5	<0.5	<0.5	2.2	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	12/11/08	FD	<0.5	<0.5	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	05/05/09	N	<0.5	0.1 J	<0.5	<0.5	2.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	08/27/09	N	<0.5	0.1 J	<0.5	<0.5	2.9	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	05/20/10	N	<0.5	0.2 J	<0.5	<0.5	2.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	09/22/10	N	<0.5	0.1 J	<0.5	<0.5	3.4	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	05/17/11	N	<0.5	0.1 J	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	10/12/11	N	<0.5	0.2 J	<0.5	<0.5	2.8	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	03/19/12	N	<0.5	0.2 J	<0.5	<0.5	2.7	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	09/10/12	N	<0.5	<0.5	<0.5	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	04/08/13	N	<0.5	0.2 J	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	10/30/13	N	<0.5	<0.5	<0.5	<0.5	3.2	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	09/10/14	N	<0.5	<0.5	<0.5	<0.5	2.9	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	09/23/15	N	<0.5	0.5 J	<0.5	<0.5	2.5	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	06/23/16	N	<0.5	0.3 J	<0.5	<0.5	2.3	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	06/21/17	N	<0.5	0.5 J	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	06/11/18	N	<0.5	0.7	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	13	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	06/11/19	N	<0.5	1.3	<0.5	<0.5	3.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	6.2	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	09/09/20	N	<0.50	0.73	<0.50	<0.50	3.5	<0.50	0.1 J	<0.50	<0.50	<0.50	<0.50	<0.50	0.071 J	19	1.2 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-10A	Monitoring Well	06/28/21	N	<0.5	5.5	<0.5	<0.5	12	<0.5	0.13 J	0.11 J	<0.5	<0.5	<0.5	<0.5	0.18 J	6.4	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-10A	Monitoring Well	08/01/22	N	<0.50	2.6	<0.50	<0.50	6.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	93	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-10A	Monitoring Well	08/09/23	N	<0.50	2.8	<0.50	<0.50 *+	6.2	<0.50	<0.50	0.095 J	<0.50	<0.50	<0.50	<0.50	<0.50	35	2.1 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-10A	Monitoring Well	08/14/24	N	<0.50	2.7	<0.50	<0.50	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	380	<5.0 *+	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-10A	Monitoring Well	08/06/25	N	<0.50	0.83	<0.50	<0.50	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	43	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-11A	Monitoring Well	01/11/07	N	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	01/11/07	FD	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	02/21/07	N	<0.5	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	0.2 J	<0.5	0.2
BP-11A	Monitoring Well	02/21/07	FD	<0.5	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	0.2 J	<0.5	0.2
BP-11A	Monitoring Well	04/03/07	N	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	04/03/07	FD	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	NYS Surface Water & Groundwater Quality Standard			5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-11A	Monitoring Well	06/13/07	N	<1	<1	<1	<1	1.63	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	<1	--	ND
BP-11A	Monitoring Well	06/13/07	FD	<1	<1	<1	<1	1.42	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	<1	--	ND
BP-11A	Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	2.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	11/28/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	11/28/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	03/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5 J	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	03/11/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	06/11/08	N	<0.5	<0.5	<0.5	<0.5	3	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	06/11/08	FD	<0.5	<0.5	<0.5	<0.5	2.9	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	09/10/08	N	<0.5	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	12/09/08	N	<0.5	<0.5	<0.5	<0.5	3.6	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	3.7	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	08/27/09	N	<0.5	<0.5	<0.5	<0.5	4.8	<0.5	0.2 J	<0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	08/27/09	FD	<0.5	<0.5	<0.5	<0.5	5	<0.5	0.2 J	<0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	05/18/10	N	<0.5	<0.5	<0.5	<0.5	3.4	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	05/18/10	N	<0.5	<0.5	<0.5	<0.5	3.4	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	09/23/10	N	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	05/17/11	N	<0.5	<0.5	<0.5	<0.5	3.4	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	10/12/11	N	<0.5	<0.5	<0.5	<0.5	**5.3**	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	10/12/11	FD	<0.5	<0.5	<0.5	<0.5	4.9	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	03/19/12	N	<0.5	<0.5	<0.5	<0.5	2.8	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	03/19/12	FD	<0.5	<0.5	<0.5	<0.5	2.9	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	09/10/12	N	<0.5	<0.5	<0.5	<0.5	3.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	04/08/13	N	<0.5	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	10/30/13	N	<0.5	<0.5	<0.5	<0.5	3.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	09/09/14	N	<0.5	0.1 J	<0.5	<0.5	4.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	04/07/15	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	09/23/15	N	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	09/23/15	FD	<0.5	<0.5	<0.5	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	06/23/16	N	<0.5	<0.5	<0.5	<0.5	2.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	3.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	06/11/19	N	<0.5	<0.5	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.3	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	09/08/20	N	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	13	0.75 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-11A	Monitoring Well	06/28/21	N	<0.5	<0.5	<0.5	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.3	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-11A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**120**	1.2 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-11A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50 *+	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**110**	12	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-11A	Monitoring Well	08/14/24	N	<0.50	<0.50	<0.50	<0.50	0.93	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**270**	<5.0 *+	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-11A	Monitoring Well	08/06/25	N	<0.50	0.27 J	<0.50	<0.50	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**150**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-12A	Monitoring Well	01/10/07	N	<0.5	0.4 J	<0.5	<0.5	**7.3**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	02/20/07	N	<0.5	0.2 J	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	04/03/07	N	<0.5	0.2 J	<0.5	<0.5	2.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	06/13/07	N	<1	<1	<1	<1	1.63	<1	<1	<1	<1	<1	<1	<1	<1	11.28	<2	<1	<1	<1	--	<1	<1	--	ND
BP-12A	Monitoring Well	11/27/07	N	<0.5	0.4 J	<0.5	<0.5	**8.5**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	11/27/07	FD	<0.5	0.4 J	<0.5	<0.5	**8.6**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	03/12/08	N	<0.5	<0.5	<0.5	<0.5	4.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	06/13/08	N	<0.5	0.1 J	<0.5	<0.5	2.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	7.4	1.1 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	09/09/08	N	<0.5	0.1 J	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	12/09/08	N	<0.5	0.2 J	<0.5	<0.5	3	<0.5	<0.5	<0.5 J	<0.5	0.9	<0.5	<0.5	0.3 J	6	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	12/09/08	FD	<0.5	0.3 J	<0.5	<0.5	4.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	05/04/09	N	<0.5	<0.5	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	08/27/09	N	<0.5	0.3 J	<0.5	<0.5	4.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	05/17/10	N	<0.5	0.2 J	<0.5	<0.5	3.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	05/17/10	FD	<0.5	0.2 J	<0.5	<0.5	3.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	09/23/10	N	<0.5	0.1 J	<0.5	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	11/10/10	N	<0.5	0.4 J	<0.5	<0.5	**5.3**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	11/10/10	FD	<0.5	0.4 J	<0.5	<0.5	**6**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	01/10/11	N	<0.5	0.5 J	<0.5	<0.5	**15**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	03/22/11	N	<0.5	0.5	<0.5	<0.5	4.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	05/17/11	N	<0.5	0.2 J	<0.5	<0.5	3.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	06/20/11	N	<0.5	2.6	<0.5	<0.5	**18**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	10/12/11	N	<0.5	0.6	<0.5	<0.5	**7.5**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	12/08/11	N	<0.5	0.5	<0.5	<0.5	**6.2**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	03/19/12	N	<0.5	0.2 J	<0.5	<0.5	3.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	09/10/12	N	<0.5	0.8	<0.5	<0.5	**7.7**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	04/08/13	N	<0.5	0.3 J	<0.5	<0.5	3.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	10/29/13	N	<0.5	0.4 J	<0.5	<0.5	**5.3**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	04/16/14	N	<0.5	0.6	<0.5	<0.5	4.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	06/03/14	N	<0.5	0.3 J	<0.5	<0.5	3.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	09/09/14	N	<0.5	0.5	<0.5	<0.5	**6.4**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	11/19/14	N	<0.5	0.7	<0.5	<0.5	**7**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	04/08/15	N	<0.5	0.6	<0.5	<0.5	3.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	06/23/15	N	<0.5	0.8	<0.5	<0.5	**5.7**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	09/23/15	N	<0.5	<0.5	<0.5	<0.5	3.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	11/17/15	N	<0.5	0.7	<0.5	<0.5	5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	06/23/16	N	<0.5	0.2 J	<0.5	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.8 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	06/21/17	N	<0.5	0.3 J	<0.5	<0.5	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	9.3	1.2 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.9	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	06/11/19	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7.7	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	09/08/20	N	<0.50	<0.50	<0.50	<0.50	0.57	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.3 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-12A	Monitoring Well	06/28/21	N	<0.5	<0.5	<0.5	<0.5	0.36 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	0.38 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.7 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-12A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50 *+	0.42 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	30	2.4 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-12A	Monitoring Well	08/14/24	N	<0.50	<0.50	<0.50	<0.50	0.42 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**150**	2.1 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-12A	Monitoring Well	08/05/25	N	<0.50	<0.50	<0.50	<0.50	0.29 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**400**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-12D Port 1	Multi Level Monitoring Well	01/11/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	14	<5	<5	<0.5	<0.5	<0.5	2.7	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	02/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	3.1 J	1.4 J	<5	<0.5	<0.5	<0.5	**37**	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	04/04/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	04/04/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	07/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**9.6**	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	10/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	2.2	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	2.6	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	11/29/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	2.7	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	4	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	05/06/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	08/27/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	08/27/09	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	05/21/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	05/21/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	09/23/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.2 J	<0.5	<0.5	0.7	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	05/19/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	10/13/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	03/22/12	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	09/11/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	04/11/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	10/31/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	0.2 J	1.9	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	10/31/13	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	2.7	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	09/10/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	04/09/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	2	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	09/24/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1.5	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	06/23/16	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs: Dichloroethene (1,1-)	Chlorinated VOCs: Dichloroethene (cis-1,2-)	Chlorinated VOCs: Dichloroethene (trans-1,2-)	Chlorinated VOCs: Tetrachloroethene (PCE)	Chlorinated VOCs: Trichloroethene (TCE)	Chlorinated VOCs: Vinyl chloride	Chlorinated Methanes: Carbon tetrachloride	Chlorinated Methanes: Chloroform (Trichloromethane)	Chlorinated Methanes: Chloromethane	Chlorinated Methanes: Methylene Chloride (Dichloromethane)	Chlorinated Ethanes: Trichloroethane (1,1,1-)	Chlorinated Ethanes: Trichloroethane (1,1,2-)	Chlorinated Ethanes: Dichloroethane (1,2-)	Ketones: Acetone	Ketones: Butanone (2-) (MEK)	Ketones: Methyl-2-pentanone (4-) (MIBK)	Petroleum Hydrocarbons: Benzene	Petroleum Hydrocarbons: Ethylbenzene	Petroleum Hydrocarbons: Isopropylbenzene (Cumene)	Petroleum Hydrocarbons: Toluene	Petroleum Hydrocarbons: Xylene (m,p-)	Petroleum Hydrocarbons: Xylene (o-)	Petroleum Hydrocarbons: Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-12D Port 1	Multi Level Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	06/13/18	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	06/12/19	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	09/11/20	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	0.29 J	<0.50	<0.50	ND
BP-12D Port 1	Multi Level Monitoring Well	07/01/21	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.15 J	<0.5	<0.5	ND
BP-12D Port 1	Multi Level Monitoring Well	08/04/22	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	0.34 J	<0.50	<0.50	ND
BP-12D Port 1	Multi Level Monitoring Well	08/10/23	N	<0.50	<0.50	<0.50	<0.50 *+	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	0.31 J	<0.50	<0.50	ND
BP-12D Port 1	Multi Level Monitoring Well	08/15/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0 *+	<5.0 *+	<0.50	<0.50	<0.50	0.33 J	<0.50	<0.50	ND
BP-12D Port 1	Multi Level Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50 *+	0.56	<0.50	<0.50	ND
BP-12D Port 2	Multi Level Monitoring Well	01/11/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1.8	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	02/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**14**	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	02/21/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**19**	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	04/04/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**9**	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	07/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.2	6.3	<5	<0.5	<0.5	<0.5	**12**	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	10/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.2 J	<5	<0.5	<0.5	<0.5	**5.3**	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	06/12/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	2	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	09/13/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-12D Port 2	Multi Level Monitoring Well	05/06/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	ND
BP-12D Port 3	Multi Level Monitoring Well	01/11/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12 J	1.5 J	3.4 J	<0.5	<0.5	<0.5	**21 J**	<0.5	<0.5	ND
BP-12D Port 3	Multi Level Monitoring Well	01/11/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.3 J	<5	2.9 J	<0.5	<0.5	<0.5	**24 J**	<0.5	<0.5	ND
BP-12D Port 3	Multi Level Monitoring Well	02/21/07	N	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	13 J	5.6 J	<2.5	<2.5	<2.5	**350**	<2.5	<2.5	ND
BP-12D Port 3	Multi Level Monitoring Well	04/04/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	0.2 J	<0.5	<0.5	<0.5	19 J	25 J	6 J	<0.5	<0.5	<0.5	**260**	0.1 J	<0.5	0.1
BP-12D Port 3	Multi Level Monitoring Well	07/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	38 J	**52 J**	13 J	<0.5	<0.5	<0.5	**130**	<0.5	<0.5	ND
BP-12D Port 3	Multi Level Monitoring Well	07/09/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.6 J	4 J	<5 J	<0.5	<0.5	<0.5	**110**	<0.5	<0.5	ND
BP-12D Port 3	Multi Level Monitoring Well	10/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.2 J	4.6 J	<5	<0.5	<0.5	<0.5	**82**	<0.5	<0.5	ND
BP-12D Port 3	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.3 J	4 J	<5	<0.5	<0.5	<0.5	**34**	<0.5	<0.5	ND
BP-12D Port 3	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	2 J	<5	<0.5	<0.5	<0.5	3.8	<0.5	<0.5	ND
BP-12D Port 3	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.5 J	<5	<0.5	<0.5	<0.5	**5.5**	<0.5	<0.5	ND
BP-12D Port 3	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**21**	<0.5	<0.5	ND
BP-12D Port 3	Multi Level Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**13**	<0.5	<0.5	ND
BP-12D Port 3	Multi Level Monitoring Well	05/06/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**24**	<0.5	<0.5	ND
BP-12D Port 4	Multi Level Monitoring Well	01/11/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	2.4 J	<0.5	<0.5	<0.5	**22 J**	<0.5	<0.5	ND
BP-12D Port 4	Multi Level Monitoring Well	02/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	14	12	6.4 J	0.1 J	<0.5	<0.5	**280**	<0.5	0.1 J	0.1
BP-12D Port 4	Multi Level Monitoring Well	04/04/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	0.3 J	<0.5	<0.5	<0.5	36 J	47 J	13 J	0.1 J	<0.5	<0.5	**250**	<0.5	<0.5	ND
BP-12D Port 4	Multi Level Monitoring Well	07/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1 J	<5	<0.5	<0.5	<0.5	**34**	<0.5	<0.5	ND
BP-12D Port 4	Multi Level Monitoring Well	10/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	6.7	6	1.1 J	0.1 J	<0.5	<0.5	**180**	0.1 J	<0.5	0.1
BP-12D Port 4	Multi Level Monitoring Well	10/10/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	5.8	5.7	1.1 J	0.1 J	<0.5	<0.5	**180**	0.1 J	<0.5	0.1
BP-12D Port 4	Multi Level Monitoring Well	11/29/07	N	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	7.2 J	6.9 J	<10	<1	<1	<1	**170**	<1	<1	ND
BP-12D Port 4	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.8 J	3.2 J	<5	0.1 J	<0.5	<0.5	**160**	0.1 J	<0.5	0.1
BP-12D Port 4	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	2.6 J	<5	0.1 J	<0.5	<0.5	**140**	0.1 J	<0.5	0.1
BP-12D Port 4	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7.5	4.4 J	<5	0.1 J	<0.5	<0.5	**100**	0.1 J	<0.5	0.1
BP-12D Port 4	Multi Level Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.1	1.9 J	<5	0.1 J	<0.5	<0.5	**100**	0.1 J	<0.5	0.1
BP-12D Port 4	Multi Level Monitoring Well	05/06/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	**98**	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	01/11/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.6	<5	2.3 J	<0.5	<0.5	<0.5	**37 J**	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	02/21/07	N	<1	<1	<1	<1	<1	<1	<1	0.3 J	<1	<1	<1	<1	<1	<10	3.3 J	2.3 J	<1	<1	<1	**64**	<1	<1	ND
BP-12D Port 5	Multi Level Monitoring Well	04/04/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	6.6	5.2 J	1 J	<0.5	<0.5	<0.5	**70**	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	07/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	10	12	1.8 J	<0.5	<0.5	<0.5	**78**	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	10/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	0.2 J	<0.5	<0.5	<0.5	6.3	5.8 J	1 J	<0.5	<0.5	<0.5	**37 J**	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.1 J	3.6 J	<5	<0.5	<0.5	<0.5	**27 J**	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.7 J	<5	<0.5	<0.5	<0.5	**20**	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	1 J	<0.5	<0.5	<0.5	**21**	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**15**	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**14**	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	05/06/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**19**	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	09/11/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	ND
BP-12D Port 5	Multi Level Monitoring Well	04/11/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	01/11/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	11	2.5 J	2.6 J	<0.5	<0.5	<0.5	**26 J**	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	02/21/07	N	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	2.1 J	<1	<1	<1	**48**	<1	<1	ND
BP-12D Port 6	Multi Level Monitoring Well	04/04/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	2.1 J	<5	<0.5	<0.5	<0.5	**44**	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	07/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.1	7.3	1.6 J	<0.5	<0.5	<0.5	**37**	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	10/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	2.2 J	<5	<0.5	<0.5	<0.5	**16**	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**22**	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**23**	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**18**	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**17**	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	09/13/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**14**	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**10**	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	05/06/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**18**	<0.5	<0.5	ND
BP-12D Port 6	Multi Level Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	0.1 J	4.8	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	01/11/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	2.4 J	<0.5	<0.5	<0.5	**65 J**	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	02/21/07	N	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<10	<1	<1	<1	**88**	<1	<1	ND
BP-12D Port 7	Multi Level Monitoring Well	04/04/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1 J	<5	<0.5	<0.5	<0.5	**86**	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	07/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**35 J**	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	10/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.3	1.6 J	<5	<0.5	<0.5	<0.5	**10**	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.1 J	<5	<0.5	<0.5	<0.5	**22**	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**19**	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**28**	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1 J	<5	<0.5	<0.5	<0.5	**21**	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**31**	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	05/06/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**15**	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	10/31/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	09/10/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	04/09/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	0.1 J	0.2 J	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	09/24/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	06/23/16	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	06/13/18	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	06/12/19	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	3.2 J	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	09/11/20	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4 J	<5.0	<5.0	<0.50	<0.50	<0.50	0.15 J	<0.50	<0.50	ND
BP-12D Port 7	Multi Level Monitoring Well	07/01/21	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	0.063 J	0.19 J	<0.5	<0.5	ND
BP-12D Port 7	Multi Level Monitoring Well	08/04/22	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	0.36 J	<0.50	<0.50	ND
BP-12D Port 7	Multi Level Monitoring Well	08/10/23	N	<0.50	<0.50	<0.50	<0.50 *+	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	0.72	<0.50	<0.50	ND
BP-12D Port 7	Multi Level Monitoring Well	08/15/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0 *+	<5.0 *+	<0.50	<0.50	<0.50	0.091 J	<0.50	<0.50	ND
BP-12D Port 7	Multi Level Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50 *+	0.099 J	<0.50	<0.50	ND
BP-13A	Monitoring Well	01/10/07	N	<2.5	**5.7**	<2.5	<2.5	**120**	<2.5	1.1 J	1 J	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-13A	Monitoring Well	02/21/07	N	0.4 J	**14**	0.2 J	<0.5	**140**	0.2 J	0.9	0.9	<0.5	<0.5	<0.5	0.3 J	0.4 J	<5	<5	<5	0.1 J	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-13A	Monitoring Well	04/04/07	N	0.3 J	4.6	<0.5	<0.5	**100**	<0.5	1.4	0.9	<0.5	<0.5	<0.5	0.2 J	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	06/14/07	N	<5	**6.29**	<5	<5	**117.88**	<5	<5	<5	<5	<5	<5	<5	<5	<50	<10	<5	<5	<5	--	<5	<5	--	ND
BP-13A	Monitoring Well	11/28/07	N	0.3 J	4.8	0.1 J	<0.5	**120**	<0.5	2.3	1.3	<0.5	<0.5	<0.5	0.2 J	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	03/11/08	N	0.1 J	2	<0.5	<0.5	**46 J**	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	06/12/08	N	0.2 J	**6.7**	0.1 J	<0.5	**130**	<0.5	1.1	0.9	<0.5	<0.5	<0.5	0.2 J	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	09/10/08	N	0.2 J	**6.4**	0.2 J	<0.5	**90**	<0.5	1.2	0.8	<0.5	<0.5	<0.5	0.2 J	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	12/10/08	N	0.3 J	**5.2**	0.1 J	<0.5	**120**	<0.5	1.9	1 J	<0.5	<0.5	<0.5	0.2 J	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	05/07/09	N	0.2 J	4.2	<0.5	<0.5	**100**	<0.5	1.2	0.8	<0.5	<0.5	<0.5	0.2 J	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	10/29/13	N	0.2 J	**6**	0.1 J	<0.5	**110**	<0.5	1.7	0.8	<0.5	<0.5	<0.5	0.2 J	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	04/16/14	N	0.2 J	3.9	<0.5	<0.5	**93**	<0.5	1.1	0.6	<0.5	<0.5	<0.5	0.1 J	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	06/04/14	N	0.2 J	3.9	<0.5	<0.5	**89**	<0.5	1.1	0.6	<0.5	<0.5	<0.5	0.1 J	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	11/20/14	N	<0.5	2.5	<0.5	<0.5	**79**	<0.5	1.2	0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	04/08/15	N	0.2 J	4.3	<0.5	<0.5	**90**	<0.5	1.4	0.8	<0.5	<0.5	<0.5	0.1 J	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	06/24/15	N	0.2 J	3.6	<0.5	<0.5	**96**	<0.5	1.3	0.7	<0.5	<0.5	<0.5	0.1 J	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	09/24/15	N	<0.5	3.7	<0.5	<0.5	**54**	<0.5	0.6	0.6	<0.5	<0.5	<0.5	0.1 J	0.2 J	<5	<5	<5	<0.5	0.3 J	<0.5	1.2	1.3	0.6	1.9
BP-13A	Monitoring Well	11/18/15	N	0.1 J	4.1	<0.5	<0.5	**86**	<0.5	1.3	0.8	<0.5	<0.5	<0.5	0.1 J	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs: Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Chlorinated Methanes: Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Chlorinated Ethanes: Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Ketones: Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Petroleum Hydrocarbons: Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-13A	Monitoring Well	04/12/16	N	<0.5	1.1	<0.5	<0.5	31	<0.5	0.7	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	06/21/16	N	0.2 J	3.7	<0.5	<0.5	95	<0.5	1.2	0.7	<0.5	<0.5	<0.5	0.2 J	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	09/21/16	N	<0.5	2	<0.5	<0.5	54	<0.5	0.7	0.6	<0.5	<0.5	<0.5	0.1 J	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-13A	Monitoring Well	04/25/17	N	<0.5	0.4 J	<0.5	<0.5	16	<0.5	0.9	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	06/20/17	N	<0.5	1.6	<0.5	<0.5	48	<0.5	1.3	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	10/11/17	N	<0.5	2.2	<0.5	<0.5	55	<0.5	0.7	0.6	<0.5	<0.5	<0.5	0.1 J	<0.5	3.6 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	04/18/18	N	<0.5	0.2 J	<0.5	<0.5	12	<0.5	0.9	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	06/13/18	N	<0.5	3.7	<0.5	<0.5	81	<0.5	2.1	0.8	<0.5	<0.5	<0.5	0.2 J	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	09/26/18	N	0.07 J	1.4	<0.5	<0.5	46	<0.5	1.1	0.4 J	<0.5	<0.5	<0.5	0.09 J	0.07 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	03/27/19	N	<0.5	0.8	<0.5	<0.5	19	<0.5	0.6	0.2 J	<0.5	<0.5	<0.5	<0.5	0.05 J	2.5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	06/12/19	N	<0.5	1	<0.5	<0.5	33	<0.5	1.6	0.4 J	<0.5	<0.5	<0.5	0.09 J	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	09/18/19	N	<0.5	1.5	<0.5	<0.5	25	<0.5	0.9	0.5	<0.5	<0.5	<0.5	0.09 J	0.06 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	04/14/20	N	<0.5	0.1 J	<0.5	<0.5	4.2	<0.5	1.3	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	0.9 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	09/09/20	N	<0.50	1.6	<0.50	<0.50	22	<0.50	0.84	0.47 J	<0.50	<0.50	<0.50	0.097 J	0.067 J	3.6 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	0.066 J	0.066
BP-13A	Monitoring Well	11/11/20	N	0.14 J	1.8	<0.50	0.065 J	68	<0.50	1.5	0.83	<0.50	<0.50	<0.50	0.2 J	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-13A	Monitoring Well	04/13/21	N	<0.5	0.7	<0.5	<0.5	17	<0.5	0.91	0.35 J	<0.5	<0.5	<0.5	<0.5	<0.5	1.1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	06/29/21	N	<0.5	3.7	<0.5	0.079 J	73	<0.5	2	0.73	<0.5	<0.5	<0.5	0.22 J	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13A	Monitoring Well	10/13/21	N	<1.0	1.2	<1.0	<1.0	22	<1.0	0.9 J	0.33 J	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-13A	Monitoring Well	04/13/22	N	<0.50	0.12 J	<0.50	<0.50	2.9	<0.50	0.52	0.16 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-13A	Monitoring Well	08/02/22	N	<0.50	2.6	<0.50	<0.50	30	<0.50	0.98	0.55	<0.50	<0.50	<0.50	0.17 J	<0.50	1.4 J	<5.0	<5.0	<0.50	0.095 J	<0.50	0.53	<0.50	<0.50	ND
BP-13A	Monitoring Well	10/12/22	N	0.13 J	2.3	<0.50	<0.50	54	<0.50	1.1	0.59	<0.50	<0.50	<0.50	0.14 J	0.094 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-13A	Monitoring Well	04/26/23	N	<0.50	0.99	<0.50	<0.50	23	<0.50	1.2	0.4 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-13A	Monitoring Well	08/09/23	N	<0.50	1.5	<0.50	<0.50	26	<0.50	1.3	0.46 J	<0.50	<0.50	<0.50	0.089 J	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-13A	Monitoring Well	10/31/23	N	<0.50	0.18 J	<0.50	<0.50	3.5	<0.50	0.46 J	0.12 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-13A	Monitoring Well	04/10/24	N	<0.50	0.34 J	<0.50	<0.50	5.1	<0.50	0.59	0.18 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-13A	Monitoring Well	08/14/24	N	<0.50	0.49 J	<0.50	<0.50	9.1	<0.50	0.59	0.19 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0 *+	<5.0 *+	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-13A	Monitoring Well	11/12/24	N	<0.50	9.3	<0.50	<0.50	19	<0.50	0.61	0.44 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-13A	Monitoring Well	08/06/25	N	<0.50	1.1	<0.50	<0.50	11	<0.50	0.82	0.57	<0.50	<0.50	<0.50	0.11 J	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50 *+	<0.50	<0.50	<0.50	ND
BP-13D Port 1	Multi Level Monitoring Well	01/11/07	N	0.2 J	16	0.3 J	<0.5	45	1.2	0.2 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.3 J	3.8 J	1.7 J	<5	0.1 J	<0.5	<0.5	54	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	02/21/07	N	0.2 J	5.2	<0.5	<0.5	17	0.5 J	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.2 J	3.5 J	<5	1 J	0.2 J	<0.5	<0.5	78 J	<0.5	0.1 J	0.1
BP-13D Port 1	Multi Level Monitoring Well	04/03/07	N	0.4 J	19 J	0.3 J	<0.5	62	2.4	0.5 J	0.6	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	0.1 J	<0.5	<0.5	58	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	11/29/07	N	0.4 J	19	0.1 J	<0.5	48 J	<1	0.1 J	0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	0.2 J	<0.5	<0.5	57 J	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	03/13/08	N	0.6	26 J	0.3 J	<0.5	130	3	0.5	1.2	<0.5	<0.5	<0.5	<0.5	0.5	<5	<5	<5	0.3 J	<0.5	<0.5	24	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	05/07/09	N	0.3 J	22	0.3 J	<0.5	71	1.4	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	0.1 J	<0.5	<0.5	0.9	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	10/31/13	N	0.2 J	20	0.2 J	<0.5	35	0.8	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	2.4	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	04/17/14	N	0.5	20	0.2 J	<0.5	58	1.9	0.2 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	0.1 J	<0.5	<0.5	1.5	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	04/09/15	N	0.4 J	35	0.2 J	<0.5	74	2.6	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	3	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	09/24/15	N	0.2 J	25	0.2 J	<0.5	34	0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.3 J	4.5 J	<5	<5	<0.5	<0.5	0.1 J	7.7	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	06/23/16	N	0.4 J	21	0.2 J	<0.5	54	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	06/21/17	N	0.5	36	0.3 J	<0.5	57	4.7	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	06/13/18	N	0.3 J	45	0.2 J	<0.5	53	2.4	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	3.8	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	06/12/19	N	0.5 J	61	0.4 J	<0.5	74	5.3	0.1 J	0.2 J	<0.5	0.2 J	<0.5	<0.5	0.3 J	<5	<5	<5	0.1 J	<0.5	<0.5	3.5	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	07/01/21	N	0.3 J	34	0.2 J	<0.5	29	6.1	<0.5	0.11 J	<0.5	0.1 J	<0.5	<0.5	0.18 J	<5	<5	<5	0.053 J	<0.5	<0.5	1.4	<0.5	<0.5	ND
BP-13D Port 1	Multi Level Monitoring Well	08/04/22	N	0.19 J	40	0.24 J	<0.50	20	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.21 J	3.8 J	<5.0	<5.0	<0.50	<0.50	<0.50	5.8	<0.50	<0.50	ND
BP-13D Port 1	Multi Level Monitoring Well	08/10/23	N	0.34 J	48	0.22 J	<0.50	28	6.4	<0.50	0.11 J	<0.50	<0.50	<0.50	<0.50	0.25 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	1.5	<0.50	<0.50	ND
BP-13D Port 1	Multi Level Monitoring Well	08/15/24	N	0.78	69	0.41 J	<0.50	37	14	0.11 J	0.18 J	<0.50	<0.50	<0.50	<0.50	0.38 J	<5.0	<5.0 *+	<5.0 *+	0.11 J	<0.50	<0.50	1.7	<0.50	<0.50	ND
BP-13D Port 2	Multi Level Monitoring Well	01/11/07	N	0.3 J	14	0.3 J	<0.5	76	0.9	0.5 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	0.1 J	<0.5	<0.5	11	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	02/21/07	N	0.4 J	21	0.3 J	<0.5	100	1	0.5	0.7	<0.5	<0.5	<0.5	<0.5	0.5	<5	<5	<5	<0.5	<0.5	<0.5	15	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	04/03/07	N	0.4 J	23	0.4 J	<0.5	120	1.6	0.5 J	0.7	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	<5	<0.5	<0.5	<0.5	13	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	07/10/07	N	<1	11	0.8 J	<1	75	0.6 J	0.2 J	0.4 J	<1	<1	<1	<1	0.4 J	<10	<10	<10	<1	<1	<1	12	<1	<1	ND
BP-13D Port 2	Multi Level Monitoring Well	10/10/07	N	0.2 J	11	0.1 J	<0.5	100 J	0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	1 J	<5	<0.5	<0.5	<0.5	4.8	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	11/29/07	N	0.4 J	19	0.2 J	<0.5	94 J	<1	0.4 J	0.6	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	<0.5	<0.5	<0.5	5.7	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	03/13/08	N	0.4 J	23	0.1 J	<0.5	130	1.4	0.3 J	0.7	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	0.1 J	<0.5	<0.5	5.2	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	06/12/08	N	0.3 J	16	0.1 J	<0.5	100	0.7	0.4 J	0.6	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	0.1 J	<0.5	<0.5	1.3	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	06/12/08	N	0.3 J	15	<0.5	<0.5	100	0.6	0.4 J	0.6	<0.5	<0.5	<0.5	<0.5	0.4 J	<5 J	<5	<5	0.1 J	<0.5	<0.5	1.1	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	06/12/08	FD	0.3 J	17	0.1 J	<0.5	110	0.7	0.2 J	0.6	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	0.1 J	<0.5	<0.5	1	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	09/13/08	N	0.4 J	12	0.1 J	<0.5	79	0.6	<0.5	0.6 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	12/12/08	N	0.3 J	12	<0.5	<0.5	77	0.4 J	0.2 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	05/07/09	N	0.3 J	15	0.1 J	<0.5	92	0.7	0.3 J	0.6	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13D Port 2	Multi Level Monitoring Well	05/07/09	FD	0.3 J	15	0.1 J	<0.5	80	0.7	0.3 J	0.6	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	01/11/07	N	0.1 J	8.8	0.3 J	<0.5	31	0.6	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	26	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	02/21/07	N	<0.5	2.1	<0.5	<0.5	19	0.1 J	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	43	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	04/03/07	N	<0.5	1.3	<0.5	<0.5	10	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.4 J	<5	<0.5	<0.5	<0.5	48 J	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	04/03/07	FD	<0.5	1.2	<0.5	<0.5	9.6	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	47 J	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	07/10/07	N	<0.5	0.7	<0.5	<0.5	4.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6	6.8	<5	<0.5	<0.5	<0.5	26 J	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	10/10/07	N	<0.5	0.8	<0.5	<0.5	5.1	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.9 J	<5	<0.5	<0.5	<0.5	34	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	11/29/07	N	<0.5	0.7	<0.5	<0.5	4.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	3.1 J	<5	<0.5	<0.5	<0.5	28	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	11/29/07	FD	<0.5	0.6	<0.5	<0.5	4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	27	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.6	<0.5	<0.5	<3.3	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.9 J	3.2 J	<0.5	<0.5	<0.5	5.3	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	06/12/08	N	<0.5	1	<0.5	<0.5	2.9	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.3 J	<5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	09/13/08	N	<0.5	1.3	<0.5	<0.5	2.3	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.6 J	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	12/12/08	N	<0.5	1.3	<0.5	<0.5	2	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	05/07/09	N	<0.5	1.2	<0.5	<0.5	1.3	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	08/27/09	N	<0.5	1.2	<0.5	<0.5	1.3	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	05/19/10	N	<0.5	1.6	<0.5	<0.5	0.9	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	09/23/10	N	<0.5	2.4	<0.5	<0.5	0.7	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	05/19/11	N	<0.5	2	<0.5	<0.5	0.4 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	10/13/11	N	<0.5	2	<0.5	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	03/22/12	N	<0.5	2	<0.5	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	09/12/12	N	<0.5	1.8	<0.5	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-13D Port 3	Multi Level Monitoring Well	04/11/13	N	<0.5	1.5	<0.5	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13D Port 4	Multi Level Monitoring Well	01/11/07	N	0.1 J	5.9	<0.5	<0.5	35 J	0.5 J	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.1 J	6.9	1.5 J	<5	<0.5	<0.5	<0.5	45 J	<0.5	<0.5	ND
BP-13D Port 4	Multi Level Monitoring Well	02/21/07	N	<1	2.4	<1	<1	16	<1	<1	0.3 J	<1	<1	<1	<1	<1	<10	<10	2.3 J	<1	<1	<1	81	<1	<1	ND
BP-13D Port 4	Multi Level Monitoring Well	04/03/07	N	<0.5	1.7	<0.5	<0.5	10	0.1 J	<0.5	0.2 J	<0.5	0.3 J	<0.5	<0.5	<0.5	6.7	11 J	1.1 J	<0.5	<0.5	<0.5	69 J	<0.5	<0.5	ND
BP-13D Port 4	Multi Level Monitoring Well	07/10/07	N	<0.5	1.2	<0.5	<0.5	6	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7.9	17	1.6 J	0.1 J	<0.5	<0.5	2.8	<0.5	<0.5	ND
BP-13D Port 4	Multi Level Monitoring Well	10/10/07	N	<0.5	1.2	<0.5	<0.5	4.6	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<6.1	9.1	<5	<0.5	<0.5	<0.5	1	<0.5	<0.5	ND
BP-13D Port 4	Multi Level Monitoring Well	10/10/07	FD	<0.5	1.1	<0.5	<0.5	4.7	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<6.2	11	<5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	ND
BP-13D Port 4	Multi Level Monitoring Well	11/29/07	N	<0.5	1	<0.5	<0.5	4.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.5 J	9.3	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-13D Port 4	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.9	<0.5	<0.5	<3.6	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.2	11	3.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13D Port 4	Multi Level Monitoring Well	06/12/08	N	<0.5	2.1	<0.5	<0.5	2.8	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.2 J	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13D Port 4	Multi Level Monitoring Well	09/13/08	N	<0.5	2.8	<0.5	<0.5	1.6	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-13D Port 4	Multi Level Monitoring Well	12/12/08	N	<0.5	3.1	<0.5	<0.5	1.4	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-13D Port 4	Multi Level Monitoring Well	05/07/09	N	<0.5	2.3	<0.5	<0.5	0.9	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	01/11/07	N	<0.5	2.8	<0.5	<0.5	0.5	0.3 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.5 J	3.2 J	2.4 J	2.5 J	<0.5	<0.5	<0.5	110 J	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	02/21/07	N	<1	1.8	<1	<1	7.6	<1	<1	0.2 J	<1	<1	<1	<1	<1	<10	2.7 J	<10	<1	<1	<1	150	<1	<1	ND
BP-13D Port 5	Multi Level Monitoring Well	04/03/07	N	<0.5	1.3	<0.5	<0.5	4.8	0.1 J	<0.5	0.2 J	<0.5	0.2 J	<0.5	<0.5	<0.5	8.3	15 J	1.5 J	0.1 J	<0.5	<0.5	140	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	07/10/07	N	<0.5	1	<0.5	<0.5	3.6	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	15	1.5 J	0.1 J	<0.5	<0.5	180	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	10/10/07	N	<0.5	0.8	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	15	19 J	2.1 J	0.1 J	<0.5	<0.5	89	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	11/29/07	N	<0.5	0.6	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	28	51	4.3 J	0.1 J	<0.5	<0.5	92	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.7	<0.5	<0.5	<2.4	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.7	9.9	3.6 J	<0.5	<0.5	<0.5	97	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	06/12/08	N	<0.5	1.1	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	13	20	1.9 J	0.1 J	<0.5	<0.5	80	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	09/13/08	N	<0.5	1.6	<0.5	<0.5	1.8	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	3.5 J	<5	0.1 J	<0.5	<0.5	55	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	12/12/08	N	<0.5	1.7	<0.5	<0.5	1.8	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.2 J	<5	0.1 J	<0.5	<0.5	58	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	05/07/09	N	<0.5	1.4	<0.5	<0.5	1.3	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.3 J	<5	0.1 J	<0.5	<0.5	60	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	10/31/13	N	<0.5	2.2	<0.5	<0.5	0.4 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	12	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	04/17/14	N	<0.5	2.5	<0.5	<0.5	0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.2 J	<0.5	<0.5	25	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	09/10/14	N	<0.5	1.9	<0.5	<0.5	0.3 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	15	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	04/09/15	N	<0.5	1.8	<0.5	<0.5	0.4 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	18	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	09/24/15	N	<0.5	2.8	<0.5	<0.5	0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.2 J	<0.5	<0.5	9.1	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	06/23/16	N	<0.5	1.5	<0.5	<0.5	0.3 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	5.7	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	06/21/17	N	<0.5	1.5	<0.5	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	0.1 J	6	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	06/13/18	N	<0.5	1.4	<0.5	<0.5	0.4 J	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	4.8	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	06/12/19	N	<0.5	1	<0.5	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	3.8	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	09/11/20	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1 J	<5.0	<5.0	<0.50	<0.50	<0.50	0.086 J	<0.50	<0.50	ND
BP-13D Port 5	Multi Level Monitoring Well	07/01/21	N	<0.5	0.74	<0.5	<0.5	0.33 J	0.24 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5.0	0.11 J	<0.5	<0.5	2.7	<0.5	<0.5	ND
BP-13D Port 5	Multi Level Monitoring Well	08/04/22	N	<0.50	0.53	<0.50	<0.50	0.29 J	0.19 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	2.3	<0.50	<0.50	ND
BP-13D Port 5	Multi Level Monitoring Well	08/10/23	N	<0.50	0.56	<0.50	<0.50	0.31 J	0.18 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0 *3	<5.0 *3	<5.0 *3	0.11 J	<0.50	<0.50	1.3	<0.50	<0.50	ND
BP-13D Port 5	Multi Level Monitoring Well	08/15/24	N	<0.50	0.35 J	<0.50	<0.50	0.2 J	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	0.5	<0.50	<0.50	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-13D Port 5	Multi Level Monitoring Well	08/06/25	N	<0.50	0.66	<0.50	<0.50	0.27 J	0.14 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	0.1 J	<0.50	<0.50	0.48 J	<0.50	<0.50	ND
BP-13D Port 6	Multi Level Monitoring Well	01/11/07	N	<2.5	2.3 J	<2.5	<2.5	4.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<25	<2.5	<2.5	<2.5	250	<2.5	<2.5	ND
BP-13D Port 6	Multi Level Monitoring Well	02/21/07	N	<2.5	0.9 J	<2.5	<2.5	2.1 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	14 J	6.9 J	<2.5	<2.5	<2.5	310	<2.5	<2.5	ND
BP-13D Port 6	Multi Level Monitoring Well	04/03/07	N	<0.5	1	<0.5	<0.5	2.1	0.1 J	<0.5	0.2 J	<0.5	0.3 J	<0.5	<0.5	<0.5	24 J	41 J	3.5 J	0.3 J	<0.5	<0.5	400 J	<0.5	<0.5	ND
BP-13D Port 6	Multi Level Monitoring Well	07/10/07	N	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	42 J	37 J	<50	<5	<5	<5	300 J	<5	<5	ND
BP-13D Port 6	Multi Level Monitoring Well	07/10/07	FD	<5	<5	<5	<5	1.5 J	<5	<5	<5	<5	<5	<5	<5	<5	<50	13 J	<50	<5	<5	<5	670 J	<5	<5	ND
BP-13D Port 6	Multi Level Monitoring Well	10/10/07	N	<5	<5	<5	<5	1.4 J	<5	<5	<5	<5	<5	<5	<5	<5	<50	11 J	<50	<5	<5	<5	410 J	<5	<5	ND
BP-13D Port 6	Multi Level Monitoring Well	11/29/07	N	<0.5	0.8	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	18	2.4 J	0.3 J	0.1 J	<0.5	560 J	0.2 J	<0.5	0.2
BP-13D Port 6	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.7	<0.5	<0.5	<1.4	0.2 J	<0.5	<0.5	<0.5 J	<0.5	<0.5	<0.5	<0.5	17 J	18 J	4.3 J	0.3 J	0.1 J	<0.5	530	0.2 J	<0.5	0.2
BP-13D Port 6	Multi Level Monitoring Well	03/13/08	FD	<0.5	<0.7	<0.5	<0.5	<1.4	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.8 J	14	4.2 J	0.3 J	0.1 J	<0.5	530	0.2 J	<0.5	0.2
BP-13D Port 6	Multi Level Monitoring Well	06/12/08	N	<2.5	0.7 J	<2.5	<2.5	0.9 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	38	35	<25	<2.5	<2.5	<2.5	280	<2.5	<2.5	ND
BP-13D Port 6	Multi Level Monitoring Well	09/13/08	N	<5	<5	<5	<5	1.1 J	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<50	<5	<5	<5	340	<5	<5	ND
BP-13D Port 6	Multi Level Monitoring Well	12/12/08	N	<2.5	1 J	<2.5	<2.5	1 J	<2.5	<2.5	1.1 J	<2.5	<2.5	<2.5	<2.5	<2.5	15 J	11 J	<25	<2.5	<2.5	<2.5	370	<2.5	<2.5	ND
BP-13D Port 6	Multi Level Monitoring Well	05/07/09	N	<2.5	0.9 J	<2.5	<2.5	0.9 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	8 J	<25	<2.5	<2.5	<2.5	390	<2.5	<2.5	ND
BP-13D Port 6	Multi Level Monitoring Well	03/22/12	N	<0.5	3.6	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.2 J	<5	0.2 J	<0.5	<0.5	64	0.1 J	<0.5	0.1
BP-13D Port 6	Multi Level Monitoring Well	09/12/12	N	<0.5	3.3	<0.5	<0.5	0.2 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.2 J	<0.5	<0.5	94	0.1 J	<0.5	0.1
BP-13D Port 6	Multi Level Monitoring Well	04/11/13	N	<0.5	4.2	<0.5	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.3 J	0.1 J	<0.5	110 E	0.2 J	<0.5	0.2
BP-13D Port 7	Multi Level Monitoring Well	01/11/07	N	<0.5	0.4 J	<0.5	<0.5	1.8	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	6 J	1.4 J	<5	<0.5	<0.5	<0.5	50	<0.5	<0.5	ND
BP-13D Port 7	Multi Level Monitoring Well	02/21/07	N	<1	<1	<1	<1	0.8 J	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<10	<1	<1	<1	70	<1	<1	ND
BP-13D Port 7	Multi Level Monitoring Well	04/03/07	N	<0.5	0.1 J	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	6 J	2.6 J	<5	<0.5	<0.5	<0.5	78	<0.5	<0.5	ND
BP-13D Port 7	Multi Level Monitoring Well	07/10/07	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.3 J	2.4 J	<5	<0.5	<0.5	<0.5	28	<0.5	<0.5	ND
BP-13D Port 7	Multi Level Monitoring Well	10/10/07	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	4.6 J	<5	<0.5	<0.5	<0.5	4.2	<0.5	<0.5	ND
BP-13D Port 7	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	3.6 J	<5	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	ND
BP-13D Port 7	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	3.2 J	<0.5	<0.5	<0.5	17	<0.5	<0.5	ND
BP-13D Port 7	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	ND
BP-13D Port 7	Multi Level Monitoring Well	09/13/08	N	<5	<5	<5	<5	2.3 J	<5	<5	<5	<5	<5	<5	<5	<5	67	31 J	<50	<5	<5	<5	17	<5	<5	ND
BP-13D Port 7	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	13	7.3	<5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	ND
BP-13D Port 7	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-14A	Monitoring Well	06/14/07	N	<1	<1	<1	<1	0.22 J	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	0.45 J	--	0.45
BP-14A	Monitoring Well	11/28/07	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	12/11/07	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	06/13/08	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	05/06/09	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	08/25/09	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	05/19/11	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	10/13/11	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	09/11/12	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	10/29/13	N	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	04/15/14	N	<0.5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	04/08/15	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	06/11/19	N	<0.5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	09/09/20	N	<0.50	<0.50	<0.50	<0.50	0.14 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.9 J	0.67 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-14A	Monitoring Well	06/28/21	N	<0.5	<0.5	<0.5	<0.5	0.27 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	0.25 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.1	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-14A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50	0.42 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0 *3	<5.0 *3	<5.0 *3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-14A	Monitoring Well	08/14/24	N	<0.50	<0.50	<0.50	<0.50	0.34 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-14A	Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	0.26 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-14D Port 1	Multi Level Monitoring Well	08/08/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7.4	<5	<5	<0.5	<0.5	<0.5	5.2	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.8 J	<5	<5	<0.5	<0.5	<0.5	3.4	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	09/05/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	2.2	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	2.6	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	08/27/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	09/23/10	N	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	<5	<5	0.4 J	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	05/19/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	05/19/11	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	10/13/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.9 J	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	10	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	09/12/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	04/11/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	10/31/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.8 J	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	09/10/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.7 J	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	04/09/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	09/24/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.3	<5	<5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	06/23/16	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-14D Port 1	Multi Level Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.4	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-14D Port 2	Multi Level Monitoring Well	08/07/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	87	1.1 J	<5	<0.5	<0.5	<0.5	10	<0.5	<0.5	ND
BP-14D Port 2	Multi Level Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	<5	<5	<0.5	<0.5	<0.5	25	<0.5	<0.5	ND
BP-14D Port 2	Multi Level Monitoring Well	09/05/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	<5	<5	<0.5	<0.5	<0.5	32 J	<0.5	<0.5	ND
BP-14D Port 2	Multi Level Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.2	<5 J	<5	<0.5	<0.5	<0.5	27	<0.5	<0.5	ND
BP-14D Port 2	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	15	<5	<5	<0.5	<0.5	<0.5	7	<0.5	<0.5	ND
BP-14D Port 2	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-14D Port 2	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.2 J	<5	<5	0.1 J	<0.5	<0.5	2.9	<0.5	<0.5	ND
BP-14D Port 2	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.2	<5	<5	<0.5	<0.5	<0.5	2.9	<0.5	<0.5	ND
BP-14D Port 2	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	ND
BP-14D Port 2	Multi Level Monitoring Well	12/12/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	ND
BP-14D Port 2	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	08/07/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	74 J	2.4 J	<5	<0.5	<0.5	<0.5	7.9 J	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	08/07/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	240 J	3.6 J	<5	0.4 J	<0.5	<0.5	16 J	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	68	1.4 J	<5	<0.5	<0.5	<0.5	9.9	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	09/05/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	49	1.2 J	<5	<0.5	<0.5	<0.5	9.3	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	09/05/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	56	1.2 J	<5	<0.5	<0.5	<0.5	9.8	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	79	2.5 J	<5	<0.5	<0.5	<0.5	12	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	110	3.7 J	<5	<0.5	<0.5	<0.5	11	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	35	1.2 J	3.3 J	<0.5	<0.5	<0.5	2.8	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	29	1.4 J	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	41	2.1 J	<5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	09/13/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	50	1.8 J	<5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	88	3.4 J	<5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	44 J	1.4 J	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	09/12/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.3 J	<5	<5	0.1 J	<0.5	<0.5	0.8	<0.5	<0.5	ND
BP-14D Port 3	Multi Level Monitoring Well	04/11/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	0.5	<0.5	<0.5	ND
BP-14D Port 4	Multi Level Monitoring Well	08/07/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	48	1.4 J	<5	<0.5	<0.5	<0.5	15	<0.5	<0.5	ND
BP-14D Port 4	Multi Level Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	19	<5	<5	<0.5	<0.5	<0.5	14	<0.5	<0.5	ND
BP-14D Port 4	Multi Level Monitoring Well	09/05/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	13	<5	<5	<0.5	<0.5	<0.5	14	<0.5	<0.5	ND
BP-14D Port 4	Multi Level Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.2 J	<5	<5	<0.5	<0.5	<0.5	13	<0.5	<0.5	ND
BP-14D Port 4	Multi Level Monitoring Well	10/09/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	21 J	<5 J	<5	<0.5	<0.5	<0.5	16	<0.5	<0.5	ND
BP-14D Port 4	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	220	6.2	2.6 J	0.1 J	<0.5	<0.5	7.9	<0.5	<0.5	ND
BP-14D Port 4	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.2	<5	3.2 J	<0.5	<0.5	<0.5	15	<0.5	<0.5	ND
BP-14D Port 4	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9	<5	<5	<0.5	<0.5	<0.5	5	<0.5	<0.5	ND
BP-14D Port 4	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	<5	<5	<0.5	<0.5	<0.5	2	<0.5	<0.5	ND
BP-14D Port 4	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	55	3 J	1.2 J	<0.5	<0.5	<0.5	2.1	<0.5	<0.5	ND
BP-14D Port 4	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	30 J	<5	<5	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	08/07/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	66	1 J	<5	<0.5	<0.5	<0.5	11	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	85 J	1.2 J	<5	<0.5	<0.5	<0.5	10	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs: Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Chlorinated Methanes: Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Chlorinated Ethanes: Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Ketones: Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Petroleum Hydrocarbons: Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	NYS Surface Water & Groundwater Quality Standard			5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-14D Port 5	Multi Level Monitoring Well	08/21/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	40 J	<5	<5	<0.5	<0.5	<0.5	8.9	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	09/05/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	53	<5 J	<5	<0.5	<0.5	<0.5	11	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	10/09/07	N	<1	<1	<1	<1	<1	<1	<1	<1	0.6 J	<1	<1	<1	<1	330	5.5 J	4.4 J	0.3 J	<1	<1	160	<1	<1	ND
BP-14D Port 5	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	80	1.7 J	<5	<0.5	<0.5	<0.5	11	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	11/29/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	61	1.1 J	<5	<0.5	<0.5	<0.5	11	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	35	<5	<5	<0.5	<0.5	<0.5	14	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	19	<5	<5	<0.5	<0.5	<0.5	2.7	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14	<5	<5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	25	1.2 J	<5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	28 J	<5	<5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	10/31/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.9	1.1 J	<5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7.9	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	09/10/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	04/09/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	09/24/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	1.7 J	0.1 J	<0.5	<0.5	0.7	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	06/23/16	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-14D Port 5	Multi Level Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
BP-14D Port 6	Multi Level Monitoring Well	08/07/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	81	2.6 J	2.1 J	0.1 J	<0.5	<0.5	99	<0.5	<0.5	ND
BP-14D Port 6	Multi Level Monitoring Well	08/21/07	N	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	110	2.7 J	3.6 J	0.3 J	<1	<1	100 J	<1	<1	ND
BP-14D Port 6	Multi Level Monitoring Well	09/05/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	130	2.2 J	3.5 J	0.3 J	<0.5	<0.5	250	<0.5	<0.5	ND
BP-14D Port 6	Multi Level Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	56	<5	<5	<0.5	<0.5	<0.5	10	<0.5	<0.5	ND
BP-14D Port 6	Multi Level Monitoring Well	11/29/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	410	7.2	2.5 J	0.2 J	<0.5	<0.5	160	<0.5	<0.5	ND
BP-14D Port 6	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	120 J	2.4 J	3.7 J	0.2 J	<0.5	<0.5	130	<0.5	<0.5	ND
BP-14D Port 6	Multi Level Monitoring Well	06/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	68	2.4 J	<5	0.2 J	<0.5	<0.5	9.4	0.1 J	<0.5	0.1
BP-14D Port 6	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	61	2.3 J	<5	0.2 J	<0.5	<0.5	6.8	<0.5	<0.5	ND
BP-14D Port 6	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	84	3.5 J	<5	0.3 J	<0.5	<0.5	5.9	<0.5	<0.5	ND
BP-14D Port 6	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	55 J	2 J	<5	0.3 J	<0.5	<0.5	5.5	<0.5	<0.5	ND
BP-14D Port 6	Multi Level Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	39	2.1 J	1.5 J	0.4 J	<0.5	<0.5	2.5	<0.5	<0.5	ND
BP-15A	Monitoring Well	11/29/07	N	<0.5	0.2 J	<0.5	<0.5	14	<0.5	0.2 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15A	Monitoring Well	12/11/07	N	<0.5	0.2 J	<0.5	<0.5	11	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15A	Monitoring Well	03/12/08	N	<0.5 J	0.1 J	<0.5 J	<0.5 J	6.6 J	<0.5 J	<0.5 J	<0.5 J	<0.5 J	<0.5 J	<0.5 J	<0.5 J	<0.5 J	<5 J	<5 J	<5 J	<0.5 J	<0.5 J	<0.5 J	<0.5 J	<0.5 J	<0.5 J	ND
BP-15A	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	3.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15A	Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15A	Monitoring Well	04/08/15	N	<0.5	<0.5	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15A	Monitoring Well	06/25/15	N	<0.5	<0.5	<0.5	<0.5	4.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.4 J	<5	<5	<0.5	<0.5	<0.5	0.4 J	0.3 J	<0.5	0.3
BP-15D Port 1	Multi Level Monitoring Well	12/12/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	23	2.7 J	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-15D Port 1	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-15D Port 1	Multi Level Monitoring Well	06/13/08	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	ND
BP-15D Port 1	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-15D Port 1	Multi Level Monitoring Well	05/20/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-15D Port 1	Multi Level Monitoring Well	09/23/10	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.2	<5	<5	0.3 J	<0.5	<0.5	1.8	<0.5	<0.5	ND
BP-15D Port 1	Multi Level Monitoring Well	05/19/11	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-15D Port 1	Multi Level Monitoring Well	10/13/11	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.2 J	<5	<5	<0.5	<0.5	<0.5	1	<0.5	<0.5	ND
BP-15D Port 1	Multi Level Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.1 J	<5	<5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	ND
BP-15D Port 1	Multi Level Monitoring Well	04/11/13	N	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-15D Port 1	Multi Level Monitoring Well	10/31/13	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.5	<5	<5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	ND
BP-15D Port 1	Multi Level Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	ND
BP-15D Port 2	Multi Level Monitoring Well	07/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	13 J	1.6 J	<5	<0.5	<0.5	<0.5	110	0.1 J	<0.5	0.1
BP-15D Port 2	Multi Level Monitoring Well	08/08/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	68 J	0.1 J	<0.5	0.1
BP-15D Port 2	Multi Level Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.6 J	1.2 J	<5	0.1 J	<0.5	<0.5	50	<0.5	<0.5	ND
BP-15D Port 2	Multi Level Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.2 J	<5	<0.5	<0.5	<0.5	30	<0.5	<0.5	ND
BP-15D Port 2	Multi Level Monitoring Well	11/30/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	22 J	<0.5	<0.5	ND
BP-15D Port 2	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	21	<0.5	<0.5	ND
BP-15D Port 2	Multi Level Monitoring Well	06/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	18	<0.5	<0.5	ND
BP-15D Port 2	Multi Level Monitoring Well	06/13/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	17	<0.5	<0.5	ND
BP-15D Port 2	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	16	<0.5	<0.5	ND
BP-15D Port 2	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	15	<0.5	<0.5	ND
BP-15D Port 2	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	18	<0.5	<0.5	ND
BP-15D Port 2	Multi Level Monitoring Well	08/27/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	21	<0.5	<0.5	ND
BP-15D Port 2	Multi Level Monitoring Well	09/12/12	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	07/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	14	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	08/08/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	4.6	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	08/08/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	3.8	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	4.8 J	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	08/21/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	3.3 J	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5 J	<5	<0.5	<0.5	<0.5	2.9	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	11/30/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7.4	<5	<5	<0.5	<0.5	<0.5	2.5	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	2	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	06/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-15D Port 3	Multi Level Monitoring Well	05/07/09	FD	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	07/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	120	2.2 J	<5	<0.5	<0.5	<0.5	78	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	08/08/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6	<5	<5	<0.5	<0.5	<0.5	37	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.1 J	<5	<5	<0.5	<0.5	<0.5	32	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	1.1 J	<5	<0.5	<0.5	<0.5	21	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	11/30/07	N	<0.5	0.2 J	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1 J	<5	<0.5	<0.5	<0.5	20	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	18	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	06/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	3.4	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	05/07/09	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	09/12/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15D Port 4	Multi Level Monitoring Well	04/11/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	07/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	350	10	1.2 J	0.8	<0.5	<0.5	40	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	08/08/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	1.4 J	<5	<0.5	<0.5	<0.5	50	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	33	4.8 J	<5	<0.5	<0.5	<0.5	44	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<27	4.8 J	<5	0.1 J	<0.5	<0.5	38	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	11/30/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.7	2.5 J	<5	0.1 J	<0.5	<0.5	45	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.3 J	<5	<0.5	<0.5	<0.5	34	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	03/13/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.2 J	1.5 J	<5	<0.5	<0.5	<0.5	37	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	06/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	9.7	2.6 J	<5	0.1 J	<0.5	<0.5	29	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.9 J	<5	<5	0.1 J	<0.5	<0.5	17	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.6	1.1 J	<5	0.1 J	<0.5	<0.5	13	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	9	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	10/31/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.1 J	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	09/10/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	04/09/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	09/24/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	06/23/16	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	06/13/18	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	06/12/19	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	09/11/20	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.92 J	<5.0	<5.0	0.1 J	<0.50	<0.50	0.11 J	<0.50	<0.50	ND
BP-15D Port 5	Multi Level Monitoring Well	07/01/21	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2 J	<5	<5	0.1 J	<0.5	<0.5	0.13 J	<0.5	<0.5	ND
BP-15D Port 5	Multi Level Monitoring Well	08/04/22	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	0.14 J	<0.50	<0.50	ND
BP-15D Port 5	Multi Level Monitoring Well	08/10/23	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0 *3	<5.0 *3	<5.0 *3	<0.50	<0.50	<0.50	0.11 J	<0.50	<0.50	ND
BP-15D Port 5	Multi Level Monitoring Well	08/15/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0 *+	<5.0 *+	0.13 J	<0.50	<0.50	0.25 J	<0.50	<0.50	ND
BP-15D Port 5	Multi Level Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	0.11 J	<0.50	<0.50	0.1 J	<0.50	<0.50	ND
BP-15D Port 6	Multi Level Monitoring Well	07/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	1.1 J	<5	<0.5	<0.5	<0.5	25	<0.5	<0.5	ND
BP-15D Port 6	Multi Level Monitoring Well	08/08/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7.3	<5	<5	<0.5	<0.5	<0.5	21	<0.5	<0.5	ND
BP-15D Port 6	Multi Level Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.2	<5	<5	<0.5	<0.5	<0.5	18	<0.5	<0.5	ND
BP-15D Port 6	Multi Level Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<11	2.7 J	<5	<0.5	<0.5	<0.5	8.6 J	<0.5	<0.5	ND
BP-15D Port 6	Multi Level Monitoring Well	10/09/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5 J	<5	<0.5	<0.5	<0.5	21 J	<0.5	<0.5	ND
BP-15D Port 6	Multi Level Monitoring Well	11/30/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	13	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	NYS Surface Water & Groundwater Quality Standard			5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-15D Port 6	Multi Level Monitoring Well	11/30/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**12**	<0.5	<0.5	ND
BP-15D Port 6	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**9.9**	<0.5	<0.5	ND
BP-15D Port 6	Multi Level Monitoring Well	06/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	2.2	<0.5	<0.5	ND
BP-15D Port 6	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	ND
BP-15D Port 6	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	ND
BP-15D Port 6	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	2.6	<0.5	<0.5	ND
BP-15D Port 6	Multi Level Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	ND
BP-15D Port 7	Multi Level Monitoring Well	07/10/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	9.8	1.3 J	<5	<0.5	<0.5	<0.5	**45**	<0.5	<0.5	ND
BP-15D Port 7	Multi Level Monitoring Well	07/10/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	10	1.2 J	<5	<0.5	<0.5	<0.5	**47**	<0.5	<0.5	ND
BP-15D Port 7	Multi Level Monitoring Well	08/08/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	6	1.3 J	<5	<0.5	<0.5	<0.5	**64**	<0.5	<0.5	ND
BP-15D Port 7	Multi Level Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	11	2.5 J	1 J	<0.5	<0.5	<0.5	**56**	<0.5	<0.5	ND
BP-15D Port 7	Multi Level Monitoring Well	10/09/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<20	5.3 J	1.7 J	0.1 J	<0.5	<0.5	**37**	<0.5	<0.5	ND
BP-15D Port 7	Multi Level Monitoring Well	11/30/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**44 J**	<0.5	<0.5	ND
BP-15D Port 7	Multi Level Monitoring Well	03/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	3.4 J	<0.5	<0.5	<0.5	**78**	<0.5	<0.5	ND
BP-15D Port 7	Multi Level Monitoring Well	06/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	**71**	<0.5	<0.5	ND
BP-15D Port 7	Multi Level Monitoring Well	09/13/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	15	2.9 J	<5	0.1 J	<0.5	<0.5	**65**	<0.5	<0.5	ND
BP-15D Port 7	Multi Level Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.1	<5	<5	<0.5	<0.5	<0.5	**50**	<0.5	<0.5	ND
BP-15D Port 7	Multi Level Monitoring Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.4 J	1.4 J	<5	<0.5	<0.5	<0.5	**53**	<0.5	<0.5	ND
BP-16A	Monitoring Well	06/12/07	N	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	<1	--	ND
BP-16A	Monitoring Well	11/28/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	12/11/07	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	12/11/07	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	03/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	03/11/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	12/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	12/10/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	08/27/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	05/17/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	05/17/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	10/10/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	10/10/11	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	03/19/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	09/11/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	04/08/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	10/29/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	04/07/15	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.3	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.4	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	06/11/19	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	06/28/21	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-16A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**130**	7.9	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-16A	Monitoring Well	08/14/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**160**	1.3 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-17A	Monitoring Well	06/13/07	N	<1	0.29 J	<1	<1	1.98	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	<1	--	ND
BP-17A	Monitoring Well	06/13/07	FD	<1	0.33 J	<1	<1	2.3	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	--	<1	<1	--	ND
BP-17A	Monitoring Well	07/09/07	N	<0.5	0.1 J	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	07/09/07	FD	<0.5	0.1 J	<0.5	<0.5	0.8	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	08/07/07	N	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	08/21/07	N	<0.5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	08/21/07	FD	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	10/10/07	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	11/28/07	N	<0.5	0.3 J	<0.5	<0.5	3.4	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	03/12/08	N	<0.5	0.5	<0.5	<0.5	**6.9**	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	06/11/08	N	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	09/10/08	N	<0.5	0.1 J	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	09/10/08	FD	<0.5	0.1 J	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	12/11/08	N	<0.5	0.2 J	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	05/06/09	N	<0.5	0.2 J	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	05/06/09	FD	<0.5	0.2 J	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	08/26/09	N	<0.5	0.2 J	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	05/20/10	N	<0.5	0.3 J	<0.5	<0.5	2	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	11/11/10	N	<0.5	0.3 J	<0.5	<0.5	2.2	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	05/17/11	N	<0.5	0.6	<0.5	<0.5	**7**	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	10/12/11	N	<0.5	0.4 J	<0.5	<0.5	4.9	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	03/19/12	N	<0.5	0.2 J	<0.5	<0.5	2	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	03/19/12	FD	<0.5	0.1 J	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	09/12/12	N	<0.5	0.2 J	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	04/10/13	N	<0.5	0.1 J	<0.5	<0.5	1.7	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	10/30/13	N	<0.5	0.1 J	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	04/17/14	N	<0.5	0.2 J	<0.5	<0.5	2.3	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	09/09/14	N	<0.5	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	04/07/15	N	<0.5	0.3 J	<0.5	<0.5	1.4	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	09/23/15	N	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	0.1
BP-17A	Monitoring Well	06/23/16	N	<0.5	<0.5	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	06/21/17	N	<0.5	0.2 J	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	11	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	06/11/18	N	<0.5	0.2 J	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7.5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	06/11/19	N	<0.5	0.3 J	<0.5	<0.5	1.7	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	1.6 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	09/08/20	N	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	13	1.9 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-17A	Monitoring Well	06/28/21	N	<0.5	0.26 J	<0.5	<0.5	1.6	<0.5	<0.5	0.097 J	<0.5	<0.5	<0.5	<0.5	<0.5	40	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-17A	Monitoring Well	08/01/22	N	<0.50	0.15 J	<0.50	<0.50	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**83**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-17A	Monitoring Well	08/09/23	N	<0.50	0.34 J	<0.50	<0.50	1.3	<0.50	<0.50	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	17	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-17A	Monitoring Well	08/14/24	N	<0.50	1.4	<0.50	<0.50	2.7	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	<0.50	**550**	3 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-17A	Monitoring Well	08/06/25	N	<0.50	0.27 J	<0.50	<0.50	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**160**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-18A	Monitoring Well	04/29/08	N	<0.5	0.1 J	<0.5	<0.5	**15**	<0.5	0.6 J	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	04/29/08	FD	<0.5	0.1 J	<0.5	<0.5	**14**	<0.5	0.5 J	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	05/29/08	N	<0.5	0.1 J	<0.5	<0.5	**10**	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	05/29/08	FD	<0.5	<0.5	<0.5	<0.5	**9.3**	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	06/10/08	N	<0.5	0.3 J	<0.5	<0.5	**13**	<0.5	0.5 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	06/10/08	FD	<0.5	0.2 J	<0.5	<0.5	**12**	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	09/11/08	N	<0.5	0.3 J	<0.5	<0.5	**10**	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	12/12/08	N	<0.5	0.2 J	<0.5	<0.5	**19**	<0.5	0.6	0.6 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	**12**	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	09/20/10	N	<0.5	0.6	<0.5	<0.5	**15**	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	05/17/11	N	<0.5	0.3 J	<0.5	<0.5	**11**	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	10/12/11	N	<0.5	0.2 J	<0.5	<0.5	**12**	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	03/20/12	N	<0.5	<0.5	<0.5	<0.5	**6.1**	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	09/11/12	N	<0.5	0.5 J	<0.5	<0.5	**7.9**	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	**5.8**	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	10/30/13	N	<0.5	0.3 J	<0.5	<0.5	**7.2**	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	04/15/14	N	<0.5	0.1 J	<0.5	<0.5	**9.9**	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	06/03/14	N	<0.5	0.2 J	<0.5	<0.5	**10**	<0.5	0.4 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	09/10/14	N	<0.5	0.6	0.3 J	<0.5	**13**	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.2 J	0.2 J	<0.5	1.5	1.1	0.4 J	1.5
BP-18A	Monitoring Well	11/19/14	N	<0.5	0.5 J	<0.5	<0.5	**12**	<0.5	0.4 J	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	0.3 J	0.1 J	0.4
BP-18A	Monitoring Well	11/19/14	FD	<0.5	0.4 J	<0.5	<0.5	**12**	<0.5	0.4 J	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.1 J	<0.5	0.5 J	0.4 J	0.2 J	0.6
BP-18A	Monitoring Well	04/08/15	N	<0.5	1.1	<0.5	<0.5	**15**	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	06/23/15	N	<0.5	0.5 J	<0.5	<0.5	**12**	<0.5	0.3 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.2 J	<0.5	0.7	0.6	0.2 J	0.8
BP-18A	Monitoring Well	09/22/15	N	<0.5	1.3	0.1 J	<0.5	**13**	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.3 J	<0.5	1	1.2	0.5 J	1.7
BP-18A	Monitoring Well	11/17/15	N	<0.5	0.7	<0.5	<0.5	**9.4**	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.2 J	<0.5	0.7	0.8	0.4 J	1.2
BP-18A	Monitoring Well	06/23/16	N	<0.5	0.3 J	<0.5	<0.5	**10**	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	0.3 J	0.1 J	0.4
BP-18A	Monitoring Well	06/23/16	FD	<0.5	0.4 J	<0.5	<0.5	**11**	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	06/21/17	N	<0.5	0.3 J	<0.5	<0.5	**11**	<0.5	0.3 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	8.7	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	06/21/17	FD	<0.5	0.3 J	<0.5	<0.5	**11**	<0.5	0.3 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	9.3	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	06/11/18	N	<0.5	0.2 J	<0.5	<0.5	**8**	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	4.9 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	06/11/18	FD	<0.5	0.1 J	<0.5	<0.5	**7.7**	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	4.5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	06/11/19	N	<0.5	0.08 J	<0.5	<0.5	**6.1**	<0.5	0.2 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	4.3 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	06/11/19	FD	<0.5	0.08 J	<0.5	<0.5	**6.2**	<0.5	0.2 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	4.2 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-18A	Monitoring Well	09/09/20	N	<0.50	0.79	<0.50	<0.50	2.9	<0.50	0.2 J	0.2 J	<0.50	<0.50	<0.50	<0.50	<0.50	10	4.2 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-18A	Monitoring Well	09/09/20	FD	<0.50	0.83	<0.50	<0.50	3.1	<0.50	0.21 J	0.22 J	<0.50	<0.50	<0.50	<0.50	<0.50	9.4	3.9 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-18A	Monitoring Well	06/28/21	N	<0.5	0.62	<0.5	<0.5	3.9	<0.5	0.19 J	0.15 J	<0.5	<0.5	<0.5	<0.5	<0.5	13	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	06/28/21	FD	<0.5	0.6	<0.5	<0.5	3.8	<0.5	0.18 J	0.15 J	<0.5	<0.5	<0.5	<0.5	<0.5	14	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-18A	Monitoring Well	08/01/22	N	<0.50	0.62	<0.50	<0.50	1.9	<0.50	0.27 J	0.19 J	<0.50	<0.50	<0.50	<0.50	<0.50	18	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-18A	Monitoring Well	08/01/22	FD	<0.50	0.46 J	<0.50	<0.50	2.2	<0.50	0.2 J	0.17 J	<0.50	<0.50	<0.50	<0.50	<0.50	15	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-18A	Monitoring Well	08/09/23	N	<0.50	2.4	<0.50	<0.50	4.2	0.14 J	0.18 J	0.2 J	<0.50	<0.50	<0.50	<0.50	<0.50	14	1.7 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-18A	Monitoring Well	08/09/23	FD	<0.50	2.5	<0.50	<0.50	3.9	0.14 J	0.15 J	0.18 J	<0.50	<0.50	<0.50	<0.50	<0.50	13	1.1 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-18A	Monitoring Well	08/14/24	N	<0.50	2.3	<0.50	<0.50	**9.6**	<0.50	0.34 J	0.25 J	<0.50	<0.50	<0.50	<0.50	<0.50	**450**	4.2 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-18A	Monitoring Well	08/14/24	FD	<0.50	2.3	<0.50	<0.50	**8.5**	<0.50	0.29 J	0.24 J	<0.50	<0.50	<0.50	<0.50	<0.50	**490**	5.2	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-18A	Monitoring Well	08/05/25	N	<0.50	3.5	<0.50	<0.50	4.1	<0.50	0.25 J	0.21 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-18A	Monitoring Well	08/05/25	FD	<0.50	3.6	<0.50	<0.50	3.7	<0.50	0.32 J	0.24 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-19A	Monitoring Well	05/06/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	05/06/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	05/28/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	09/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	12/09/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	08/26/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	09/21/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	09/24/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	10/11/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	10/11/11	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	03/22/12	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	09/13/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	10/28/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.4	2.9 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	04/14/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	04/06/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	09/21/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	06/22/16	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.1	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	06/12/19	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	09/08/20	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	5.5	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-19A	Monitoring Well	06/28/21	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	13	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-19A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-19A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**51**	4.4 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-19A	Monitoring Well	08/14/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**96**	2.3 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-19A	Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	25	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-20	Monitoring Well	05/02/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	05/02/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	05/28/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	05/28/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	09/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	12/09/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	08/25/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	09/23/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	10/11/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	09/13/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	10/28/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.1	3 J	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
BP-20	Monitoring Well	04/14/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20	Monitoring Well	09/21/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	05/02/08	N	<0.5	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	05/28/08	N	<0.5	<0.5	<0.5	<0.5	4.3	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	**6.3**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	09/12/08	N	<0.5	<0.5	<0.5	0.1 J	**14**	<0.5	0.2 J	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	12/09/08	N	<0.5	<0.5	<0.5	<0.5	**14**	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	12/09/08	FD	<0.5	<0.5	<0.5	0.1 J	**12**	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	0.2 J	**11**	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	08/25/09	N	<0.5	<0.5	<0.5	0.2 J	**13**	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	08/25/09	FD	<0.5	<0.5	<0.5	0.2 J	**13**	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	0.2 J	**11**	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	09/23/10	N	<0.5	<0.5	<0.5	0.2 J	**13**	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	0.1 J	**8.1**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	06/21/11	N	<0.5	<0.5	<0.5	0.2 J	**10**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	10/11/11	N	<0.5	<0.5	<0.5	0.2 J	**11**	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	0.1 J	**8.8**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	09/13/12	N	<0.5	<0.5	<0.5	0.2 J	**13**	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	0.1 J	**7.7**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	10/28/13	N	<0.5	<0.5	<0.5	0.2 J	**15**	<0.5	0.2 J	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	4.1 J	1.5 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	04/14/14	N	<0.5	<0.5	<0.5	0.1 J	**8.7**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	0.2 J	**12**	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	04/07/15	N	<0.5	0.1 J	<0.5	0.1 J	**7.2**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	09/21/15	N	<0.5	<0.5	<0.5	0.1 J	**12**	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	06/22/16	N	<0.5	0.2 J	<0.5	0.2 J	**10**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	4.2 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	2.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	6.1	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	06/12/19	N	<0.5	<0.5	<0.5	0.08 J	2.1	<0.5	0.07 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	4.5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	09/08/20	N	<0.50	<0.50	<0.50	0.11 J	1.7	<0.50	0.086 J	0.23 J	<0.50	<0.50	<0.50	<0.50	<0.50	14	8	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-20A	Monitoring Well	06/28/21	N	<0.5	0.2 J	<0.5	0.09 J	1.7	<0.5	0.087 J	0.18 J	<0.5	<0.5	<0.5	<0.5	<0.5	12	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-20A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	<0.50	0.19 J	<0.50	<0.50	<0.50	<0.50	<0.50	**75**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-20A	Monitoring Well	08/09/23	N	<0.50	0.18 J	<0.50	<0.50	3.1	<0.50	<0.50	0.48 J	<0.50	<0.50	<0.50	<0.50	<0.50	21	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-20A	Monitoring Well	08/13/24	N	<0.50	<0.50	<0.50	<0.50	3.1	<0.50	<0.50	0.2 J	<0.50	<0.50	<0.50	<0.50	<0.50	**180**	1.4 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-20A	Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	3.1	<0.50	<0.50	0.21 J	<0.50	<0.50	<0.50	<0.50	<0.50	**84**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-21	Monitoring Well	05/06/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	05/28/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	09/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	12/09/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	08/25/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	09/22/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	10/11/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	09/13/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	10/28/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.3	2.4 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	04/14/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs: Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Chlorinated Methanes: Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Chlorinated Ethanes: Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Ketones: Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Petroleum Hydrocarbons: Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	NYS Surface Water & Groundwater Quality Standard			5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-21	Monitoring Well	09/21/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	04/29/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	05/28/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.5 J	1.2 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	09/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	09/12/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	12/09/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	05/05/09	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	08/25/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	09/22/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	10/11/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	09/13/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	04/10/13	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	10/28/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.2	1.5 J	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-21A	Monitoring Well	04/14/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	09/21/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.1	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	06/22/16	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.1	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.8	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	06/12/19	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.8	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	09/08/20	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	18	10	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-21A	Monitoring Well	06/28/21	N	<0.5	0.059 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.1	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-21A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	45	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-21A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	12	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-21A	Monitoring Well	08/13/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**210**	1.8 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-21A	Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**270**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-22A	Monitoring Well	04/29/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	7.5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	05/28/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	09/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	12/09/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	08/25/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	09/22/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	10/11/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	09/13/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	10/28/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.3 J	2.2 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	04/14/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.7 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	09/21/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.3	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	06/22/16	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	06/12/19	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	09/08/20	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.1	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-22A	Monitoring Well	06/28/21	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	11	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-22A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-22A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**120**	13	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-22A	Monitoring Well	08/13/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	48	2.2 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-22A	Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	28	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-23A	Monitoring Well	05/15/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	05/29/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	05/29/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	09/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	12/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	05/04/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	08/26/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	05/19/10	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	09/23/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	09/23/10	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	01/12/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	03/24/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	05/18/11	N	<0.5	0.1 J	<0.5	<0.5	4.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	06/21/11	N	<0.5	0.5 J	<0.5	<0.5	**20**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	10/11/11	N	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	12/06/11	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	12/06/11	FD	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	03/21/12	N	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	09/12/12	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	04/11/13	N	<0.5	0.3 J	<0.5	0.2 J	**13**	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	10/28/13	N	<0.5	<0.5	<0.5	<0.5	**5.8**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.2 J	2.4 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	04/14/14	N	<0.5	0.4 J	<0.5	0.2 J	**17**	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	04/06/15	N	<0.5	1.9	<0.5	0.2 J	**14**	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	04/06/15	FD	<0.5	2	<0.5	0.2 J	**15**	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	09/22/15	N	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	06/20/16	N	<0.5	0.2 J	<0.5	<0.5	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	06/21/17	N	<0.5	0.1 J	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.6	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	06/12/19	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	11	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	09/08/20	N	<0.50	<0.50	<0.50	<0.50	0.21 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	20	4.9 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-23A	Monitoring Well	06/28/21	N	<0.5	<0.5	<0.5	<0.5	0.17 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-23A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**75**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-23A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50	0.12 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	48	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-23A	Monitoring Well	08/14/24	N	<0.50	<0.50	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**94**	3 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-23A	Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**360**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-24A	Monitoring Well	05/15/08	N	<0.5	0.1 J	<0.5	<0.5	0.2 J	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	05/15/08	FD	<0.5	0.1 J	<0.5	<0.5	0.2 J	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	3.6 J	<5 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	05/29/08	N	<0.5	0.4 J	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	06/10/08	N	<0.5	0.4 J	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	09/11/08	N	<0.5	0.4 J	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	12/10/08	N	<0.5	0.4 J	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	05/04/09	N	<0.5	0.3 J	<0.5	<0.5	2.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	08/26/09	N	<0.5	0.5 J	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	05/19/10	N	<0.5	0.4 J	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	09/23/10	N	<0.5	0.5	<0.5	<0.5	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	01/12/11	N	<0.5	0.6	<0.5	<0.5	2.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	03/24/11	N	<0.5	0.5 J	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	03/24/11	FD	<0.5	0.5 J	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	05/18/11	N	<0.5	0.4 J	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	06/21/11	N	<0.5	0.7	<0.5	<0.5	4.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	10/11/11	N	<0.5	0.7	<0.5	<0.5	3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	03/21/12	N	<0.5	0.4 J	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	09/12/12	N	<0.5	1	<0.5	<0.5	4.4	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs: Dichloroethene (1,1-)	Chlorinated VOCs: Dichloroethene (cis-1,2-)	Chlorinated VOCs: Dichloroethene (trans-1,2-)	Chlorinated VOCs: Tetrachloroethene (PCE)	Chlorinated VOCs: Trichloroethene (TCE)	Chlorinated VOCs: Vinyl chloride	Chlorinated Methanes: Carbon tetrachloride	Chlorinated Methanes: Chloroform (Trichloromethane)	Chlorinated Methanes: Chloromethane	Chlorinated Methanes: Methylene Chloride (Dichloromethane)	Chlorinated Ethanes: Trichloroethane (1,1,1-)	Chlorinated Ethanes: Trichloroethane (1,1,2-)	Chlorinated Ethanes: Dichloroethane (1,2-)	Ketones: Acetone	Ketones: Butanone (2-) (MEK)	Ketones: Methyl-2-pentanone (4-) (MIBK)	Petroleum Hydrocarbons: Benzene	Petroleum Hydrocarbons: Ethylbenzene	Petroleum Hydrocarbons: Isopropylbenzene (Cumene)	Petroleum Hydrocarbons: Toluene	Petroleum Hydrocarbons: Xylene (m,p-)	Petroleum Hydrocarbons: Xylene (o-)	Petroleum Hydrocarbons: Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-24A	Monitoring Well	04/11/13	N	<0.5	0.5	<0.5	<0.5	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	10/28/13	N	<0.5	1.3	<0.5	<0.5	4.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.5 J	1.5 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	04/14/14	N	<0.5	0.8	<0.5	<0.5	3.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	09/08/14	N	<0.5	1	<0.5	<0.5	3.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	04/06/15	N	<0.5	0.6	<0.5	<0.5	2.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	09/22/15	N	<0.5	0.7	<0.5	<0.5	3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	06/22/16	N	<0.5	0.5	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	06/22/16	FD	<0.5	0.6	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	06/21/17	N	<0.5	0.5	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	06/21/17	FD	<0.5	0.5 J	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	06/11/18	N	<0.5	0.9	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.9 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	06/11/18	FD	<0.5	0.9	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.9 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	06/12/19	N	<0.5	0.7	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.7	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	06/12/19	FD	<0.5	0.6	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	11	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	09/08/20	N	<0.50	0.72	<0.50	<0.50	0.91	<0.50	0.076 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	0.81 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-24A	Monitoring Well	09/08/20	FD	<0.50	0.71	<0.50	<0.50	0.92	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	1 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-24A	Monitoring Well	06/28/21	N	<0.5	0.71	<0.5	<0.5	0.86	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	15	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	06/28/21	FD	<0.5	0.75	<0.5	<0.5	0.91	<0.5	0.072 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-24A	Monitoring Well	08/01/22	N	<0.50	0.63	<0.50	<0.50	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**55**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-24A	Monitoring Well	08/01/22	FD	<0.50	0.63	<0.50	<0.50	0.67	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**58**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-24A	Monitoring Well	08/09/23	N	<0.50	1.2	<0.50	<0.50	0.79	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	9.2	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-24A	Monitoring Well	08/09/23	FD	<0.50	1.1	<0.50	<0.50	0.84	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.5	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-24A	Monitoring Well	08/14/24	N	<0.50	0.68	<0.50	<0.50	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	50	1.3 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-24A	Monitoring Well	08/14/24	FD	<0.50	0.73	<0.50	<0.50	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	49	1.1 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-24A	Monitoring Well	08/06/25	N	<0.50	0.61	<0.50	<0.50	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**230**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-24A	Monitoring Well	08/06/25	FD	<0.50	0.57	<0.50	<0.50	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**210**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-25A	Monitoring Well	05/20/08	N	<0.5	0.3 J	<0.5	<0.5	3.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	05/20/08	FD	<0.5	0.3 J	<0.5	<0.5	3.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	05/29/08	N	<0.5	0.1 J	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	06/10/08	N	<0.5	0.2 J	<0.5	<0.5	3.6	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	09/11/08	N	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	12/10/08	N	<0.5	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	08/26/09	N	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	09/21/10	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	10/11/11	N	<0.5	<0.5	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	03/21/12	N	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	09/13/12	N	<0.5	0.2 J	<0.5	<0.5	4.1	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	09/13/12	FD	<0.5	0.2 J	<0.5	<0.5	4.2	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	10/28/13	N	<0.5	0.1 J	<0.5	<0.5	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.6 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	04/14/14	N	<0.5	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	09/08/14	N	<0.5	0.2 J	<0.5	<0.5	5	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	09/21/15	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	06/22/16	N	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	06/12/19	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7.1	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	09/08/20	N	<0.50	<0.50	<0.50	<0.50	0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	16	0.75 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-25A	Monitoring Well	06/28/21	N	<0.5	<0.5	<0.5	<0.5	0.57	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	15	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-25A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	0.17 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**110**	1.5 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-25A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**72**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-25A	Monitoring Well	08/13/24	N	<0.50	<0.50	<0.50	<0.50	0.39 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	24	1.8 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-25A	Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	0.43 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**270**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-26A	Monitoring Well	05/09/08	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	05/29/08	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	06/10/08	FD	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	09/11/08	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	12/10/08	N	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	0.6	<0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	05/04/09	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	08/26/09	N	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	0.6	<0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	05/20/10	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	05/20/10	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	09/23/10	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	10/12/11	N	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	0.5 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	03/21/12	N	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	09/12/12	N	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	0.4 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	04/11/13	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	10/30/13	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	0.4 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	04/14/14	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	09/10/14	N	<0.5	<0.5	<0.5	<0.5	0.5 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	09/10/14	FD	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	09/23/15	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	<0.5	<5	<5	<5	0.1 J	0.4 J	<0.5	1.6	1.7	0.8	2.5
BP-26A	Monitoring Well	06/22/16	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	0.1
BP-26A	Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.7	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	06/12/19	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.8	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	09/08/20	N	<0.50	<0.50	<0.50	<0.50	0.72	<0.50	0.36 J	0.12 J	<0.50	<0.50	<0.50	<0.50	<0.50	16	0.78 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-26A	Monitoring Well	06/28/21	N	<0.5	<0.5	<0.5	<0.5	0.66	<0.5	0.46 J	0.11 J	<0.5	<0.5	<0.5	<0.5	<0.5	13	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-26A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	0.38 J	<0.50	0.24 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**77**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-26A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50	0.56	<0.50	0.41 J	0.11 J	<0.50	<0.50	<0.50	<0.50	<0.50	**130**	11	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-26A	Monitoring Well	08/14/24	N	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	0.4 J	0.12 J	<0.50	<0.50	<0.50	<0.50	<0.50	**93**	2.3 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-26A	Monitoring Well	08/06/25	N	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	0.35 J	0.094 J	<0.50	<0.50	<0.50	<0.50	<0.50	32	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-27	Monitoring Well	05/09/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	3.1 J	<5 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	05/09/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	05/29/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	09/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	09/11/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	12/11/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	08/27/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	05/19/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	09/21/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	09/21/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	10/12/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	10/12/11	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	03/21/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	09/13/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	09/13/12	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	10/28/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	1.4 J	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-27	Monitoring Well	04/14/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.1	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27	Monitoring Well	09/22/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	05/09/08	N	<0.5	3.7	<0.5	<0.5	**13**	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	05/29/08	N	<0.5	3.3	<0.5	<0.5	**14**	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	06/10/08	N	<0.5	2.4	<0.5	<0.5	**12**	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	09/11/08	N	<0.5	3.9	<0.5	<0.5	**20**	<0.5	0.5 J	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

				Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
Location	Location Type	Sample Date	Sample Type	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-27A	Monitoring Well	12/11/08	N	<0.5	2.8	<0.5	<0.5	15	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	05/05/09	N	<0.5	4.4	<0.5	<0.5	14	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	08/27/09	N	<0.5	3.2	<0.5	<0.5	19	<0.5	0.4 J	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	05/19/10	N	<0.5	4.7	<0.5	<0.5	14	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	09/23/10	N	<0.5	6.6	<0.5	<0.5	22	<0.5	0.5 J	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	09/23/10	N	<0.5	6.7	<0.5	<0.5	23	<0.5	0.5 J	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	05/18/11	N	<0.5	4.2	<0.5	<0.5	12	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	05/18/11	N	<0.5	3.6	<0.5	<0.5	11	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	06/21/11	N	<0.5	3.5	<0.5	<0.5	12	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	10/12/11	N	<0.5	4.4	<0.5	<0.5	17	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	03/21/12	N	<0.5	3.9	<0.5	<0.5	9.6	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	09/13/12	N	<0.5	3.6	<0.5	<0.5	16	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	04/10/13	N	<0.5	2.8	<0.5	<0.5	8.1	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	10/28/13	N	<0.5	3.9	<0.5	<0.5	13	<0.5	0.4 J	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	5 J	2.4 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	04/14/14	N	<0.5	4.7	<0.5	<0.5	10	<0.5	0.3 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	16	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	09/08/14	N	<0.5	3.2	<0.5	<0.5	14	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	04/07/15	N	<0.5	1.9	<0.5	<0.5	7.3	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	09/22/15	N	<0.5	7	<0.5	<0.5	17	0.4 J	0.2 J	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	3.3 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	06/22/16	N	<0.5	1.1	<0.5	<0.5	3.3	<0.5	0.3 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	06/21/17	N	<0.5	1.9	<0.5	<0.5	3.6	<0.5	0.3 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	06/11/18	N	<0.5	1.5	<0.5	<0.5	3.6	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	6.3	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	06/12/19	N	<0.5	0.7	<0.5	<0.5	2.4	<0.5	0.2 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	7	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	09/09/20	N	<0.50	0.4 J	<0.50	<0.50	1.8	<0.50	0.24 J	0.2 J	<0.50	<0.50	<0.50	<0.50	<0.50	13	1.1 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-27A	Monitoring Well	06/28/21	N	<0.5	0.34 J	<0.5	<0.5	1.5	<0.5	0.25 J	0.17 J	<0.5	<0.5	<0.5	<0.5	<0.5	4.9 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-27A	Monitoring Well	08/01/22	N	<0.50	0.7	<0.50	<0.50	2.6	<0.50	0.22 J	0.18 J	<0.50	<0.50	<0.50	<0.50	<0.50	84	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-27A	Monitoring Well	08/09/23	N	<0.50	0.27 J	<0.50	<0.50	1.8	<0.50	<0.50	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	79	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-27A	Monitoring Well	08/13/24	N	<0.50	0.34 J	<0.50	<0.50	3.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	70	1.5 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-27A	Monitoring Well	08/06/25	N	<0.50	0.18 J	<0.50	<0.50	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	40	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-28A	Monitoring Well	05/15/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	05/29/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	09/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	08/26/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	05/20/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	09/21/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	10/12/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	03/21/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	03/21/12	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	09/13/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	10/28/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.1	3.2 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	04/14/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-28A	Monitoring Well	09/22/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	60	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	05/15/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	05/29/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	09/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	12/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	05/05/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	05/05/09	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	08/26/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	05/20/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	09/21/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	10/12/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	03/21/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	09/13/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	04/10/13	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	10/28/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.3 J	2.3 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	04/14/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.3	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-29	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.1 J	<0.5	<0.5	0.5 J	0.2 J	0.7
BP-29	Monitoring Well	09/22/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.7	<5	<5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	0.2
BP-30A	Monitoring Well	06/23/08	N	<0.5	2.5	<0.5	5.1	64	<0.5	0.7	0.8	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	07/16/08	N	<0.5	0.2 J	<0.5	0.5 J	8.6	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	07/29/08	N	<0.5	2.3	<0.5	6.4	58	<0.5	0.5 J	0.6	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	07/29/08	FD	<0.5	2.3	<0.5	6	56	<0.5	0.5 J	0.6	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	09/11/08	N	<0.5	0.5	<0.5	0.9	22	<0.5	0.3 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	12/10/08	N	<0.5	1	<0.5	5.1	40	<0.5	0.4 J	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	05/04/09	N	<0.5	2.4	<0.5	5.1	47	<0.5	0.4 J	0.6	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	08/26/09	N	<0.5	2.9	<0.5	6.7	65	<0.5	0.6	0.8 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	08/26/09	FD	<0.5	3	<0.5	6.4	72	<0.5	0.5	0.8 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	05/19/10	N	<0.5	3	<0.5	5.1	45	<0.5	0.3 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	09/23/10	N	<0.5	2.4	<0.5	3.3	58	<0.5	0.5 J	0.6	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	01/12/11	N	<0.5	3.4	<0.5	4.7	55	<0.5	0.4 J	0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	03/24/11	N	<0.5	1.5	<0.5	1.9	21	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	05/18/11	N	<0.5	2	<0.5	2.6	30	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	05/18/11	FD	<0.5	0.7	<0.5	1.2	17	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	06/21/11	N	<0.5	3.9	<0.5	3.9	63	<0.5	0.5	0.7	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	06/21/11	FD	<0.5	4.1	<0.5	4	63	<0.5	0.6	0.7	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	10/11/11	N	<0.5	3.8	<0.5	4.1	57	<0.5	0.4 J	0.6	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	12/06/11	N	<0.5	4.2	<0.5	3.5	51	<0.5	0.4 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	03/21/12	N	<0.5	3.2	<0.5	3.8	50	<0.5	0.4 J	0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	03/21/12	FD	<0.5	3.1	<0.5	3.5	48	<0.5	0.4 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	09/12/12	N	<0.5	4.3	<0.5	4.5	79	<0.5	0.7	0.8	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	04/11/13	N	<0.5	0.8	<0.5	1.8	22	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	04/11/13	FD	<0.5	0.6	<0.5	1.5	20	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	10/28/13	N	<0.5	5.2	<0.5	4	87	<0.5	0.7	0.9	<0.5	<0.5	<0.5	<0.5	0.3 J	4.2 J	2.5 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	10/28/13	FD	<0.5	5	<0.5	4.1	87	<0.5	0.7	0.9	<0.5	<0.5	<0.5	<0.5	0.3 J	5.6	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	04/14/14	N	<0.5	3.7	<0.5	2.1	46	<0.5	0.2 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	04/14/14	FD	<0.5	3.5	<0.5	2.4	41	<0.5	0.3 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	09/08/14	N	<0.5	14	<0.5	3.9	79	<0.5	0.6	0.9	<0.5	<0.5	<0.5	<0.5	0.3 J	3.1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	09/08/14	FD	<0.5	14	<0.5	3.8	79	<0.5	0.6	0.9	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	04/06/15	N	<0.5	3.9	<0.5	1.4	15	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	09/22/15	N	<0.5	16	<0.5	3.3	69	<0.5	0.6	0.8	<0.5	<0.5	<0.5	<0.5	0.3 J	3.4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	09/22/15	FD	<0.5	16	<0.5	3.3	62	<0.5	0.5	0.8	<0.5	<0.5	<0.5	<0.5	0.3 J	3.9 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	06/20/16	N	<0.5	17	<0.5	2.2	42	<0.5	0.4 J	0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	06/21/17	N	<0.5	4.5	<0.5	1.1	14	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	06/11/18	N	<0.5	3.2	<0.5	0.9	9	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	6.2	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	06/12/19	N	<0.5	2.1	<0.5	0.9	8.3	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.05 J	7.1	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	04/15/20	N	<0.5	11	<0.5	1.2	5.6	0.1 J	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	09/08/20	N	<0.50	5.4	<0.50	1.2	2.3	<0.50	0.38 J	0.44 J	<0.50	<0.50	<0.50	<0.50	0.081 J	7.1	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-30A	Monitoring Well	11/10/20	N	<0.50	4	<0.50	1.2	2.1	<0.50	0.29 J	0.39 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-30A	Monitoring Well	04/14/21	N	<0.5	2.6	<0.5	0.83	2	<0.5	0.082 J	0.11 J	<0.5	<0.5	<0.5	<0.5	0.062 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	06/28/21	N	<0.5	3.6	<0.5	0.7	2.5	<0.5	0.17 J	0.24 J	<0.5	<0.5	<0.5	<0.5	0.064 J	28	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-30A	Monitoring Well	08/01/22	N	<0.50	3.8	<0.50	0.84	1.5	<0.50	0.32 J	0.33 J	<0.50	<0.50	<0.50	<0.50	<0.50	47	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-30A	Monitoring Well	08/09/23	N	<0.50	19	0.11 J	1.1	3.7	0.5	<0.50	2.2	<0.50	0.21 J	<0.50	<0.50	0.09 J	16	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-30A	Monitoring Well	08/14/24	N	<0.50	1.5	<0.50	0.7	2.3	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	<0.50	2,000	5.7	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-30A	Monitoring Well	08/06/25	N	<0.50	5.4	<0.50	0.56	5.4	<0.50	<0.50	0.18 J	<0.50	<0.50	<0.50	<0.50	<0.50	2,200	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	06/23/08	N	<0.5	<0.5	<0.5	<0.5	2.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/23/08	FD	<0.5	<0.5	<0.5	<0.5	2.8	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	07/16/08	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-31A	Monitoring Well	07/16/08	FD	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	07/29/08	N	<0.5	<0.5	<0.5	0.1 J	2.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	09/11/08	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	12/10/08	N	<0.5	1.3	<0.5	2.1	**38**	<0.5	0.2 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	12/10/08	FD	<0.5	1.4	<0.5	2.2	**38**	<0.5	0.2 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	05/04/09	N	<0.5	0.4 J	<0.5	1.3	**22**	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	08/25/09	N	<0.5	1.8	<0.5	4	**34**	<0.5	0.3 J	0.6 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	05/18/10	N	<0.5	2.8	<0.5	4.4	**60**	<0.5	0.3 J	0.8	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	09/22/10	N	<0.5	0.2 J	<0.5	0.8	**9.1**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	09/22/10	FD	<0.5	0.3 J	<0.5	0.9	**9.6**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	11/11/10	N	<0.5	2.7	<0.5	**6.8**	**82**	<0.5	0.6	1.1	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	11/11/10	FD	<0.5	2.7	<0.5	**7.9**	**80**	<0.5	0.7	1.1	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	01/11/11	N	<0.5	1.1	<0.5	2.5	**32**	<0.5	0.2 J	0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	03/24/11	N	<0.5	3.3	<0.5	**5.3**	**68**	<0.5	0.7	1.2	<0.5	<0.5	<0.5	<0.5	**0.8**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	05/17/11	N	<0.5	2.7	<0.5	4.2	**54**	<0.5	0.3 J	0.8	<0.5	<0.5	<0.5	<0.5	0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/21/11	N	<0.5	1.2	<0.5	1.8	**26**	<0.5	0.1 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	10/11/11	N	<0.5	4.2	<0.5	**6.9**	**95**	<0.5	0.5 J	1.1	<0.5	<0.5	<0.5	<0.5	**0.9**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	03/21/12	N	0.1 J	3.9	<0.5	4.6	**84**	<0.5	0.5	1.2	<0.5	<0.5	<0.5	<0.5	**0.9**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	09/12/12	N	<0.5	0.4 J	<0.5	0.7	**12**	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	04/11/13	N	0.1 J	4.6	<0.5	4.5	**98**	<0.5	0.6	1.3	<0.5	<0.5	<0.5	<0.5	**0.9**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	10/30/13	N	<0.5	0.6	<0.5	1.3	**22**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	04/15/14	N	0.1 J	**5.4**	<0.5	3.9	**76**	<0.5	0.5	1.3	<0.5	<0.5	<0.5	<0.5	**0.8**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/03/14	N	<0.5	0.5 J	<0.5	0.8	**13**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	09/10/14	N	<0.5	0.4 J	<0.5	0.6	**8.3**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	11/19/14	N	<0.5	0.3 J	<0.5	0.5	**9.3**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	04/08/15	N	<0.5	**13**	<0.5	2.2	**58**	<0.5	0.3 J	1	<0.5	<0.5	<0.5	<0.5	**0.9**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	04/08/15	FD	<0.5	**13**	<0.5	2.2	**54**	<0.5	0.3 J	1	<0.5	<0.5	<0.5	<0.5	**0.7**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/23/15	N	0.1 J	**36**	0.2 J	3.7	**82**	0.3 J	0.4 J	1.1	<0.5	<0.5	<0.5	<0.5	**0.9**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/23/15	FD	0.1 J	**34**	0.2 J	3.7	**80**	0.3 J	0.4 J	1.1	<0.5	<0.5	<0.5	<0.5	**0.9**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	09/22/15	N	<0.5	2	<0.5	0.8	**13**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	09/22/15	FD	<0.5	1.6	<0.5	0.6	**11**	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	11/17/15	N	<0.5	1.2	<0.5	0.6	**10**	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	11/17/15	FD	<0.5	1.2	<0.5	0.5	**9.9**	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	04/12/16	N	0.1 J	**23**	0.1 J	3.6	**71**	**4**	0.4 J	1	<0.5	<0.5	<0.5	<0.5	**1.1**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	04/12/16	FD	0.1 J	**22**	0.1 J	3.4	**70**	**4**	0.5 J	1.1	<0.5	<0.5	<0.5	<0.5	**1.2**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/21/16	N	<0.5	1.4	<0.5	0.8	**12**	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/21/16	FD	<0.5	1.3	<0.5	0.8	**11**	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	09/20/16	N	<0.5	1.3	<0.5	0.6	**11**	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	04/25/17	N	<0.5	**8.8**	<0.5	3.3	**58**	0.2 J	0.5 J	1	<0.5	<0.5	<0.5	<0.5	**0.8**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	04/25/17	FD	<0.5	**9.1**	<0.5	3	**59**	0.1 J	0.4 J	1	<0.5	<0.5	<0.5	<0.5	**0.9**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/20/17	N	<0.5	4.9	<0.5	0.9	**17**	0.2 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/20/17	FD	<0.5	4.6	<0.5	0.8	**17**	0.2 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	10/10/17	N	<0.5	1.1	<0.5	0.6	**7.5**	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	04/17/18	N	<0.5	**9.2**	<0.5	2	**38**	0.2 J	0.4 J	0.9	<0.5	<0.5	<0.5	<0.5	**0.7**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	04/17/18	FD	<0.5	**9.6**	<0.5	2.1	**38**	0.2 J	0.4 J	0.9	<0.5	<0.5	<0.5	<0.5	**0.7**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/12/18	N	<0.5	1.1	<0.5	0.5	**7.5**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/12/18	FD	<0.5	1	<0.5	0.5	**7.4**	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	09/25/18	N	<0.5	**23**	0.08 J	3.6	**40**	<0.5	0.4 J	1	<0.5	<0.5	<0.5	<0.5	**0.7**	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	03/26/19	N	<0.5	**6.2**	<0.5	1.3	**18**	<0.5	0.4 J	0.9	<0.5	<0.5	<0.5	<0.5	0.5 J	1.7 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	03/26/19	FD	<0.5	**6.3**	<0.5	1.3	**18**	<0.5	0.4 J	0.9	<0.5	<0.5	<0.5	<0.5	0.5	1.3 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/11/19	N	<0.5	0.7	<0.5	0.4 J	3.7	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/11/19	FD	<0.5	0.7	<0.5	0.4 J	3.6	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	09/17/19	N	<0.5	0.8	<0.5	0.4 J	3.7	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	04/14/20	N	<0.5	1.5	<0.5	0.6	3.9	<0.5	0.1 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	09/09/20	N	<0.50	0.54	<0.50	0.27 J	2.6	<0.50	<0.50	0.094 J	<0.50	<0.50	<0.50	<0.50	0.11 J	1.3 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	09/09/20	FD	<0.50	0.58	<0.50	0.28 J	2.8	<0.50	<0.50	0.097 J	<0.50	<0.50	<0.50	<0.50	0.11 J	1.1 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	11/10/20	N	<0.50	0.39 J	<0.50	0.27 J	2.4	<0.50	<0.50	0.12 J	<0.50	<0.50	<0.50	<0.50	0.087 J	1 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	04/13/21	N	<0.5	2.2	<0.5	0.73	4.1	<0.5	0.18 J	0.6	<0.5	<0.5	<0.5	<0.5	0.21 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/29/21	N	<0.5	0.42 J	<0.5	0.32 J	2.4	<0.5	<0.5	0.15 J	<0.5	<0.5	<0.5	<0.5	0.11 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	06/29/21	FD	<0.5	0.45 J	<0.5	0.33 J	2.6	<0.5	<0.5	0.15 J	<0.5	<0.5	<0.5	<0.5	0.099 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-31A	Monitoring Well	10/13/21	N	<0.50	0.33 J	<0.50	0.21 J	1.9	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	0.076 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	04/12/22	N	<0.50	4.7	<0.50	0.89	**6.1**	<0.50	0.23 J	0.73	<0.50	<0.50	<0.50	<0.50	0.21 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	08/02/22	N	<0.50	0.47 J	<0.50	0.22 J	2.1	<0.50	<0.50	0.11 J	<0.50	<0.50	<0.50	<0.50	0.079 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	08/02/22	FD	<0.50	0.48 J	<0.50	0.22 J	2	<0.50	<0.50	0.11 J	<0.50	<0.50	<0.50	<0.50	0.076 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	10/11/22	N	<0.50	0.47 J	<0.50	<0.50	2.2	<0.50	<0.50	0.12 J	<0.50 F1	<0.50	<0.50	<0.50	<0.50	1.1 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	10/11/22	FD	<0.50	0.44 J	<0.50	0.21 J	2.2	<0.50	<0.50	0.12 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	04/25/23	N	<0.50	0.46 J	<0.50	<0.50	1.8	<0.50	<0.50	<0.50	<0.50 F1	<0.50	<0.50	<0.50	<0.50	10	<5.0	<5.0	<0.50	<0.50	<0.50 F1	<0.50	<0.50 F1	<0.50	ND
BP-31A	Monitoring Well	04/25/23	FD	<0.50	0.37 J	<0.50	<0.50	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	08/08/23	N	<0.50	0.26 J	<0.50	<0.50	1.7	<0.50	<0.50	0.14 J	<0.50	<0.50	<0.50	<0.50	<0.50	45 B	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	08/08/23	FD	<0.50	0.27 J	<0.50	<0.50	1.8	<0.50	<0.50	0.14 J	<0.50	<0.50	<0.50	<0.50	<0.50	38 B	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	10/31/23	N	<0.50	0.23 J	<0.50	<0.50	1.7	<0.50 F1	<0.50	0.17 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50 F1	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	10/31/23	FD	<0.50	0.23 J	<0.50	<0.50	1.6	<0.50	<0.50	0.16 J	<0.50	<0.50	<0.50	<0.50	0.074 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	04/11/24	N	<0.50	3.2	<0.50	0.71	**5.7**	0.46 J	0.16 J	0.66	<0.50	<0.50	<0.50	<0.50	0.18 J	<5.0	<5.0	<5.0 F1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	04/11/24	FD	<0.50	3.1	<0.50	0.7	**5.5**	0.41 J	0.15 J	0.63	<0.50	<0.50	<0.50	<0.50	0.16 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	08/13/24	N	<0.50	0.29 J	<0.50	<0.50	1.7	<0.50 F1	<0.50	0.13 J	<0.50 F1	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0 *+	<5.0 F1,*+	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	08/13/24	FD	<0.50	0.27 J	<0.50	<0.50	1.7	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0 *+	<5.0 *+	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	11/12/24	N	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50 F1	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	11/12/24	FD	<0.50	0.18 J	<0.50	<0.50	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	04/08/25	N	<0.50	2.5	1.2	0.61	4.8	0.58	0.1 J	0.43 J	<0.50	<0.50	<0.50	<0.50	0.12 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50 F1	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	04/08/25	FD	<0.50	2.2	1.2	0.58	4.5	0.52	<0.50	0.4 J	<0.50	<0.50	<0.50	<0.50	0.11 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50 *+	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	08/05/25	N	<0.50	0.28 J	<0.50 F1	0.2 J	1.7	0.36 JF1	<0.50	<0.50 F1	<0.50 F1	<0.50 F1	<0.50	<0.50	<0.50	<5.0	<5.0 F1	<5.0 F1	<0.50	<0.50	<0.50 F1	<0.50	<0.50	<0.50	ND
BP-31A	Monitoring Well	08/05/25	FD	<0.50	0.24 J	<0.50	<0.50	1.5	0.25 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-32A	Monitoring Well	10/03/09	N	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	10/21/09	N	<0.5	<0.5	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	10/21/09	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	11/20/09	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	10/30/13	N	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	04/16/14	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	06/03/14	N	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	11/19/14	N	<0.5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	04/08/15	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	06/23/15	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	11/17/15	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	06/23/16	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	06/21/17	N	<0.5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.9 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	06/11/18	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.6	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	06/11/19	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.1	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	09/10/20	N	<0.50	<0.50	<0.50	<0.50	0.33 J	<0.50	<0.50	<0.50	0.094 J	<0.50	<0.50	<0.50	<0.50	2.4 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-32A	Monitoring Well	06/28/21	N	<0.5	<0.5	<0.5	<0.5	0.46 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.8	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-32A	Monitoring Well	08/01/22	N	<0.50	<0.50	<0.50	<0.50	0.29 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7 J	<5.0	<5.0	<0.50	<0.50	<0.50	0.14 J	<0.50	<0.50	ND
BP-32A	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50	0.24 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	1.5 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-32A	Monitoring Well	08/14/24	N	<0.50	<0.50	<0.50	<0.50	0.23 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**66**	1.8 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-32A	Monitoring Well	08/05/25	N	<0.50	<0.50	<0.50	<0.50	0.31 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**71**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-33A	Monitoring Well	10/03/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	ND
BP-33A	Monitoring Well	10/03/09	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-33A	Monitoring Well	10/21/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-33A	Monitoring Well	11/20/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-33A	Monitoring Well	11/20/09	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-34A	Monitoring Well	05/20/10	N	<250	**19,000**	**120 J**	<250	**32,000**	**400**	<250	**540**	<250	<250	<250	<250	**230 J**	<2500	<2500	<2500	<250	<250	<250	**450**	<250	**140 J**	**140**
BP-34A	Monitoring Well	06/30/10	N	**96 J**	**27,000**	**460**	<250	**49,000**	**840**	<250	**680**	<250	**140 J**	<250	<250	**230 J**	<2500	<2500	<2500	**50 J**	<250	<250	**130 J**	<250	<250	ND
BP-34A	Monitoring Well	08/03/10	N	<250	**12,000**	**510**	<250	**20,000**	**400**	<250	**330**	<250	**130 J**	<250	<250	**140 J**	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	08/03/10	FD	**50 J**	**12,000**	**490**	<250	**20,000**	**410**	<250	**350**	<250	<250	<250	<250	**150 J**	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	09/22/10	N	**19 J**	**10,000**	**12 J**	<25	**8,500**	**110**	<25	**160**	<25	**12 J**	<25	**7.2 J**	**100**	<250	<250	<250	**14 J**	<25	<25	**13 J**	<25	**18 J**	**18**
BP-34A	Monitoring Well	11/08/10	N	**72 J**	**12,000**	<250	<250	**37,000**	**300**	<250	**400 J**	<250	<250	<250	<250	**110 J**	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	01/10/11	N	**68 J**	**15,000**	<250	<250	**33,000**	<250	<250	**460**	<250	<250	<250	<250	**160 J**	<2500	<2500	<2500	**51 J**	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	03/22/11	N	**82 J**	**19,000**	**83 J**	<250	**47,000**	**78 J**	<250	**500**	<250	<250	<250	<250	**180 J**	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	05/16/11	N	**110 J**	**24,000**	**64 J**	<250	**59,000**	**540**	<250	**550**	<250	<250	<250	<250	**180 J**	<2500	<2500	<2500	**60 J**	<250	<250	<250	**55 J**	**170 J**	**225**
BP-34A	Monitoring Well	06/22/11	N	**110 J**	**23,000**	<250	<250	**61,000**	**260**	<250	**590**	<250	<250	<250	<250	**170 J**	<2500	<2500	<2500	**56 J**	<250	<250	<250	<250	<250	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

				Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
Location	Location Type	Sample Date	Sample Type	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-34A	Monitoring Well	10/10/11	N	130 J	18,000	91 J	<250	50,000	480	<250	480	<250	<250	<250	<250	150 J	<2500	<2500	<2500	52 J	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	12/05/11	N	100 J	20,000	120 J	<250	46,000	890	<250	520	<250	<250	<250	<250	160 J	<2500	<2500	<2500	<250	<250	<250	57 J	<250	<250	ND
BP-34A	Monitoring Well	03/20/12	N	140 J	28,000	73 J	<250	58,000	1,100	<250	540	<250	<250	<250	<250	170 J	<2500	<2500	<2500	64 J	<250	<250	53 J	<250	140 J	140
BP-34A	Monitoring Well	09/11/12	N	84 J	23,000	<250	<250	44,000	200 J	<250	410	<250	<250	<250	<250	130 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/09/13	N	67 J	19,000	<250	<250	34,000	<250	<250	410	<250	<250	<250	<250	150 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/09/13	FD	93 J	22,000	<250	<250	36,000	<250	<250	410	<250	<250	<250	<250	120 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	10/29/13	N	92 J	15,000	<250	<250	43,000	130 J	<250	510	<250	<250	<250	<250	150 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/16/14	N	110 J	46,000	81 J	<250	21,000	960	<250	350	<250	<250	<250	<250	110 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/16/14	FD	100 J	45,000	92 J	<250	19,000	1,100	<250	360	<250	<250	<250	<250	120 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	06/04/14	N	120 J	47,000	89 J	<250	37,000	370	<250	560	<250	<250	<250	<250	150 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	09/09/14	N	63 J	24,000	<250	<250	17,000	140 J	<250	260	<250	<250	<250	<250	90 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	11/20/14	N	<250	25,000	<250	<250	10,000	430	<250	200 J	<250	<250	<250	<250	76 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/09/15	N	90 J	35,000	<250	<250	43,000	250 J	<250	390	<250	<250	<250	<250	100 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	06/24/15	N	130 J	43,000	76 J	<250	55,000	750	<250	660	<250	<250	<250	<250	140 J	<2500	<2500	<2500	51 J	<250	<250	100 J	<250	<250	ND
BP-34A	Monitoring Well	09/23/15	N	100 J	39,000	86 J	<250	46,000	280	<250	510	<250	<250	<250	<250	150 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	11/18/15	N	73 J	29,000	<250	<250	41,000	100 J	<250	380	<250	<250	<250	<250	120 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	11/18/15	FD	72 J	24,000	<250	<250	34,000	100 J	<250	380	<250	<250	<250	<250	130 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/13/16	N	81 J	28,000	<250	<250	30,000	210 J	<250	340	<250	<250	<250	<250	110 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	06/21/16	N	51 J	36,000	52 J	50 J	33,000	100 J	<250	270	<250	<250	<250	<250	87 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	09/21/16	N	<250	16,000	<250	<250	23,000	<250	<250	250 J	<250	<250	<250	<250	86 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/25/17	N	130 J	54,000	77 J	<250	43,000	1,400	<250	430	<250	<250	<250	<250	130 J	<2500	<2500	<2500	<250	<250	<250	98 J	<250	<250	ND
BP-34A	Monitoring Well	06/20/17	N	130 J	48,000	72 J	<250	41,000	1,400	<250	530	<250	<250	<250	<250	170 J	<2500	<2500	<2500	<250	<250	<250	92 J	<250	<250	ND
BP-34A	Monitoring Well	10/10/17	N	120 J	49,000	110 J	<250	40,000	1,300	<250	440	<250	<250	<250	<250	140 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/17/18	N	78 J	35,000	<250	<250	21,000	<250	<250	240 J	<250	<250	<250	<250	77 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	06/12/18	N	110 J	54,000	130 J	<250	30,000	820	<250	290	<250	<250	<250	<250	90 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	09/26/18	N	73 J	36,000	58 J	<250	25,000	650	<250	290	<250	<250	<250	<250	81 J	<2500	<2500	<2500	27 J	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	03/26/19	N	130 J	58,000	82 J	<250	22,000	2,000	<250	260	<250	<250	<250	<250	100 J	<2500	<2500	<2500	29 J	<250	<250	<250	<250	41 J	41
BP-34A	Monitoring Well	06/11/19	N	170 J	62,000	96 J	<250	31,000	2,000	<250	290	<250	<250	<250	<250	100 J	<2500	<2500	<2500	41 J	<250	<250	69 J	<250	110 J	110
BP-34A	Monitoring Well	09/17/19	N	130 J	58,000	210 J	<250	26,000	2,000	<250	310	<250	<250	<250	<250	100 J	<2500	<2500	<2500	35 J	<250	<250	35 J	<250	43 J	43
BP-34A	Monitoring Well	04/15/20	N	76 J	57,000	79 J	<250	37,000	970	<250	450	<250	<250	<250	<250	150 J	470 J	<2500	<2500	33 J	<250	<250	54 J	<250	40 J	40
BP-34A	Monitoring Well	09/10/20	N	130 J	75,000	110 J	<250	46,000	1,600	<250	520	<250	<250	<250	<250	160 J	<2500	<2500	<2500	43 J	<250	<250	<250	<250	33 J	33
BP-34A	Monitoring Well	11/11/20	N	65 J	34,000	<250	<250	23,000	260	<250	250	<250	<250	<250	<250	91 J	<2500	<2500	<2500	27 J	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/14/21	N	85 J	28,000	52 J	<250	13,000	2,000	<250	140 J	<250	<250	<250	<250	51 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	06/30/21	N	74 J	38,000	48 J	<250	17,000	1,200	<250	190 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	10/13/21	N	63 J	31,000	54 J	<250	8,200	1,100	<250	160 J	<250	<250	<250	<250	43 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/12/22	N	8.1 J	26,000	5.2 J	<25	1,100	130	<25	10 J	<25	<25	<25	<25	3.1 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-34A	Monitoring Well	08/03/22	N	60 J	30,000	<250	<250	8,300	1,000	<250	130 J	<250	<250	<250	<250	35 J	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	10/11/22	N	78 J	32,000	<250	<250	12,000	1,100 F1	<250	150 J	<250 F1	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/25/23	N	110 J	36,000	210 J	8,100 F1	22,000	1,900	<250	200 J	<250	85 J	<250	<250	42 J	<2500	<2500	<2500	<250	<250	<250	180 J	<250	110 J	110
BP-34A	Monitoring Well	04/25/23	FD	100 J	36,000	140 J	<250	21,000	1,800	<250	190 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	150 J	<250	73 J	73
BP-34A	Monitoring Well	08/08/23	N	<250	22,000	<250	<250	3,700	1,000	<250	58 J	<250	110 J	<250	<250	<250	<2500 *3	<2500 F1,*3	<2500 F1,*3	<250	<250	<250	63 J	<250	43 J	43
BP-34A	Monitoring Well	08/08/23	FD	<250	24,000	<250	<250	3,700	960	<250	55 J	<250	<250	<250	<250	<250	<2500 *3	<2500 *3	<2500 *3	<250	<250	<250	65 J	<250	48 J	48
BP-34A	Monitoring Well	10/31/23	N	<250	20,000	<250	<250	1,900	1,100	<250	50 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	10/31/23	FD	<250	22,000	<250	<250	1,800	1,100	<250	50 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/09/24	N	58 J	30,000	130 J	<250	1,700	3,100	<250	58 J	<250	<250	<250	<250	39 J	<2500 F2,F1	<2500 F1	<2500 F2,F1	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	04/09/24	FD	54 J	25,000	87 J	<250	1,600	3,400	<250	55 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	08/13/24	N	<250	16,000	60 J	<250	420	2,300 F1	<250	<250	<250 F1	<250	<250	<250	<250	<2500	<2500 F1,*+	<2500 F1,*+	<250	<250	<250	<250	<250	<250	ND
BP-34A	Monitoring Well	08/13/24	FD	25 J	17,000	46 J	<100	360	1,900	<100	<100	<100	<100	<100	<100	21 J	<1000	<1000	<1000	<100	<100	<100	31 J	<100	<100	ND
BP-34A	Monitoring Well	11/12/24	N	<100	8,700	56 J	<100	65 J	2,000	<100	<100	<100	<100	<100	<100	22 J	<1000	<1000	<1000	<100	<100	<100 F1	40 J	<100	19 J	19
BP-34A	Monitoring Well	11/12/24	FD	<100	10,000	49 J	<100	63 J	2,000	<100	<100	<100	<100	<100	<100	21 J	<1000	<1000	<1000	<100	<100	<100	42 J	<100	17 J	17
BP-34A	Monitoring Well	04/08/25	N	5.2 J	3,800	30	<25	15 J	950	<25	<25	<25	<25	<25	<25	14 J	150 J,*3	<250 *3	<250 *3	8.7 J	<25	<25 *+	33	<25	15 J	15
BP-34A	Monitoring Well	04/08/25	FD	5.3 J	3,900	32	<25	16 J	1,000	<25	<25	<25	<25	<25	<25	15 J	94 J,*3	<250 *3	<250 *3	8.8 J	<25	<25 *+	36	<25	16 J	16
BP-34A	Monitoring Well	08/05/25	N	<25	800 F1	33	<25	<25	450	<25	<25	<25	<25	<25	<25	15 J	160 J,B	<250 F1	<250 F1	9.7 J	<25	<25 F1	38	<25	15 J	15
BP-34A	Monitoring Well	08/05/25	FD	<25	780	36	<25	<25	450	<25	<25	<25	<25	<25	<25	15 J	130 J,B	<250	<250	11 J	<25	<25	43	<25	18 J	18
BP-35A	Monitoring Well	05/20/10	N	<25	830	<25	<25	2,400	19 J	<25	22 J	<25	10 J	<25	<25	6.2 J	<250	<250	<250	<25	<25	<25	6.8 J	<25	<25	ND
BP-35A	Monitoring Well	06/30/10	N	6 J	1,800	44	<25	5,800	30	<25	76	<25	32	<25	<25	7.9 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	08/03/10	N	<25	1,500	110	<25	4,200	19 J	<25	59	<25	23 J	<25	<25	10 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	09/22/10	N	<25	1,900	5.1 J	<25	2,400	<25	<25	36	<25	<25	<25	<25	13 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	11/08/10	N	<25	1,500	<25	<25	3,200	<25	<25	36 J	<25	<25	<25	<25	9.3 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	01/10/11	N	6 J	2,700	14 J	<25	8,300	<25	<25	68	<25	<25	<25	<25	8.5 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	03/23/11	N	6.7 J	2,800	20 J	<25	8,500	<25	<25	67	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	05/16/11	N	7.4 J	3,000	18 J	<25	10,000	<25	<25	83	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/22/11	N	9.6 J	3,200	10 J	<25	12,000	<25	<25	95	<25	<25	<25	<25	6.7 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	10/10/11	N	7.4 J	3,800	9.7 J	<25	9,200	<25	<25	76	<25	<25	<25	<25	5.8 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	12/05/11	N	5.1 J	4,000	8.1 J	<25	8,100	<25	<25	76	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	12/05/11	FD	<25	4,000	8.1 J	<25	8,100	<25	<25	74	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	03/20/12	N	6.1 J	4,100	7 J	<25	7,600	<25	<25	68	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	09/11/12	N	<25	3,700	11 J	<25	5,600	<25	<25	44	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	04/09/13	N	<25	3,700	11 J	<25	4,800	<25	<25	13 J	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	10/29/13	N	<25	4,600	9.4 J	<25	5,300	<25	<25	11 J	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	04/16/14	N	<25	4,200	7.7 J	<25	4,100	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/04/14	N	<25	3,800	8.3 J	<25	3,200	<25	<25	5.8 J	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	09/09/14	N	<25	3,600	13 J	<25	3,100	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	11/20/14	N	<25	3,600	5.9 J	<25	3,100	<25	<25	6 J	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	04/09/15	N	5.3 J	5,000	5.3 J	<25	4,100	5.7 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/24/15	N	10 J	5,800	8.3 J	<25	5,200	29	<25	8.1 J	<25	<25	<25	<25	5 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/24/15	FD	8.8 J	5,800	6.1 J	<25	5,100	29	<25	8.1 J	<25	<25	<25	<25	5.4 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	09/23/15	N	6.2 J	5,400	18 J	<25	4,300	<25	<25	5.9 J	<25	<25	<25	<25	6.6 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	09/23/15	FD	6.5 J	5,100	19 J	<25	4,400	<25	<25	6.3 J	<25	<25	<25	<25	6.6 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	11/18/15	N	<25	4,500	5.4 J	<25	3,900	<25	<25	<25	<25	<25	<25	<25	6.8 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	04/13/16	N	6.4 J	5,400	7.1 J	<25	3,900	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/21/16	N	6.2 J	5,000	13 J	<25	3,600	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/21/16	FD	<50	5,700	<50	32 J	4,000	<50	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-35A	Monitoring Well	09/20/16	N	5.2 J	5,100	38	<25	3,900	<25	<25	<25	<25	<25	<25	<25	7.3 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	04/25/17	N	7.7 J	5,900	6.5 J	<25	3,700	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/20/17	N	6.4 J	6,300	8.3 J	<25	4,400	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/20/17	FD	6.6 J	6,000	7.9 J	<25	4,300	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	10/10/17	N	7.8 J	6,200	17 J	<25	4,900	<25	<25	5.1 J	<25	<25	<25	<25	7.7 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	04/17/18	N	<50	4,500	<50	<50	3,100	<50	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-35A	Monitoring Well	06/12/18	N	7.2 J	5,400	13 J	<25	3,600	<25	<25	<25	<25	<25	<25	<25	5.2 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/12/18	FD	<50	5,200	11 J	<50	3,500	<50	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-35A	Monitoring Well	09/25/18	N	8.1 J	6,500	6.4 J	<25	3,900	<25	<25	<25	<25	<25	<25	<25	6.5 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	03/26/19	N	5.4 J	5,100	11 J	<25	3,200	<25	<25	<25	<25	<25	<25	<25	5.5 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/11/19	N	5.8 J	4,600	4.6 J	<25	3,000	<25	<25	<25	<25	3.5 J	<25	<25	5.5 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/11/19	FD	5.5 J	5,000	7 J	<25	3,300	<25	<25	<25	<25	<25	<25	<25	5 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	09/17/19	N	7.4 J	6,200	15 J	<25	1,500	5.3 J	<25	<25	<25	<25	<25	<25	7.8 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	04/15/20	N	4.8 J	3,800	4.6 J	<25	1,600	<25	<25	<25	<25	<25	<25	<25	5.6 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	09/10/20	N	<25	3,100	10 J	<25	1,200	<25	<25	<25	<25	<25	<25	<25	6.5 J	69 J	<250	<250	3 J	<25	<25	4.7 J	6.9 J	<25	6.9
BP-35A	Monitoring Well	09/10/20	FD	3.9 J	3,400	10 J	<25	1,300	<25	<25	<25	<25	<25	<25	<25	5.4 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	11/10/20	N	4.5 J	2,600	3.8 J	<25	1,600	<25	<25	<25	<25	<25	<25	<25	7.3 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	04/13/21	N	4.1 J	3,400	4.2 J	<25	1,900	<25	<25	<25	<25	<25	<25	<25	5.9 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/29/21	N	3 J	3,800	5.7 J	<25	2,100	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	06/29/21	FD	4.7 J	3,600	5.7 J	<25	2,000	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	10/13/21	N	4.7 J	3,700	4.1 J	<25	2,200	<25	<25	<25	<25	<25	<25	<25	5.5 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	04/12/22	N	3.4 J	3,000	4.9 J	<25	1,700	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	08/02/22	N	<25	3,200	<25	<25	1,900	<25	<25	<25	<25	5.4 J	<25	<25	5.6 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	08/02/22	FD	<25	2,900	<25	<25	1,700	<25	<25	<25	<25	6.2 J	<25	<25	5.1 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	10/11/22	N	5.7 J	3,900	<25	<25	2,100	<25	<25	<25	<25	<25	<25	<25	6.3 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	10/11/22	FD	<25	4,000	5.3 J	<25	2,100	<25	<25	<25	<25	<25	<25	<25	6 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	04/25/23	N	<25	3,000	<25	<250	1,400	<25	<25	27	<25	18 J	<25	<25	<25	<250	<250	<250	<25	<25	<25	48	<25	<25	ND
BP-35A	Monitoring Well	04/25/23	FD	<25	3,000	<25	10 J	1,400	<25	<25	<25	<25	6.9 J	<25	<25	3.5 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	08/09/23	N	6.4 J	5,900	14 J	<25	15 J	180	<25	<25	<25	10 J	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	08/09/23	FD	8.3	6,300	17	<0.50	15	180	<0.50	0.14 J	<0.50	0.73	<0.50	<0.50	2	3.8 J	<5.0	<5.0	0.82	0.42 J	0.11 J	1.9	0.86	1.2	2.06
BP-35A	Monitoring Well	10/31/23	N	5.1 J	6,900	19 J	<25	13 J	770	<25	<25	<25	<25	<25	<25	4 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	10/31/23	FD	5.3 J	6,400	20 J	<25	33	770	<25	<25	<25	<25	<25	<25	3.9 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-35A	Monitoring Well	04/09/24	N	0.18 J	110	14	<0.50	4.1	71	<0.50	0.44 J	<0.50	<0.50	<0.50	<0.50	1.8	23	<5.0	<5.0	0.66	<0.50	<0.50	0.73	<0.50	0.45 J	0.45
BP-35A	Monitoring Well	04/09/24	FD	0.17 J	110	14	<0.50	3.8	70	<0.50	0.41 J	<0.50	<0.50	<0.50	<0.50	1.8	28	<5.0	<5.0	0.66	<0.50	<0.50	0.73	<0.50	0.44 J	0.44
BP-35A	Monitoring Well	08/13/24	N	2.3 JF1	2,100	15 F1	<10	<10	790	<10	<10	<10	<10	<10	<10	1.7 J	34 J	<100	<100	<10	<10	<10 F1	2.2 J	<10	<10	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-35A	Monitoring Well	08/13/24	FD	2.3 J	1,900	17	<10	3.3 J	830	<10	<10	<10	<10	<10	<10	1.9 J	38 J	<100	<100	<10	<10	<10	2 J	<10	<10	ND
BP-35A	Monitoring Well	11/12/24	N	<10	120	13	<10	<10	2,100	<10	<10	<10	<10	<10	<10	<10	<100	<100	<100	<10	<10	<10	<10	<10	<10	ND
BP-35A	Monitoring Well	11/12/24	FD	<10	170	13	<10	<10	2,300	<10	<10	<10	<10	<10	<10	<10	<100	<100	<100	<10	<10	<10	<10	<10	<10	ND
BP-35A	Monitoring Well	04/08/25	N	<1.0	7.5	7	<1.0	1.1	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.5 J	18	<10	<10	0.32 J	<1.0	<1.0 *+	1	<1.0	0.85 J	0.85
BP-35A	Monitoring Well	04/08/25	FD	<2.5	7.4	7.3	<2.5	1.1 J	220	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.65 J	15 J	<25	<25	<2.5	<2.5	<2.5	1.1 J	<2.5	0.87 J	0.87
BP-35A	Monitoring Well	08/05/25	N	<10	11	7.3 J	<10	<10	1,300	<10	<10	<10 F1	<10	<10	<10	<10	<100	<100	<100	<10	<10	<10	<10	<10	<10	ND
BP-35A	Monitoring Well	08/05/25	FD	<10	9.8 J	7.3 J	<10	<10	1,200	<10	<10	<10	<10	<10	<10	<10	<100	<100	<100	<10	<10	<10	<10	<10	<10	ND
BP-36A	Monitoring Well	05/20/10	N	9 J	230	<25	<25	9,600	21 J	<25	85	<25	<25	<25	<25	28	<250	<250	<250	8 J	<25	<25	<25	<25	<25	ND
BP-36A	Monitoring Well	08/04/10	N	12 J	300	<25	<25	9,600	17 J	<25	80	<25	18 J	<25	<25	28	<250	<250	<250	9.2 J	<25	<25	<25	<25	<25	ND
BP-36A	Monitoring Well	09/22/10	N	9.7 J	190	<25	<25	9,200	<25	<25	76	<25	<25	<25	<25	31	<250	<250	<250	8.9 J	<25	<25	<25	<25	<25	ND
BP-36A	Monitoring Well	11/10/10	N	12 J	240	<25	<25	9,100	16 J	<25	100	<25	<25	<25	<25	33	<250	<250	<250	11 J	<25	<25	<25	<25	<25	ND
BP-36A	Monitoring Well	01/11/11	N	0.8 J	17	<2.5	<2.5	1,200	0.9 J	<2.5	8.2	<2.5	<2.5	<2.5	<2.5	2.8	<25	<25	<25	0.7 J	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-36A	Monitoring Well	03/23/11	N	17 J	590	<25	<25	14,000	28	5.9 J	130	<25	<25	<25	<25	38	<250	<250	<250	12 J	<25	<25	<25	<25	<25	ND
BP-36A	Monitoring Well	05/17/11	N	14 J	420	<25	<25	12,000	25 J	<25	110	<25	11 J	<25	<25	29	<250	<250	<250	13 J	<25	<25	<25	<25	<25	ND
BP-36A	Monitoring Well	06/21/11	N	15 J	470	<50	<50	13,000	33 J	<50	110	<50	<50	<50	<50	31 J	<500	<500	<500	10 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	10/11/11	N	16 J	570	<50	<50	11,000	28 J	<50	120	<50	<50	<50	<50	39 J	<500	<500	<500	11 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	12/06/11	N	15 J	490	<50	<50	13,000	22 J	<50	130	<50	<50	<50	<50	38 J	<500	<500	<500	11 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	03/21/12	N	20 J	600	<50	<50	14,000	22 J	<50	140	<50	<50	<50	<50	37 J	<500	<500	<500	11 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	03/21/12	FD	19 J	620	<50	<50	16,000	24 J	<50	140	<50	<50	<50	<50	38 J	<500	<500	<500	12 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	09/12/12	N	<50	320	<50	<50	9,800	<50	<50	67	<50	<50	<50	<50	28 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/11/13	N	14 J	480	<50	<50	14,000	12 J	<50	120	<50	<50	<50	<50	31 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	10/30/13	N	15 J	780	<50	<50	14,000	42 J	<50	130	<50	<50	<50	<50	35 J	<500	<500	<500	11 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	10/30/13	FD	15 J	730	<50	<50	13,000	38 J	<50	120	<50	<50	<50	<50	36 J	<500	<500	<500	11 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/15/14	N	14 J	1,000	<50	<50	13,000	32 J	<50	99	<50	<50	<50	<50	30 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	06/04/14	N	16 J	1,100	<50	<50	13,000	62	<50	91	<50	<50	<50	<50	30 J	<500	<500	<500	10 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	09/09/14	N	17 J	5,900	28 J	<50	7,600	39 J	<50	110	<50	<50	<50	<50	37 J	<500	<500	<500	14 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	11/20/14	N	17 J	4,400	12 J	<50	11,000	32 J	<50	130	<50	<50	<50	<50	38 J	<500	<500	<500	13 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/08/15	N	16 J	2,200	<50	<50	14,000	29 J	<50	170	<50	<50	<50	<50	36 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	06/23/15	N	22 J	2,400	<50	<50	17,000	65	<50	150	<50	<50	<50	<50	34 J	<500	<500	<500	14 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	09/22/15	N	11 J	5,400	22 J	<50	4,000	90	<50	130	<50	<50	<50	<50	36 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	11/17/15	N	22 J	13,000	33 J	<50	2,800	110	<50	150	<50	<50	<50	<50	45 J	<500	<500	<500	12 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/13/16	N	15 J	10,000	31 J	<50	180	170	<50	140	<50	<50	<50	<50	26 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	06/22/16	N	19 J	9,100	14 J	<50	180	390	<50	120	<50	<50	<50	<50	21 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	06/22/16	FD	19 J	9,100	12 J	82	170	400	<50	110	<50	<50	<50	<50	19 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	09/20/16	N	10 J	7,100	15 J	<50	170	870	<50	56	<50	<50	<50	<50	26 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	09/20/16	FD	14 J	7,500	19 J	<50	210	900	<50	59	<50	<50	<50	<50	27 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/25/17	N	16	7,000	24	<10	1,100	790	<10	140	<10	<10	<10	<10	16	<100	<100	<100	3.6 J	<10	<10	<10	<10	<10	ND
BP-36A	Monitoring Well	06/20/17	N	14 J	7,700	15 J	<25	53	1,600	<25	160	<25	<25	<25	<25	22 J	<250	<250	<250	5.2 J	<25	<25	<25	<25	<25	ND
BP-36A	Monitoring Well	06/20/17	FD	13 J	7,200	22 J	<25	44	1,500	<25	150	<25	<25	<25	<25	22 J	<250	<250	<250	5.2 J	<25	<25	<25	<25	<25	ND
BP-36A	Monitoring Well	10/10/17	N	<25	1,400	9.6 J	<25	170	630	<25	55	<25	<25	<25	<25	19 J	<250	<250	<250	7 J	<25	<25	<25	<25	<25	ND
BP-36A	Monitoring Well	10/10/17	FD	4.1 J	2,000	12	<10	710	730	<10	45	<10	<10	<10	<10	22	<100	<100	<100	8.3 J	<10	<10	<10	<10	<10	ND
BP-36A	Monitoring Well	04/17/18	N	13 J	5,500	10 J	<50	2,600	670	<50	130	<50	<50	<50	<50	16 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	06/12/18	N	17 J	8,200	68	<50	1,400	680	<50	110	<50	<50	<50	<50	19 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	06/12/18	FD	16 J	7,600	43 J	<50	1,600	620	<50	110	<50	<50	<50	<50	17 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	09/25/18	N	23 J	9,900	21 J	<50	2,500	1,200	<50	72	<50	<50	<50	<50	30 J	<500	<500	<500	11 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	09/25/18	FD	23 J	9,600	21 J	<50	2,400	1,300	<50	71	<50	<50	<50	<50	30 J	<500	<500	<500	10 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	03/26/19	N	9.8 J	4,800	15 J	<50	3,000	540	<50	80	<50	<50	<50	<50	16 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	06/11/19	N	11 J	4,600	15 J	<50	4,800	460	<50	70	<50	<50	<50	<50	14 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	06/11/19	FD	13 J	4,500	16 J	<50	5,000	440	<50	70	<50	7.8 J	<50	<50	13 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	09/17/19	N	22 J	12,000	65	<50	1,300	820	<50	15 J	<50	<50	<50	<50	26 J	<500	<500	<500	9.8 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	09/17/19	FD	21 J	12,000	65	<50	1,300	790	<50	14 J	<50	<50	<50	<50	26 J	<500	<500	<500	10 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/15/20	N	9.6 J	3,300	8.9 J	<50	3,900	420	<50	55	<50	<50	<50	<50	13 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/15/20	FD	8.9 J	3,700	8.8 J	<50	4,600	400	<50	56	<50	<50	<50	<50	13 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	09/10/20	N	19 J	10,000	41 J	<50	1,100	1,600	<50	13 J	<50	9.6 J	<50	<50	22 J	<500	<500	<500	7.9 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	09/10/20	FD	18 J	9,200	39 J	<50	1,200	1,700	<50	17 J	<50	12 J	<50	<50	22 J	<500	<500	<500	7.9 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	11/10/20	N	23 J	7,800	20 J	<50	3,300	1,000	<50	35 J	<50	<50	<50	<50	21 J	<500	<500	<500	6.9 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	11/10/20	FD	40 J	7,300	50	<50	2,900	1,900	<50	68	<50	<50	<50	<50	37 J	<500	<500	<500	18 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/14/21	N	7.7 J	2,500	10 J	<50	3,600	320	<50	43 J	<50	<50	<50	<50	13 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/14/21	FD	9 J	2,800	12 J	<50	4,500	360	<50	45 J	<50	<50	<50	<50	13 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	06/30/21	N	16 J	5,900	15 J	<50	3,600	490	<50	53	<50	<50	<50	<50	15 J	<500	<500	<500	5.9 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	06/30/21	FD	15 J	5,800	14 J	<50	3,900	450	<50	49 J	<50	<50	<50	<50	17 J	<500	<500	<500	5.2 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	10/13/21	N	21 J	10,000	37 J	<50	1,300	730	<50	9.3 J	<50	<50	<50	<50	17 J	<500	<500	<500	7.2 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	10/13/21	FD	21 J	11,000	34 J	<50	1,400	680	<50	11 J	<50	<50	<50	<50	16 J	<500	<500	<500	7.4 J	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/12/22	N	12 J	4,000	21 J	<50	3,800	230	<50	29 J	<50	<50	<50	<50	11 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/12/22	FD	12 J	4,300	18 J	<50	4,200	230	<50	28 J	<50	<50	<50	<50	11 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	08/02/22	N	20 J	10,000	56	<50	1,100	340	<50	<50	<50	14 J	<50	<50	18 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	08/02/22	FD	20 J	11,000	48 J	<50	1,100	350	<50	<50	<50	16 J	<50	<50	18 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	10/11/22	N	21 J	8,900	28 J	<50	5,100	310	<50	22 J	<50	<50	<50	<50	19 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	10/11/22	FD	21 J	7,900	30 J	<50	4,500	320	<50	23 J	<50	<50	<50	<50	20 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/25/23	N	11 J	4,300	28 J	28 J	2,200	180	<50	11 J	<50	<50	<50	<50	9.2 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/25/23	FD	10 J	4,100	<50	<50	1,900	210	<50	9.4 J	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	08/08/23	N	14 J	8,800	31 J	<50	53	470	<50	66	<50	<50	<50	<50	15 J	<500 *3	<500 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	08/08/23	FD	13 J	9,500	29 J	<50	53	410	<50	59	<50	<50	<50	<50	13 J	<500 *3	<500 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	10/31/23	N	13 J	8,600	27 J	<50	29 J	1,400	<50	75	<50	<50	<50	<50	17 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	10/31/23	FD	13 J	8,700	30 J	<50	33 J	1,400	<50	77	<50	<50	<50	<50	17 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/09/24	N	<50	3,700	18 J	<50	230	640	<50	45 J	<50	<50	<50	<50	13 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/09/24	FD	<50	3,700	22 J	<50	240	640	<50	44 J	<50	<50	<50	<50	15 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	08/13/24	N	13 J	7,100	<50	<50	<50	2,200	<50	49 J	<50	<50	<50	<50	22 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	08/13/24	FD	13 J	7,600	21 J	<50	11 J	2,100	<50	53	<50	<50	<50	<50	21 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	11/12/24	N	<50	6,200	17 J	<50	8.9 J	1,900	<50	19 J	<50	<50	<50	<50	23 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	11/12/24	FD	<50	6,200	17 J	<50	8.8 J	2,000	<50	20 J	<50	<50	<50	<50	25 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/08/25	N	<50	5,100	17 J	<50	150	520	<50	14 J	<50	<50	<50	<50	8.3 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	04/08/25	FD	<50	5,200	16 J	<50	200	550	<50	17 J	<50	<50	<50	<50	8.5 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-36A	Monitoring Well	08/06/25	N	<50	7,000	22 J	<50	45 J	1,500	<50	28 J	<50	<50	<50	<50	20 J	<500	<500	<500	<50	<50	<50 *+	<50	<50	<50	ND
BP-36A	Monitoring Well	08/06/25	FD	<50	6,200	17 J	<50	34 J	1,500	<50	22 J	<50	<50	<50	<50	18 J	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
BP-37A	Monitoring Well	05/20/10	N	<0.5	1.2	<0.5	<0.5	23	0.1 J	2.1	1.1	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	1	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-37A	Monitoring Well	08/04/10	N	<0.5	0.5	<0.5	<0.5	11	<0.5	0.2 J	1.3	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	0.2
BP-37A	Monitoring Well	09/21/10	N	<0.5	0.3 J	<0.5	<0.5	4.8	<0.5	0.3 J	0.6	<0.5	<0.5	<0.5	<0.5	0.2 J	4.9 J	1.2 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	11/09/10	N	<0.5	1.2	<0.5	<0.5	19	<0.5	0.3 J	0.8 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	11/09/10	FD	<0.5	1.2	<0.5	<0.5	23	<0.5	0.4 J	0.9 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	01/10/11	N	<0.5	6.5	<0.5	<0.5	150	<0.5	0.3 J	1.7	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.3 J	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-37A	Monitoring Well	01/10/11	FD	<0.5	6.2	<0.5	<0.5	160	<0.5	0.3 J	1.7	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.2 J	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
BP-37A	Monitoring Well	03/22/11	N	<0.5	2.1	<0.5	<0.5	36	<0.5	0.2 J	0.6	<0.5	<0.5	<0.5	<0.5	0.2 J	6.5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	05/16/11	N	<0.5	2.2	<0.5	<0.5	33	<0.5	0.2 J	0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	06/22/11	N	<0.5	1.7	<0.5	<0.5	44	<0.5	0.3 J	0.6	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	06/22/11	FD	<0.5	1.8	<0.5	<0.5	37	<0.5	0.3 J	0.6	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	10/10/11	N	<0.5	1.4	<0.5	<0.5	27	<0.5	0.2 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	12/05/11	N	<0.5	1	<0.5	<0.5	21	<0.5	0.3 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	03/20/12	N	<0.5	0.8	<0.5	<0.5	22	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	09/11/12	N	<0.5	1.1	<0.5	<0.5	24	<0.5	0.6	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	09/11/12	FD	<0.5	1.1	<0.5	<0.5	24	<0.5	0.6	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	04/09/13	N	<0.5	1	<0.5	<0.5	17	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	10/29/13	N	<0.5	1.8	<0.5	<0.5	32	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	04/16/14	N	<0.5	0.9	0.5	<0.5	16	<0.5	0.2 J	0.2 J	<0.5	0.3 J	<0.5	<0.5	0.2 J	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	04/16/14	FD	<0.5	1	0.6	<0.5	17	<0.5	0.2 J	0.3 J	<0.5	0.4 J	<0.5	<0.5	0.2 J	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	06/04/14	N	<0.5	1	0.4 J	<0.5	18	<0.5	0.2 J	0.3 J	<0.5	0.2 J	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	09/09/14	N	<0.5	0.9	0.6	<0.5	23	<0.5	0.3 J	0.4 J	<0.5	0.2 J	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	0.1 J	<0.5	0.6	0.5 J	0.2 J	0.7
BP-37A	Monitoring Well	09/09/14	FD	<0.5	0.9	0.5	<0.5	23	<0.5	0.4 J	0.3 J	<0.5	0.2 J	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	0.3 J	0.1 J	0.4
BP-37A	Monitoring Well	11/20/14	N	<0.5	0.6	0.2 J	<0.5	18	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	2.2 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	04/09/15	N	<0.5	0.8	0.1 J	<0.5	14	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	06/24/15	N	<0.5	1	0.1 J	<0.5	25	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	0.3 J	<0.5	<0.5	0.3 J	0.4 J	0.1 J	0.5
BP-37A	Monitoring Well	09/22/15	N	<0.5	0.9	<0.5	<0.5	23	<0.5	0.4 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	0.1 J	<0.5	0.4 J	0.6	0.2 J	0.8
BP-37A	Monitoring Well	11/17/15	N	<0.5	0.8	<0.5	<0.5	23	<0.5	0.3 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	0.1 J	<0.5	0.4 J	0.6	0.2 J	0.8
BP-37A	Monitoring Well	04/13/16	N	<0.5	0.9	<0.5	<0.5	11	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	0.3 J	0.1 J	0.4
BP-37A	Monitoring Well	06/22/16	N	<0.5	1.1	<0.5	<0.5	10	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.2 J	0.2 J	<0.5	0.6	0.9	0.4 J	1.3
BP-37A	Monitoring Well	09/21/16	N	<0.5	0.7	<0.5	<0.5	14	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	0.5	0.4 J	0.2 J	0.6
BP-37A	Monitoring Well	04/25/17	N	<0.5	1	<0.5	<0.5	11	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	0.1 J	<0.5	0.1
BP-37A	Monitoring Well	06/20/17	N	<0.5	1	<0.5	<0.5	13	<0.5	0.1 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	0.1

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-37A	Monitoring Well	10/11/17	N	<0.5	1.2	<0.5	<0.5	24	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	04/18/18	N	<0.5	1.1	<0.5	<0.5	8.7	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	06/12/18	N	<0.5	1.4	<0.5	<0.5	11	<0.5	0.2 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	0.1
BP-37A	Monitoring Well	09/25/18	N	<0.5	1.6	<0.5	<0.5	12	<0.5	0.1 J	0.6	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	0.1 J	0.08 J	0.18
BP-37A	Monitoring Well	03/26/19	N	<0.5	3.7	<0.5	<0.5	13	0.6	0.2 J	0.6	<0.5	0.1 J	<0.5	<0.5	0.5	3.2 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	0.08 J	0.08
BP-37A	Monitoring Well	06/11/19	N	<0.5	6.7	<0.5	<0.5	9.5	0.4 J	0.1 J	0.6	<0.5	0.2 J	<0.5	<0.5	0.6	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	09/17/19	N	<0.5	1.5	<0.5	<0.5	12	<0.5	0.2 J	0.8	<0.5	<0.5	<0.5	<0.5	0.4 J	1.5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	04/14/20	N	<0.5	6.4	<0.5	<0.5	11	0.5 J	0.2 J	0.6	<0.5	0.1 J	<0.5	<0.5	0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	09/09/20	N	<0.50	4.8	<0.50	<0.50	8	0.32 J	<0.50	0.3 J	<0.50	0.072 J	<0.50	<0.50	0.55	<5.0	<5.0	<5.0	0.064 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	11/11/20	N	<0.50	1.3	<0.50	<0.50	10	<0.50	0.12 J	0.27 J	<0.50	<0.50	<0.50	<0.50	0.2 J	1.2 J	<5.0	<5.0	0.057 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	04/13/21	N	<0.5	0.76	<0.5	<0.5	5.7	<0.5	<0.5	0.26 J	<0.5	<0.5	<0.5	<0.5	0.19 J	1.5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	06/29/21	N	<0.5	1.1	<0.5	<0.5	12	<0.5	0.071 J	0.27 J	<0.5	<0.5	<0.5	<0.5	0.24 J	<5	<5	<5	0.16 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-37A	Monitoring Well	10/13/21	N	<0.50	1.4	<0.50	<0.50	12	0.12 J	0.077 J	0.27 J	<0.50	<0.50	<0.50	<0.50	0.21 J	<5.0	<5.0	<5.0	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	04/12/22	N	<0.50	0.68	<0.50	<0.50	6.7	<0.50	<0.50	0.17 J	<0.50	<0.50	<0.50	<0.50	0.15 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	08/03/22	N	<0.50	79	<0.50	<0.50	24	0.53	0.12 J	0.28 J	<0.50	<0.50	<0.50	<0.50	0.21 J	<5.0	<5.0	<5.0	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	10/11/22	N	<0.50	0.78	<0.50	<0.50	5.3	<0.50	<0.50	0.22 J	<0.50	<0.50	<0.50	<0.50	0.21 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	04/25/23	N	<0.50	0.72	<0.50	<0.50	3.8	<0.50	<0.50	0.17 J	<0.50	<0.50	<0.50	<0.50	0.19 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	08/08/23	N	<0.50	5.6	<0.50	<0.50	4.6	0.17 J	<0.50	0.33 J	<0.50	<0.50	<0.50	<0.50	0.49 J	6.3	1.1 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	11/01/23	N	<0.50	6.9	<0.50	<0.50	1.5	0.11 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.39 J	7.8 *3	<5.0 *3	<5.0 *3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	04/10/24	N	<0.50	3.5	<0.50	<0.50	0.79	0.35 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.3 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	08/14/24	N	<0.50	4.9	<0.50	<0.50	1.4	0.45 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	1.9 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	11/12/24	N	<0.50	2.9	<0.50	<0.50	1	0.42 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.37 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	04/08/25	N	<0.50	12	<0.50	<0.50	0.36 J	0.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.36 J	7.1	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-37A	Monitoring Well	08/05/25	N	<0.50	14	0.13 J	<0.50	0.81	0.69	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	3.5 J,B	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-38A	Monitoring Well	05/20/10	N	<0.5	9.4	0.1 J	<0.5	67	0.9	0.2 J	0.7	<0.5	<0.5	<0.5	<0.5	0.5	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	08/04/10	N	<0.5	2.7	<0.5	<0.5	38	<0.5	0.6	0.4 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	0.1
BP-38A	Monitoring Well	08/04/10	FD	<0.5	2.9	<0.5	<0.5	36	<0.5	0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	09/22/10	N	<0.5	2	<0.5	<0.5	26	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	11/11/10	N	<5	96	1.1 J	<5	490	<5	2.1 J	3.2 J	<5	<5	<5	<5	2 J	<50	<50	<50	<5	<5	<5	<5	<5	<5	ND
BP-38A	Monitoring Well	01/11/11	N	0.2 J	23	0.1 J	0.1 J	180	<0.5	1	1.5	<0.5	<0.5	<0.5	<0.5	0.9	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	03/23/11	N	0.7 J	100	0.6 J	<2.5	390	2.9	2.6	3.4	<2.5	<2.5	<2.5	<2.5	2 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-38A	Monitoring Well	05/17/11	N	0.4 J	25	0.2 J	<0.5	210	<0.5	1.2	2.1	<0.5	<0.5	<0.5	<0.5	1.1	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	06/21/11	N	0.3 J	17	0.1 J	<0.5	140	<0.5	0.6	1.4	<0.5	<0.5	<0.5	<0.5	0.7	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	10/11/11	N	0.6	46	0.3 J	0.2 J	350	<0.5	1.8	3.2	<0.5	<0.5	<0.5	0.1 J	2.1	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	12/06/11	N	<2.5	27	<2.5	<2.5	250	<2.5	1.7 J	2.3 J	<2.5	<2.5	<2.5	<2.5	1.4 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-38A	Monitoring Well	03/21/12	N	<2.5	20	<2.5	<2.5	190	<2.5	1.2 J	1.4 J	<2.5	<2.5	<2.5	<2.5	0.7 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-38A	Monitoring Well	09/12/12	N	<0.5	5.8	<0.5	<0.5	64	<0.5	0.7	0.5 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	09/12/12	FD	<0.5	8.9	<0.5	<0.5	56	<0.5	0.3 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	04/11/13	N	1	88	0.5	0.3 J	520	0.3 J	5.5	5.2	<0.5	<0.5	<0.5	0.2 J	2.3	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	04/11/13	FD	0.9	85	0.5 J	0.3 J	470	0.3 J	5.9	5.6	<0.5	<0.5	<0.5	0.2 J	2.8	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	10/30/13	N	<2.5	12	<2.5	<2.5	160	<2.5	1.2 J	1.5 J	<2.5	<2.5	<2.5	<2.5	0.9 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-38A	Monitoring Well	04/15/14	N	<2.5	83	2.6	<2.5	540	<2.5	4.2	4.6	<2.5	<2.5	<2.5	<2.5	2.4 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-38A	Monitoring Well	06/03/14	N	0.1 J	14	0.1 J	<0.5	100	<0.5	0.7	0.9	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	09/10/14	N	<0.5	9	<0.5	<0.5	63	<0.5	0.5 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	09/10/14	FD	<0.5	10	<0.5	<0.5	72	<0.5	0.6	0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	11/19/14	N	0.1 J	12	<0.5	<0.5	87	<0.5	0.8	0.7	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	04/08/15	N	0.7	64	0.4 J	0.2 J	510	0.2 J	5.4	5.6	<0.5	<0.5	<0.5	0.1 J	3.4	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	06/23/15	N	<5	52	<5	<5	300	<5	1.5 J	2.1 J	<5	<5	<5	<5	<5	<50	<50	<50	<5	<5	<5	<5	<5	<5	ND
BP-38A	Monitoring Well	09/22/15	N	0.1 J	20	0.2 J	0.1 J	170	<0.5	1.5	1.4	<0.5	<0.5	<0.5	<0.5	0.7	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	11/17/15	N	0.1 J	17	0.1 J	<0.5	130	0.2 J	1.2	1.1	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	04/12/16	N	0.4 J	43	0.3 J	0.2 J	270	0.3 J	2.5	3.1	<0.5	<0.5	<0.5	<0.5	1.4	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	06/21/16	N	0.2 J	23	0.1 J	0.1 J	120	<0.5	1.2	1.4	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	09/20/16	N	0.1 J	16	<0.5	<0.5	130	<0.5	1.6	1.1	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	09/20/16	FD	<1	15	<1	<1	110	<1	1.3	1.1	<1	<1	<1	<1	0.4 J	<10	<10	<10	<1	<1	<1	0.5 J	<1	<1	ND
BP-38A	Monitoring Well	04/25/17	N	0.6	66	0.3 J	0.3 J	360	0.1 J	3.3	3.2	<0.5	<0.5	<0.5	0.1 J	1.6	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	06/20/17	N	0.2 J	31	0.1 J	0.1 J	120	<0.5	2	2.2	<0.5	<0.5	<0.5	<0.5	1	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	10/10/17	N	<0.5	14	<0.5	<0.5	27	<0.5	1.7	1.4	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	04/17/18	N	<1	30	<1	<1	150	<1	1.5	2.2	<1	<1	<1	<1	0.5 J	<10	<10	<10	<1	<1	<1	<1	<1	<1	ND
BP-38A	Monitoring Well	06/12/18	N	<0.5	22	<0.5	<0.5	46	0.1 J	1.3	2.1	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	09/25/18	N	0.2 J	59	0.5 J	0.2 J	230	1.6	1.7	2.9	<1	<1	<1	<1	1.2	1.9 J	<10	<10	0.1 J	<1	<1	<1	<1	<1	ND
BP-38A	Monitoring Well	03/26/19	N	0.2 J	31	0.1 J	0.1 J	180	<1	2.1	2	<1	<1	<1	<1	0.9 J	2.8 J	<10	<10	<1	<1	<1	<1	<1	<1	ND
BP-38A	Monitoring Well	06/11/19	N	<1	28	<1	<1	86	<1	0.5 J	0.7 J	<1	0.2 J	<1	<1	0.3 J	<10	<10	<10	<1	<1	<1	<1	<1	<1	ND
BP-38A	Monitoring Well	09/17/19	N	<1	16	0.1 J	<1	68	<1	1.1	2.1	<1	<1	<1	<1	0.3 J	<10	<10	<10	<1	<1	<1	<1	<1	<1	ND
BP-38A	Monitoring Well	04/14/20	N	<1	27	0.3 J	<1	140	<1	0.8 J	1.2	<1	<1	<1	<1	0.6 J	<10	<10	<10	<1	<1	<1	<1	<1	<1	ND
BP-38A	Monitoring Well	09/09/20	N	<1.0	8.7	<1.0	<1.0	47	<1.0	1	1.1	<1.0	0.28 J	<1.0	<1.0	0.25 J	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-38A	Monitoring Well	11/10/20	N	<1.0	9.9	<1.0	<1.0	38	<1.0	0.58 J	0.68 J	<1.0	<1.0	<1.0	<1.0	0.18 J	1.9 J	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-38A	Monitoring Well	04/13/21	N	0.14 J	23	0.081 J	0.086 J	61	2.3	0.52	0.73	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	06/29/21	N	<0.5	17	<0.5	<0.5	30	<0.5	0.55	0.98	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-38A	Monitoring Well	10/13/21	N	0.42 J	49	0.095 J	0.12 J	100	0.66	0.09 J	3.5	<0.50	0.3 J	<0.50	<0.50	0.42 J	<5.0	<5.0	<5.0	0.067 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-38A	Monitoring Well	04/12/22	N	0.29 J	55	0.26 J	0.11 J	160	5.8	0.077 J	1.8	<0.50	0.62	<0.50	0.064 J	0.76	<5.0	<5.0	<5.0	0.1 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-38A	Monitoring Well	08/02/22	N	0.34 J	62	0.2 J	<0.50	130	8.6	0.23 J	2	<0.50	0.18 J	<0.50	<0.50	0.61	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-38A	Monitoring Well	10/11/22	N	<0.50	24	<0.50	<0.50	66	0.5	0.11 J	1.1	<0.50	<0.50	<0.50	<0.50	0.25 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-38A	Monitoring Well	10/11/22	FD	<0.50	24	<0.50	<0.50	70 H	0.53	<0.50	1.1	<0.50	<0.50	<0.50	<0.50	0.25 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-38A	Monitoring Well	04/25/23	N	0.64	210	0.31 J	<0.50	2.1	10	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	0.62	4.7 J	<5.0	<5.0	0.11 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-38A	Monitoring Well	04/25/23	FD	0.63	200	0.26 J	<0.50	2	9.9	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	0.61	4.7 J	<5.0	<5.0	0.1 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-38A	Monitoring Well	08/08/23	N	<25	230	<25	<25	<25	14 J	<25	<25	<25	<25	<25	<25	<25	<250 *3	<250 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
BP-38A	Monitoring Well	08/08/23	FD	<25	230	<25	<25	<25	14 J	<25	<25	<25	<25	<25	<25	<25	<250 *3	<250 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
BP-38A	Monitoring Well	10/31/23	N	<25	210	<25	<25	<25	12 J	<25	<25	<25	<25	<25	<25	<25	51 J	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-38A	Monitoring Well	10/31/23	FD	<25	190	<25	<25	<25	11 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-38A	Monitoring Well	04/11/24	N	<25	<25	<25	<25	<25	8.8 J	<25	<25	<25	<25	<25	<25	<25	86 J	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-38A	Monitoring Well	04/11/24	FD	<25	<25	<25	<25	<25	8.9 J	<25	<25	<25	<25	<25	<25	<25	86 J	<250	<250	<25	<25	<25	<25	<25	<25	ND
BP-38A	Monitoring Well	08/13/24	N	0.6	290	0.69	<0.50	19	70	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	1.8	170	<5.0 *+	<5.0 *+	0.39 J	<0.50	<0.50	1.4	<0.50	<0.50	ND
BP-38A	Monitoring Well	08/13/24	FD	0.64	260	0.73	<0.50	21	64	<0.50	<0.50	<0.50	1.3	<0.50	<0.50	2	800	<5.0 *+	<5.0 *+	0.43 J	<0.50	<0.50	1.6	<0.50	<0.50	ND
BP-38A	Monitoring Well	11/12/24	N	<0.50	11	0.26 J	<0.50	2.5	4.6	<0.50	0.44 J	<0.50	0.58	<0.50	<0.50	0.15 J	3.3 J	<5.0	<5.0	<0.50	<0.50	<0.50	2.3	<0.50	<0.50	ND
BP-38A	Monitoring Well	11/12/24	FD	<0.50	12	0.27 J	<0.50	2.4	5.5	<0.50	0.43 J	<0.50	0.61	<0.50	<0.50	0.17 J	5.8	<5.0	<5.0	<0.50	<0.50	<0.50	2.4	<0.50	<0.50	ND
BP-38A	Monitoring Well	04/08/25	N	<0.50	4.8	0.5	<0.50	0.31 J	19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.28 J	20	<5.0	<5.0	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	ND
BP-38A	Monitoring Well	08/05/25	N	<0.50	4.1	0.14 J	<0.50	0.91	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.087 J	4.6 J,B	<5.0	<5.0	<0.50	<0.50	<0.50	0.18 J	<0.50	<0.50	ND
BP-38A	Monitoring Well	08/05/25	FD	<0.50	4.3	0.14 J	<0.50	0.87	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.085 J	5.9 B	<5.0	<5.0	<0.50	<0.50	<0.50	0.19 J	<0.50	<0.50	ND
BP-39A	Monitoring Well	05/20/10	N	0.2 J	20	0.1 J	<0.5	150	<0.5	0.5 J	0.9	<0.5	<0.5	<0.5	<0.5	0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	09/22/10	N	<0.5	8.9	<0.5	<0.5	67	<0.5	0.4 J	0.9	<0.5	<0.5	<0.5	<0.5	0.5	4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	09/22/10	FD	<0.5	8.8	<0.5	<0.5	72	<0.5	0.4 J	0.9	<0.5	<0.5	<0.5	<0.5	0.6	4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	11/11/10	N	<0.5	16	<0.5	<0.5	88	<0.5	0.5	0.9	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	01/11/11	N	0.1 J	23	0.1 J	0.1 J	130	<0.5	0.6	1	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	01/11/11	FD	0.2 J	23	0.1 J	0.1 J	140	<0.5	0.6	1	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	03/24/11	N	<0.5	12	0.2 J	<0.5	67	<0.5	0.3 J	0.7	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	05/17/11	N	0.4 J	27	0.2 J	<0.5	210	0.7	0.4 J	1.5	<0.5	<0.5	<0.5	<0.5	0.7	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	06/21/11	N	0.3 J	26	0.2 J	0.1 J	230	0.1 J	0.6	1.5	<0.5	<0.5	<0.5	<0.5	0.7	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	10/11/11	N	0.2 J	30	0.2 J	0.1 J	140	0.3 J	0.5	1.2	<0.5	<0.5	<0.5	<0.5	0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	10/11/11	FD	<1	38	<1	<1	140	0.3 J	0.4 J	1.1	<1	<1	<1	<1	0.6 J	<10	<10	<10	<1	<1	<1	<1	<1	<1	ND
BP-39A	Monitoring Well	12/06/11	N	<0.5	16	<0.5	<0.5	82	<0.5	0.3 J	0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	03/21/12	N	0.1 J	18	<0.5	<0.5	73	0.1 J	0.4 J	0.6	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	09/12/12	N	<0.5	12	0.1 J	<0.5	120	<0.5	0.5 J	0.7	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	04/11/13	N	<0.5	12	<0.5	<0.5	74	<0.5	0.3 J	0.7	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	10/30/13	N	<0.5	20	0.2 J	0.1 J	160	<0.5	0.8	1.4	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	04/15/14	N	<0.5	15	<0.5	<0.5	84	<0.5	0.3 J	0.7	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	06/03/14	N	0.4 J	30	0.2 J	0.1 J	240	0.1 J	0.8	1.7	<0.5	<0.5	<0.5	<0.5	0.7	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	09/10/14	N	<0.5	16	0.1 J	<0.5	130	<0.5	0.5 J	1	<0.5	<0.5	<0.5	<0.5	0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	11/19/14	N	<0.5	5.7	<0.5	<0.5	78	<0.5	0.3 J	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	04/08/15	N	<0.5	19	<0.5	<0.5	46	0.2 J	0.2 J	0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	06/23/15	N	<0.5	23	0.1 J	<0.5	77	<0.5	0.3 J	0.7	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	09/22/15	N	<0.5	28	0.2 J	<0.5	100	<0.5	0.4 J	1	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	11/17/15	N	<0.5	13	<0.5	<0.5	90	<0.5	0.3 J	0.9	<0.5	<0.5	<0.5	<0.5	0.1 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	04/12/16	N	<0.5	23	0.1 J	<0.5	50	<0.5	0.2 J	0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	06/21/16	N	0.1 J	55	0.3 J	<0.5	53	<0.5	0.3 J	0.6	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	09/20/16	N	<0.5	25	0.1 J	<0.5	21	0.1 J	0.3 J	0.7	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	04/25/17	N	<0.5	39	0.1 J	<0.5	31	<0.5	0.2 J	0.8	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	06/20/17	N	0.2 J	56	0.2 J	<0.5	44	0.2 J	0.2 J	0.7	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	10/10/17	N	0.2 J	87	0.5 J	<0.5	25	1	0.1 J	0.8	<0.5	0.2 J	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs: Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Chlorinated Methanes: Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Chlorinated Ethanes: Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Ketones: Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Petroleum Hydrocarbons: Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-39A	Monitoring Well	04/17/18	N	<0.5	37	0.1 J	<0.5	22	0.1 J	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	06/12/18	N	0.2 J	68	0.4 J	<0.5	31	7.2	<0.5	0.5	<0.5	0.2 J	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	09/25/18	N	0.08 J	45	0.2 J	0.06 J	41	0.2 J	0.1 J	0.6	<0.5	0.1 J	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	03/26/19	N	0.2 J	54	0.2 J	<0.5	51	1.1	0.1 J	0.4 J	<0.5	0.1 J	<0.5	<0.5	0.4 J	2.2 J	<5	<5	0.06 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	06/11/19	N	0.3 J	73	0.3 J	<0.5	63	5.9	0.08 J	0.5	<0.5	0.09 J	<0.5	<0.5	0.5 J	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	09/17/19	N	0.5	140	0.4 J	0.08 J	120	3.1	0.1 J	0.9	<0.5	0.1 J	<0.5	<0.5	0.8	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	04/15/20	N	0.2 J	53	0.2 J	<0.5	50	4.7	0.1 J	0.6	0.07 J	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	09/10/20	N	0.25 J	84	0.24 J	<0.50	80	0.12 J	0.17 J	0.72	<0.50	<0.50	<0.50	<0.50	0.53	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-39A	Monitoring Well	11/10/20	N	0.068 J	44	0.18 J	<0.50	43	<0.50	0.17 J	0.59	<0.50	<0.50	<0.50	<0.50	0.23 J	1.2 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-39A	Monitoring Well	04/14/21	N	<0.5	19	0.074 J	<0.5	9.6	0.2 J	0.079 J	0.22 J	<0.5	<0.5	<0.5	<0.5	0.13 J	1.1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	06/30/21	N	0.78	170	0.73	0.062 J	110	20	0.15 J	0.82	<0.5	<0.5	<0.5	<0.5	1.1	<5	<5	<5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-39A	Monitoring Well	10/13/21	N	0.24 J	120	0.32 J	<1.0	63	0.2 J	<1.0	0.61 J	<1.0	<1.0	<1.0	<1.0	0.64 J	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-39A	Monitoring Well	04/12/22	N	<1.0	21	0.12 J	<1.0	7.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.11 J	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-39A	Monitoring Well	08/02/22	N	0.87	290	1.2	<0.50	29	24	<0.50	0.35 J	<0.50	<0.50	<0.50	<0.50	0.96	<5.0	<5.0	<5.0	0.22 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-39A	Monitoring Well	10/11/22	N	<2.5	140	<2.5	<2.5	33	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.46 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-39A	Monitoring Well	04/25/23	N	0.97 J	350	<2.5	20	84	39	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.2 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-39A	Monitoring Well	08/08/23	N	<2.5	110	0.98 J	<2.5	33	8.7	<2.5	1.2 J	<2.5	<2.5	<2.5	<2.5	<2.5	49 B,*3	<25 *3	<25 *3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-39A	Monitoring Well	10/31/23	N	<2.5	20	<2.5	<2.5	5.1	18	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-39A	Monitoring Well	04/09/24	N	<0.50	3.1	<0.50	<0.50	1.3	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.7 J	<5.0	<5.0	<0.50	<0.50	<0.50	0.12 J	<0.50	<0.50	ND
BP-39A	Monitoring Well	08/13/24	N	<0.50	3.6	0.15 J	<0.50	1.7	4.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	86	<5.0 *+	<5.0 *+	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-39A	Monitoring Well	11/12/24	N	<0.50	16	0.21 J	<0.50	8	20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.31 J	2.4 J	<5.0	<5.0	<0.50	<0.50	<0.50	0.11 J	<0.50	<0.50	ND
BP-39A	Monitoring Well	04/08/25	N	<0.50	1.5	2	<0.50	1.8	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-39A	Monitoring Well	08/05/25	N	<0.50	4.6	0.51	<0.50	1.3	6.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.085 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-40A	Monitoring Well	05/20/10	N	<0.5	9.5	0.1 J	<0.5	91	<0.5	0.7	0.7	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-40A	Monitoring Well	11/11/10	N	<0.5	13	<0.5	0.2 J	86	<0.5	0.6	0.8	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-40A	Monitoring Well	01/11/11	N	<0.5	9.7	<0.5	0.1 J	88	<0.5	1	0.9	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-40A	Monitoring Well	03/24/11	N	<0.5	7.6	<0.5	0.1 J	65	<0.5	0.2 J	0.6	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-40A	Monitoring Well	05/17/11	N	0.1 J	13	<0.5	<0.5	130	0.1 J	0.8	0.9	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-40A	Monitoring Well	06/21/11	N	<0.5	8.3	0.3 J	<0.5	88	<0.5	1	1	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-40A	Monitoring Well	10/11/11	N	<0.5	16	<0.5	0.1 J	120	0.1 J	0.9	0.9	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-40A	Monitoring Well	12/06/11	N	<0.5	9.4	<0.5	<0.5	68	<0.5	0.4 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-40A	Monitoring Well	03/21/12	N	<0.5	13	<0.5	0.1 J	120	0.1 J	1.2	0.9	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-40A	Monitoring Well	09/12/12	N	<0.5	5.3	<0.5	0.1 J	110	<0.5	1.2	0.9	<0.5	<0.5	<0.5	<0.5	0.2 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-40A	Monitoring Well	04/11/13	N	<0.5	4.1	<0.5	<0.5	33	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
BP-41A	Monitoring Well	10/11/22	N	0.34 J	88 H	0.48 J	<0.50	430 H	0.72	3.3	6.8	<0.50	0.25 J	<0.50	0.3 J	5.7	2.8 J	<5.0	<5.0	0.27 J	<0.50	<0.50	0.097 J	<0.50	<0.50	ND
BP-41A	Monitoring Well	04/25/23	N	0.77 J	230	0.94 J	<2.5	490	17	2.8	6.9	<2.5	0.55 J	<2.5	<2.5	4.4	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-41A	Monitoring Well	08/08/23	N	0.93 J	500	1.5 J	<2.5	14	40	<2.5	19	<2.5	<2.5	<2.5	<2.5	4.4	28 B,*3	<25 *3	<25 *3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-41A	Monitoring Well	10/31/23	N	<2.5	150	<2.5	<2.5	51	14	<2.5	3.3	<2.5	<2.5	<2.5	<2.5	1.5 J	20 J	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-41A	Monitoring Well	04/10/24	N	0.56 J	290	0.74 J	<1.0	99	9.9	0.27 J	5	<1.0	<1.0	<1.0	0.22 J	2.6	10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-41A	Monitoring Well	08/13/24	N	0.36 J	100	0.89	<0.50	84	16	<0.50	0.65	<0.50	0.47 J	<0.50	<0.50	2.2	20	<5.0	<5.0	0.2 J	<0.50	<0.50	0.11 J	<0.50	<0.50	ND
BP-41A	Monitoring Well	11/12/24	N	<0.50	66	0.49 J	<0.50	44	22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.98	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	0.1 J	<0.50	<0.50	ND
BP-41A	Monitoring Well	04/08/25	N	0.27 J	100	1	<0.50	150	7.4	1.2	1.8	<0.50	0.27 J	<0.50	0.15 J	1.5	6.4	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-41A	Monitoring Well	08/05/25	N	<0.50	31	1	<0.50	0.43 J	90	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2	120 B	<5.0	<5.0	0.14 J	<0.50	0.082 J	0.24 J	<0.50	<0.50	ND
BP-42AS	Monitoring Well	10/11/22	N	1.1	27 H	0.12 J	<0.50	470 H	0.82	3.5	18	<0.50	0.1 J	<0.50	0.31 J	12	1.3 J	<5.0	<5.0	0.48 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AS	Monitoring Well	04/25/23	N	<2.5	13	<2.5	2.6	200	<2.5	1.9 J	3	<2.5	<2.5	<2.5	<2.5	2 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-42AS	Monitoring Well	08/08/23	N	<2.5	120	<2.5	<2.5	160	0.81 J	<2.5	50	<2.5	1.6 J	<2.5	<2.5	3.1	64 B,*3	<25 *3	<25 *3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-42AS	Monitoring Well	10/31/23	N	0.28 J	76	0.24 J	<1.0	120	3.2	0.82 J	16	<1.0	<1.0	<1.0	0.22 J	2.3	5.8 J	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-42AS	Monitoring Well	04/10/24	N	0.3 J	130	0.59 J	<1.0	2.7	8.6	<1.0	0.24 J	<1.0	<1.0	<1.0	<1.0	3	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	0.52 J	<1.0	0.52
BP-42AS	Monitoring Well	08/13/24	N	0.2 J	54	0.51	<0.50	11	19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	2.1 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AS	Monitoring Well	11/13/24	N	0.15 J	59	0.73	<0.50	9.7	31	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AS	Monitoring Well	04/08/25	N	0.16 J	45	0.32 J	<0.50	38	4.9	0.26 J	0.79	<0.50	0.25 J	<0.50	<0.50	0.86	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AS	Monitoring Well	08/05/25	N	0.25 J	56	0.45 J	<0.50	2.5	44	<0.50	0.33 J	<0.50	0.2 J	<0.50	<0.50	1.5	25 B	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AI	Monitoring Well	10/11/22	N	<0.50	0.17 J	<0.50	<0.50	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AI	Monitoring Well	04/25/23	N	<0.50	<0.50	<0.50	<0.50	0.59	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AI	Monitoring Well	08/08/23	N	<0.50	0.1 J	<0.50	<0.50	0.49 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	42 B	39	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AI	Monitoring Well	10/31/23	N	<0.50	<0.50	<0.50	<0.50	0.59	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AI	Monitoring Well	04/10/24	N	<0.50	<0.50	<0.50	<0.50	0.36 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AI	Monitoring Well	08/13/24	N	<0.50	<0.50	<0.50	<0.50	0.36 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AI	Monitoring Well	11/13/24	N	<0.50	0.11 J	<0.50	<0.50	0.36 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AI	Monitoring Well	04/08/25	N	<0.50	<0.50	<0.50	<0.50	0.29 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AI	Monitoring Well	08/05/25	N	<0.50	0.22 J	<0.50	<0.50	0.34 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AD	Monitoring Well	10/11/22	N	0.27 J	64 H	0.31 J	<0.50	25	19	<0.50	0.78	<0.50	<0.50	<0.50	<0.50	0.85	<5.0	<5.0	<5.0	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AD	Monitoring Well	04/25/23	N	0.24 J	74	0.32 J	<0.50	21	7.7	<0.50	0.72	<0.50	<0.50	<0.50	<0.50	0.57	<5.0	<5.0	<5.0	0.12 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AD	Monitoring Well	08/08/23	N	<0.50	39	0.24 J	<0.50	0.71	2.5	<0.50	0.094 J	<0.50	<0.50	<0.50	<0.50	0.25 J	26 *3	<5.0 *3	<5.0 *3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AD	Monitoring Well	10/31/23	N	<0.50	28	0.22 J	<0.50	0.57	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.21 J	18	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AD	Monitoring Well	04/10/24	N	<0.50	10	0.15 J	<0.50	0.51	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.11 J	2.1 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AD	Monitoring Well	08/13/24	N	<0.50	4.8	0.13 J	<0.50	0.91	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.1 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AD	Monitoring Well	11/13/24	N	<0.50	2.3	<0.50	<0.50	0.66	0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-42AD	Monitoring Well	08/05/25	N	<0.50	1.3	0.15 J	<0.50	0.39 J	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.13 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AS	Monitoring Well	10/11/22	N	2	54 H	0.44 J	<0.50	520 H	1.9	1.3	9	<0.50	0.16 J	<0.50	0.28 J	11	1 J	<5.0	<5.0	0.83	<0.50	<0.50	0.16 J	<0.50	<0.50	ND
BP-43AS	Monitoring Well	04/25/23	N	0.67 J	80	<2.5	4.3	540	7.7	4.6	17	<2.5	<2.5	<2.5	0.48 J	10	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-43AS	Monitoring Well	08/08/23	N	0.61 J	130	0.75 J	<2.5	380	1.3 J	1.2 J	26	<2.5	<2.5	<2.5	0.47 J	10	17 J,B,*3	<25 *3	<25 *3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-43AS	Monitoring Well	10/31/23	N	1.2	130	0.39 J	<1.0	690	23	8	37	<1.0	0.45 J	<1.0	0.61 J	16	12	<10	<10	0.39 J	<1.0	<1.0	<1.0	<1.0	<1.0	ND
BP-43AS	Monitoring Well	04/10/24	N	1 J	320	<5.0	<5.0	92	17	1.4 J	15	<5.0	4.1 J	<5.0	<5.0	13	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
BP-43AS	Monitoring Well	08/13/24	N	2.5	300	0.6	<0.50	310	28	2.2	16	<0.50	2.5	<0.50	0.21 J	12	240	<5.0	<5.0	0.45 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AS	Monitoring Well	11/13/24	N	1.5 J	320	0.89 J	<2.5	140	7.1	<2.5	0.73 J	<2.5	<2.5	<2.5	<2.5	9.2	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-43AS	Monitoring Well	04/08/25	N	0.79 J	310	<2.5	<2.5	82	12	<2.5	3	<2.5	2.2 J	<2.5	<2.5	8.8	8.9 J	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-43AS	Monitoring Well	08/05/25	N	1.2 J	330	0.98 J	<2.5	1.1 J	150	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	10	24 J,B	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
BP-43AI	Monitoring Well	10/11/22	N	<0.50	0.57	<0.50	<0.50	1.6	0.11 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AI	Monitoring Well	04/25/23	N	<0.50	4.2	<0.50	<0.50	1.1	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AI	Monitoring Well	08/08/23	N	<0.50	1.7	<0.50	<0.50	5.2	0.35 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2 J,B	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AI	Monitoring Well	10/31/23	N	<0.50	1.1	<0.50	<0.50	6.9	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AI	Monitoring Well	04/10/24	N	<0.50	0.43 J	<0.50	<0.50	2.5	0.24 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AI	Monitoring Well	08/13/24	N	<0.50	0.96	<0.50	<0.50	6.3	0.4 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.073 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AI	Monitoring Well	11/13/24	N	<0.50	0.48 J	<0.50	<0.50	4.2	0.22 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AI	Monitoring Well	04/08/25	N	<0.50	1.1	<0.50	<0.50	1.8	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.1 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AI	Monitoring Well	08/05/25	N	<0.50	2.4	<0.50	<0.50	3.2	1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AD	Monitoring Well	10/11/22	N	<0.50	0.58	<0.50	<0.50	1.9	0.42 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AD	Monitoring Well	04/25/23	N	<0.50	1.2	<0.50	<0.50	0.56	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AD	Monitoring Well	08/08/23	N	<0.50	1	<0.50	<0.50	0.085 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0 *3	<5.0 *3	<5.0 *3	0.15 J	<0.50	<0.50	0.2 J	<0.50	<0.50	ND
BP-43AD	Monitoring Well	10/31/23	N	<0.50	1.4	<0.50	<0.50	0.16 J	0.11 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AD	Monitoring Well	04/10/24	N	<0.50	0.48 J	<0.50	<0.50	0.25 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AD	Monitoring Well	08/13/24	N	<0.50	0.48 J	<0.50	<0.50	0.27 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AD	Monitoring Well	11/13/24	N	<0.50	0.6	<0.50	<0.50	0.29 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-43AD	Monitoring Well	08/05/25	N	<0.50	0.29 J	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AS	Monitoring Well	10/12/22	N	1.4	370	1.1	<0.50	660	3.3	1.9	7.1	<0.50	0.14 J	<0.50	0.19 J	12	<5.0	<5.0	<5.0	1.2	<0.50	<0.50	0.14 J	<0.50	<0.50	ND
BP-44AS	Monitoring Well	04/26/23	N	<5.0	17	<5.0	<5.0	450	<5.0	4.4 J	1.7 J	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
BP-44AS	Monitoring Well	08/09/23	N	1.3 J	510	2.7 J	<5.0	360	9.5	<5.0	15	<5.0	<5.0	<5.0	<5.0	3.6 J	95	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
BP-44AS	Monitoring Well	10/31/23	N	<5.0	220	<5.0	<5.0	650	2.5 J	6	17	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
BP-44AS	Monitoring Well	04/11/24	N	1.5 J	440	2.2 J	<5.0	610	14	5.4	12	<5.0	<5.0	<5.0	<5.0	1.7 J	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
BP-44AS	Monitoring Well	08/13/24	N	1.2 J	230	1.6 J	<5.0	830	23	8	13	<5.0	<5.0	<5.0	0.87 J	2.8 J	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
BP-44AS	Monitoring Well	11/11/24	N	1.5 J	610	3.4 J	<5.0	100	9.7	<5.0	2 J	<5.0	<5.0	<5.0	<5.0	2.5 J	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
BP-44AS	Monitoring Well	04/08/25	N	1.2 J	390	1.7 J	<5.0	790	62	2.9 J	12	<5.0	<5.0	<5.0	<5.0	1.8 J	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
BP-44AS	Monitoring Well	08/06/25	N	2.1 J	900	1.3 J	<5.0	35	50	<5.0	<5.0	<5.0	2.8 J	<5.0	<5.0	2.7 J	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
BP-44AI	Monitoring Well	10/12/22	N	<0.50	3.8	<0.50	<0.50	2.8	2.1	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AI	Monitoring Well	04/26/23	N	<0.50	0.99	<0.50	<0.50	0.77	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AI	Monitoring Well	08/09/23	N	<0.50	0.89	<0.50	<0.50	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AI	Monitoring Well	10/31/23	N	<0.50	0.74	<0.50	<0.50	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AI	Monitoring Well	04/11/24	N	<0.50	0.31 J	<0.50	<0.50	0.63	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AI	Monitoring Well	08/14/24	N	<0.50	0.34 J	<0.50	<0.50	0.64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AI	Monitoring Well	11/12/24	N	<0.50	0.38 J	<0.50	<0.50	0.69	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AI	Monitoring Well	04/08/25	N	<0.50	0.14 J	<0.50	<0.50	0.37 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AI	Monitoring Well	08/07/25	N	<0.50	0.23 J	<0.50	<0.50	0.52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.9 J	<5.0	<5.0	<0.50	<0.50	<0.50	0.13 J	<0.50	<0.50	ND
BP-44AD	Monitoring Well	10/12/22	N	<0.50	0.78	<0.50	<0.50	1.6	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	13	<5.0	<5.0	<0.50	<0.50	<0.50	0.11 J	<0.50	<0.50	ND
BP-44AD	Monitoring Well	04/26/23	N	<0.50	0.71	<0.50	<0.50	0.45 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.25 J	0.1 J	0.35
BP-44AD	Monitoring Well	08/09/23	N	<0.50	0.58	<0.50	<0.50	0.31 J	0.19 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AD	Monitoring Well	10/31/23	N	<0.50	0.56	<0.50	<0.50	0.37 J	0.24 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AD	Monitoring Well	04/11/24	N	<0.50	0.27 J	<0.50	<0.50	0.21 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
BP-44AD	Monitoring Well	08/14/24	N	<0.50	0.39 J	<0.50	<0.50	0.26 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AD	Monitoring Well	11/12/24	N	<0.50	0.26 J	<0.50	<0.50	0.23 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-44AD	Monitoring Well	08/07/25	N	<0.50	0.17 J	<0.50	<0.50	0.16 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	0.083 J	<0.50	<0.50	ND
BP-45AS	Monitoring Well	10/12/22	N	<0.50	16	<0.50	<0.50	20	0.62	0.18 J	0.46 J	<0.50	<0.50	<0.50	<0.50	0.13 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AS	Monitoring Well	04/26/23	N	<0.50	9.6	<0.50	<0.50	110	<0.50	0.87	0.99	<0.50	<0.50	<0.50	0.13 J	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AS	Monitoring Well	08/09/23	N	<0.50	51	0.12 J	<0.50	93	0.24 J	0.66	30	0.38 J	0.26 J	<0.50	0.13 J	0.19 J	40 *3	<5.0 *3	<5.0 *3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AS	Monitoring Well	11/01/23	N	<0.50	51	0.11 J	<0.50	47	0.12 J	0.23 J	16	0.15 J	<0.50	<0.50	<0.50	<0.50	2.1 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AS	Monitoring Well	04/11/24	N	<0.50	38	0.16 J	<0.50	53	2.1	0.33 J	3.7	<0.50	<0.50	<0.50	0.089 J	0.14 J	1.6 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AS	Monitoring Well	08/14/24	N	<0.50	29	<0.50	<0.50	45	<0.50	0.2 J	4.1	<0.50	<0.50	<0.50	0.086 J	0.13 J	2.5 J	2.3 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AS	Monitoring Well	04/08/25	N	<0.50	28	<0.50	<0.50	56	0.88	0.48 J	2.1	<0.50	<0.50	<0.50	0.11 J	0.13 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AS	Monitoring Well	08/07/25	N	<0.50	45	<0.50	<0.50	20	0.17 J	<0.50	0.85	<0.50	<0.50	<0.50	<0.50	0.14 J	1.5 J,*3	<5.0 *3	<5.0 *3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AI	Monitoring Well	10/12/22	N	<0.50	0.95	<0.50	<0.50	0.98	0.21 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AI	Monitoring Well	04/26/23	N	<0.50	0.71	<0.50	<0.50	0.52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AI	Monitoring Well	08/09/23	N	<0.50	0.46 J	<0.50	<0.50	0.59	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	9.7	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AI	Monitoring Well	10/31/23	N	<0.50	0.38 J	<0.50	<0.50	0.46 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AI	Monitoring Well	04/11/24	N	<0.50	0.1 J	<0.50	<0.50	0.32 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AI	Monitoring Well	08/14/24	N	<0.50	0.17 J	<0.50	<0.50	0.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AI	Monitoring Well	11/12/24	N	<0.50	0.19 J	<0.50	<0.50	0.53	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AI	Monitoring Well	04/08/25	N	<0.50	0.13 J	<0.50	<0.50	0.17 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AI	Monitoring Well	08/07/25	N	<0.50	0.51	<0.50	<0.50	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	0.11 J	<0.50	<0.50	ND
BP-45AD	Monitoring Well	10/12/22	N	<0.50	<0.50	<0.50	<0.50	0.31 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AD	Monitoring Well	04/26/23	N	<0.50	<0.50	<0.50	<0.50	0.083 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AD	Monitoring Well	08/09/23	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0 *3	<5.0 *3	<5.0 *3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AD	Monitoring Well	10/31/23	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AD	Monitoring Well	04/11/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AD	Monitoring Well	08/14/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AD	Monitoring Well	11/12/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BP-45AD	Monitoring Well	08/07/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.4 J,*3	<5.0 *3	<5.0 *3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
C-1	Injection Well	10/12/22	N	<0.50	4.9	1.7	<0.50	1.4	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.17 J	1 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
C-1	Injection Well	04/26/23	N	<0.50	14	0.83	<0.50	2.6	6.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.19 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
C-1	Injection Well	08/09/23	N	0.25 J	72	0.66	<0.50	0.26 J	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	5,300	230	<5.0	0.19 J	0.1 J	<0.50	0.69	0.39 J	0.25 J	0.64
C-1	Injection Well	11/01/23	N	<25	17 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	1,400	130 J	<250	<25	<25	<25	<25	<25	<25	ND
C-1	Injection Well	04/11/24	N	<10	3.4 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<250	<250	<250	<10	<10	<10	<10	<10	<10	ND
C-1	Injection Well	08/15/24	N	<10	3.8 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100	<100	<100	<10	<10	<10	<10	<10	<10	ND
C-1	Injection Well	11/13/24	N	<10	3.9 J	<10	<10	3.6 J	<10	<10	<10	<10	<10	<10	<10	<10	<100	<100	<100	<10	<10	<10	<10	<10	<10	ND
C-1	Injection Well	08/07/25	N	<10	3.1 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100 F1	<100	<100	<10	<10	<10	<10	<10	<10	ND
C-2	Injection Well	10/13/22	N	5 J	350	<25	<25	3,100	<25	<25	29	<25	<25	<25	<25	21 J	<250	<250	<250	7 J	<25	<25	<25	<25	<25	ND
C-2	Injection Well	04/27/23	N	18 J	2,000	6 J	12 J	17,000	37	<25	160	<25	18 J	<25	<25	52	<250	<250	<250	16 J	<25	<25	4.5 J	<25	<25	ND
C-2	Injection Well	08/10/23	N	<50	270	<50	<50	410	29 J	<50	15 J	<50	<50	<50	<50	11 J	<500 *3	4,200 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
C-2	Injection Well	11/01/23	N	<50	1,000	<50	<50	990	32 J	<50	31 J	<50	<50	<50	<50	21 J	<500	820	<500	<50	<50	<50	<50	<50	<50	ND
C-2	Injection Well	04/10/24	N	<100	1,500	36 J	<100	150	1,200	<100	85 J	<100	<100	<100	<100	86 J	<1000	340 J	<1000	<100	<100	<100	<100	<100	<100	ND
C-2	Injection Well	08/15/24	N	5.7 J	2,100	28	<25	630	460	<25	39	<25	<25	<25	<25	58	<250	470	<250	9.3 J	<25	<25	4.3 J	<25	7.3 J	7.3
C-2	Injection Well	11/13/24	N	<25	30	32	<25	<25	45	<25	17 J	<25	<25	<25	<25	52	<250	<250	<250	13 J	<25	<25	5.7 J	<25	11 J	11
C-2	Injection Well	04/09/25	N	<25	23 J	32	<25	<25	29	<25	16 J	<25	<25	<25	<25	41	75 J	150 J	<250	9.6 J	<25	<25	5.8 J	<25	25	25
C-2	Injection Well	08/06/25	N	<25	5.7 J	31	<25	<25	10 J	<25	6.4 J	<25	<25	<25	<25	43	130 J,*3	240 J,*3	<250 *3	10 J	<25	<25 *+	6.2 J	<25	16 J	16
C-3	Injection Well	10/14/22	N	23 J	6,500	13 J	<50	6,400	64	<50	45 J	<50	<50	<50	<50	30 J	<500	<500	<500	13 J	<50	<50	<50	<50	<50	ND
C-3	Injection Well	04/27/23	N	24 J	8,900	<50	<250	6,300	91	<50	19 J	<50	<50	<50	<50	18 J	<500	<500	<500	<50	<50	<50	9.5 J	<50	<50	ND
C-3	Injection Well	08/10/23	N	<50	650	<50	<50	210	52	<50	<50	<50	<50	<50	<50	<50	<500 *3	1,500 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
C-3	Injection Well	11/02/23	N	<50	2,000	<50	<50	430	60	<50	<50	<50	<50	<50	<50	8.4 J	<500	550	<500	<50	<50	<50	<50	<50	<50	ND
C-3	Injection Well	04/11/24	N	<500	7,100	<500	<500	520	120 J	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
C-3	Injection Well	08/15/24	N	<500	10,000	<500	<500	<500	1,800	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
C-3	Injection Well	11/13/24	N	<500	920	<500	<500	160 J	510	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
C-3	Injection Well	08/07/25	N	<50	2,000	24 J	<50	<50	290	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
C-4	Injection Well	10/13/22	N	6.1	2,400	4.8 J	<5.0	890	88	<5.0	10	<5.0	<5.0	<5.0	<5.0	5	<50	<50	<50	1.5 J	2.5 J	<5.0	2.1 J	2.3 J	6.7	9
C-4	Injection Well	04/27/23	N	<5.0	150	1.3 J	83	16	9.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
C-4	Injection Well	08/10/23	N	<25	1,600	<25	<25	600	97	<25	13 J	<25	<25	<25	<25	8 J	210 J	1,400	<250	<25	<25	<25	4.4 J	<25	3.5 J	3.5
C-4	Injection Well	11/02/23	N	9.2 J	4,000	5.6 J	<25	27	100	<25	<25	<25	<25	<25	<25	6 J	500 *3	<250 *3	<250 *3	<25	15 J	<25	41	17 J	20 J	37
C-4	Injection Well	04/11/24	N	<250	2,100	<250	<250	<250	120 J	<250	<250	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
C-4	Injection Well	08/15/24	N	<25	1,200	5.1 J	<25	<25	170	<25	<25	<25	<25	<25	<25	4.6 J	<250	<250	<250	<25	7.3 J	<25	22 J	10 J	13 J	23
C-4	Injection Well	11/14/24	N	<100	28 J	<100	<100	48 J	22 J	<100	<100	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	<100	<100	<100	<100	<100	ND
C-4	Injection Well	04/09/25	N	<25 *+	4.7 J	<25	<25	<25	8 J	<25	<25	<25	<25	<25	<25	<25	<250 *+	<250	<250	<25	4 J	<25	10 J	<25	6.8 J	6.8
C-4	Injection Well	08/07/25	N	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	4 J	<25	9.5 J	<25	7.8 J	7.8
C-5	Injection Well	10/12/22	N	0.14 J	98 H	0.82	<0.50	9.7	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.23 J	15	2.7 J	<5.0	<0.50	0.52	<0.50	0.18 J	0.32 J	0.4 J	0.72
C-5	Injection Well	04/26/23	N	<0.50	37	0.4 J	<0.50	4.1	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.12 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
C-5	Injection Well	08/10/23	N	<25	400	<25	<25	93	28	<25	<25	<25	<25	<25	<25	<25	150 J	1,200	<250	<25	<25	<25	7.4 J	<25	3.7 J	3.7
C-5	Injection Well	11/01/23	N	<25	1,200	<25	<25	4.9 J	42	<25	<25	<25	<25	<25	<25	4.4 J	400	750	<250	<25	22 J	<25	77	65	30	95
C-5	Injection Well	04/10/24	N	<100	880	<100	<100	<100	120	<100	<100	<100	<100	<100	<100	<100	<1000	400 J	<1000	<100	<100	<100	50 J	<100	18 J	18
C-5	Injection Well	08/15/24	N	<1.0	170	0.89 J	<1.0	0.27 J	52	<1.0	<1.0	<1.0	0.41 J	<1.0	<1.0	1.1	45	77 *+	<10 *+	0.44 J	17	1.1	32	51	23	74
C-5	Injection Well	11/13/24	N	<500	300 J	<500	<500	130 J	<500	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
C-5	Injection Well	04/09/25	N	<10 *+	110	<10	<10	<10	57	<10	<10	<10	<10	<10	<10	1.7 J	84 J,*+	45 J	<100	<10	22	<10	31	84	36	120
C-5	Injection Well	08/06/25	N	<10	170	<10	<10	<10	42	<10	<10	<10	<10	<10	<10	<10	<100	<100	<100	<10	31	1.8 J	35	110	51	161
C-6	Injection Well	10/14/22	N	<0.50	67	0.64	<0.50	4.1	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.21 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	0.091 J	<0.50	<0.50	ND
C-6	Injection Well	04/27/23	N	<0.50	42	0.41 J	<0.50	3.3	4.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.18 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
C-6	Injection Well	08/10/23	N	<25	180	<25	<25	32	13 J	<25	<25	<25	<25	<25	<25	<25	220 J,*3	1,800 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
C-6	Injection Well	11/02/23	N	<25	100	<25	<25	5 J	7.5 J	<25	<25	<25	<25	<25	<25	<25	640	770	<250	<25	<25	<25	<25	<25	<25	ND
C-6	Injection Well	04/11/24	N	<25	120	<25	<25	<25	11 J	<25	<25	<25	<25	<25	<25	<25	230 J	300	<250	<25	<25	<25	5.2 J	<25	<25	ND
C-6	Injection Well	08/15/24	N	<25	160	<25	<25	<25	25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	6.6 J	<25	<25	ND
C-6	Injection Well	11/14/24	N	<100	30 J	<100	<100	30 J	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	<100	<100	<100	<100	<100	ND
C-6	Injection Well	08/07/25	N	<50	11 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
C-7	Injection Well	10/14/22	N	<0.50	37	0.38 J	<0.50	7.1	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.16 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
C-7	Injection Well	04/27/23	N	<0.50	41	0.43 J	<0.50	3.7	5.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.18 J	24	9.1	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
C-7	Injection Well	08/10/23	N	<250	47 J	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2500 *3	<2500 *3	<2500 *3	<250	<250	<250	<250	<250	<250	ND
C-7	Injection Well	11/02/23	N	<25	170	<25	<25	11 J	8 J	<25	<25	<25	<25	<25	<25	<25	1,500 *3	1,100 *3	<250 *3	<25	<25	<25	7.9 J	<25	<25	ND
C-7	Injection Well	04/11/24	N	<25	120	<25	<25	21 J	<25	<25	<25	<25	<25	<25	<25	<25	660	2,200	<250	<25	<25	<25	4 J	<25	<25	ND
C-7	Injection Well	08/15/24	N	<25	76	<25	<25	<25	5.3 J	<25	<25	<25	<25	<25	<25	<25	520	1,100	<250	<25	<25	<25	<25	<25	<25	ND
C-7	Injection Well	11/14/24	N	<100	46 J	<100	<100	23 J	<100	<100	<100	<100	<100	<100	<100	<100	470 J	470 J	<1000	<100	<100	<100	<100	<100	<100	ND
C-7	Injection Well	04/09/25	N	<25 *+	6.1 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	410 *+	120 J	<250	<25	<25	<25	<25	<25	<25	ND
C-7	Injection Well	08/07/25	N	<25	4.3 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	120 J	<250	<250	<25	<25	<25	5.2 J	<25	<25	ND
C-8	Injection Well	10/14/22	N	0.61	260	2.4	<0.50	76	30	<0.50	0.16 J	<0.50	0.13 J	<0.50	<0.50	1.3	2.2 J	<5.0	<5.0	0.27 J	14	4.9	0.88	14	2.1	16.1
C-8	Injection Well	04/27/23	N	<2.5	130	1.5 J	<2.5	28	20	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.68 J	<25	<25	<25	<2.5	8	2.6	<2.5	6.7	0.52 J	7.22
C-8	Injection Well	08/10/23	N	<50	68	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	280 J*3	<500 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
C-8	Injection Well	11/02/23	N	<50	130	<50	<50	<50	12 J	<50	<50	<50	<50	<50	<50	<50	440 J	<500	<500	<50	<50	<50	<50	<50	<50	ND
C-8	Injection Well	04/11/24	N	<25	34	<25	<25	<25	8.7 J	<25	<25	<25	<25	<25	<25	<25	470	140 J	<250	<25	<25	<25	<25	<25	<25	ND
C-8	Injection Well	08/15/24	N	<5.0	6.4	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.2 J	64	32 J	<50	<5.0	1.8 J	<5.0	1.2 J	2.1 J	<5.0	2.1
C-8	Injection Well	11/14/24	N	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
C-8	Injection Well	08/07/25	N	<5.0	2.4 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	1.1 J	<5.0	1.2 J	<5.0	<5.0	ND
C-9	Injection Well	10/14/22	N	0.3 J	77	0.19 J	<0.50	210	1.2	<0.50	1.7	<0.50	0.12 J	<0.50	<0.50	0.33 J	1.1 J	<5.0	<5.0	0.14 J	<0.50	<0.50	0.14 J	<0.50	<0.50	ND
C-9	Injection Well	04/27/23	N	<2.5	330	0.76 J	<2.5	290	1.2 J	<2.5	4.8	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
C-9	Injection Well	08/10/23	N	<250	66 J	<250	<250	250	<250	<250	<250	<250	<250	<250	<250	<250	<2500 *3	<2500 *3	<2500 *3	<250	<250	<250	<250	<250	<250	ND
C-9	Injection Well	11/02/23	N	<250	150 J	<250	<250	150 J	<250	<250	<250	<250	<250	<250	<250	<250	<2500 *3	1,300 J,*3	<2500 *3	<250	<250	<250	<250	<250	<250	ND
C-9	Injection Well	04/11/24	N	<250	44 J	<250	<250	91 J	<250	<250	<250	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
C-9	Injection Well	08/15/24	N	<100	110	<100	<100	99 J	<100	<100	<100	<100	<100	<100	<100	<100	<1000	580 J	<1000	<100	<100	<100	<100	<100	<100	ND
C-9	Injection Well	11/13/24	N	<25	200	<25	<25	110	6.3 J	<25	<25	<25	<25	<25	<25	<25	<250	730	<250	<25	<25	<25	<25	<25	<25	ND
C-9	Injection Well	04/09/25	N	<25	390	<25	<25	260	12 J	<25	<25	<25	<25	<25	<25	<25	<250	460	<250	<25	<25	<25	10 J	<25	<25	ND
C-9	Injection Well	08/06/25	N	<100	630	<100	<100	170	<100	<100	<100	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	<100	<100	<100	<100	<100	ND
C-10	Injection Well	10/14/22	N	<0.50	15	<0.50	<0.50	17	1.1	<0.50	0.16 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
C-10	Injection Well	04/27/23	N	0.29 J	49	0.13 J	<0.50	100	2.9	<0.50	0.14 J	<0.50	<0.50	<0.50	<0.50	0.19 J	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
C-10	Injection Well	08/10/23	N	<250	<250	<250	<250	66 J	<250	<250	<250	<250	<250	<250	<250	<250	<2500 *3	<2500 *3	<2500 *3	<250	<250	<250	<250	<250	<250	ND
C-10	Injection Well	11/02/23	N	<250	40 J	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
C-10	Injection Well	04/11/24	N	<50	99	<50	<50	76	<50	<50	<50	<50	<50	<50	<50	<50	240 J	270 J	<500	<50	<50	<50	<50	<50	<50	ND
C-10	Injection Well	08/15/24	N	<10	87	<10	<10	39	6.2 J	<10	<10	<10	<10	<10	<10	<10	230	250	<100	<10	<10	<10	<10	<10	<10	ND
C-10	Injection Well	08/07/25	N	<25	270	<25	<25	110	13 J	<25	<25	<25	<25	<25	<25	<25	130 J	470	<250	<25	<25	<25	<25	<25	<25	ND
C-11	Injection Well	10/14/22	N	0.36 J	30	<0.50	0.31 J	260	0.66	0.42 J	2.6	<0.50	<0.50	<0.50	0.28 J	0.99	2.3 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
C-11	Injection Well	04/27/23	N	<2.5	85	<2.5	<2.5	120	4.3	<2.5	1.9 J	<2.5	<2.5	<2.5	<2.5	0.47 J	<25	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
C-11	Injection Well	08/10/23	N	<50	35 J	<50	<50	43 J	<50	<50	<50	<50	<50	<50	<50	<50	<500 *3	<500 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
C-11	Injection Well	11/02/23	N	<50	44 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	320 J	<500	<500	<50	<50	<50	<50	<50	<50	ND
C-11	Injection Well	04/11/24	N	<25	45	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	210 J	130 J	<250	<25	<25	<25	<25	<25	<25	ND
C-11	Injection Well	08/15/24	N	<25	41	<25	<25	<25	8.5 J	<25	<25	<25	<25	<25	<25	6.7 JB	89 J	<250	<250	<25	<25	<25	<25	<25	<25	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
C-11	Injection Well	11/13/24	N	<25	63	<25	<25	<25	12 J	<25	<25	<25	<25	<25	<25	<25	82 J	<250	<250	<25	<25	<25	<25	<25	<25	ND
C-11	Injection Well	04/09/25	N	<25	8.1 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
C-11	Injection Well	08/07/25	N	<5.0	12	<5.0	<5.0	<5.0	1.5 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
D-1	Injection Well	10/12/22	N	2.4	110 H	1.2	<0.50	400 H	23 H	0.77	2.7	<0.50	0.3 J	<0.50	<0.50	2.4	<5.0	<5.0	<5.0	0.32 J	<0.50	0.28 J	<0.50	<0.50	<0.50	ND
D-1	Injection Well	04/26/23	N	<5.0	160	1 J	<5.0	32	21	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	55	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
D-1	Injection Well	08/10/23	N	<250	310	<250	<250	190 J	<250	<250	<250	<250	<250	<250	<250	<250	<2500 *3	<2500 *3	<2500 *3	<250	<250	<250	<250	<250	<250	ND
D-1	Injection Well	11/01/23	N	<50	350	<50	<50	87	17 J	<50	<50	<50	<50	<50	<50	<50	710	870	<500	<50	<50	<50	<50	<50	<50	ND
D-1	Injection Well	04/11/24	N	<25	810	<25	<25	41	30	<25	<25	<25	<25	<25	<25	6.2 J	990	1,800	<250	<25	<25	<25	<25	<25	<25	ND
D-1	Injection Well	08/14/24	N	<25	190	<25	<25	<25	18 J	<25	<25	<25	<25	<25	<25	7.5 JB	320	450	<250	<25	<25	<25	9.1 J	<25	<25	ND
D-1	Injection Well	11/11/24	N	<25	93	<25	<25	<25	6.3 J	<25	<25	<25	<25	<25	<25	<25	170 J	260	<250	<25	<25	<25	6.8 J	<25	<25	ND
D-1	Injection Well	08/07/25	N	<100	22 J	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	500 J,*3	1,900 *3	<1000 *3	<100	<100	<100	<100	<100	<100	ND
D-2	Injection Well	10/13/22	N	5.4	1,900	10	<0.50	320	190	0.57	22	<0.50	1.8	<0.50	0.18 J	16	5.7	<5.0	<5.0	3.4	0.12 J	0.08 J	0.19 J	<0.50	0.15 J	0.15
D-2	Injection Well	04/27/23	N	5.7	2,400	17	<5.0	780	330	<5.0	15	<5.0	<5.0	<5.0	<5.0	10	10 J	<50	<50	2.8 J	<5.0	<5.0	<5.0	<5.0	<5.0	ND
D-2	Injection Well	08/10/23	N	<50	2,600 H	<50	<50	160	400	<50	12 J	<50	<50	<50	<50	13 J	<500 *3	2,300 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
D-2	Injection Well	11/01/23	N	<25	2,700	14 J	<25	290	280	<25	11 J	<25	<25	<25	<25	16 J	1,200 *3	3,500 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
D-2	Injection Well	04/10/24	N	<250	540	<250	<250	49 J	74 J	<250	56 J	<250	<250	<250	<250	<250	<2500	<2500	<2500	<250	<250	<250	<250	<250	<250	ND
D-2	Injection Well	08/14/24	N	<25	500	5.2 J	<25	36	110	<25	<25	<25	<25	<25	<25	5.8 J	<250 *3	890 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
D-2	Injection Well	11/13/24	N	<25	45	<25	<25	<25	18 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	10 J	<25	<25	ND
D-2	Injection Well	04/09/25	N	<25	40	<25	<25	<25	37	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
D-2	Injection Well	08/06/25	N	<25	38	<25	<25	4.3 J	6.4 J	<25	<25	<25	<25	<25	<25	<25	220 J,B	800	<250	<25	<25	<25	<25	<25	<25	ND
D-3	Injection Well	10/13/22	N	5.4 J	1,200	6.9 J	<10	4,100	250	24	96	<10	<10	<10	<10	12	<100	<100	<100	4.1 J	<10	<10	<10	<10	<10	ND
D-3	Injection Well	04/27/23	N	<10	230	<10	<10	600	68	4.4 J	15	<10	<10	<10	<10	2.6 J	27 J	<100	<100	<10	<10	<10	<10	<10	<10	ND
D-3	Injection Well	08/10/23	N	<50	690	<50	<50	160	46 J	<50	<50	<50	<50	<50	<50	<50	<500 *3	<500 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
D-3	Injection Well	11/01/23	N	<50	250	<50	<50	71	16 J	<50	<50	<50	<50	<50	<50	<50	<500 *3	<500 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
D-3	Injection Well	04/11/24	N	<25	240	<25	<25	<25	21 J	<25	<25	<25	<25	<25	<25	<25	76 J	220 J	<250	<25	<25	<25	<25	<25	<25	ND
D-3	Injection Well	08/14/24	N	<25	100	<25	<25	<25	16 J	<25	<25	<25	<25	<25	<25	<25	<250 *3	<250 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
D-3	Injection Well	11/11/24	N	<25	29	<25	<25	<25	13 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
D-3	Injection Well	08/07/25	N	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	91 J,*3	<250 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
D-4	Injection Well	10/12/22	N	19 J	9,100	26	<25	1,500	1,100	<25	29	<25	<25	<25	<25	22 J	<250	<250	<250	7.7 J	<25	<25	<25	<25	<25	ND
D-4	Injection Well	04/26/23	N	11 J	4,900	26	<25	350	410	<25	11 J	<25	<25	<25	<25	7.7 J	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
D-4	Injection Well	08/09/23	N	<250	840	<250	<250	170 J	72 J	<250	<250	<250	<250	<250	<250	<250	<2500 *3	2,100 J,*3	<2500 *3	<250	<250	<250	<250	<250	<250	ND
D-4	Injection Well	11/01/23	N	<25	1,700	8.1 J	<25	180	130	<25	<25	<25	<25	<25	<25	4.8 J	840	1,600	<250	<25	<25	<25	<25	<25	<25	ND
D-4	Injection Well	04/10/24	N	<100	490	<100	<100	<100	26 J	<100	23 J	<100	<100	<100	<100	<100	<1000	<1000	<1000	<100	<100	<100	<100	<100	<100	ND
D-4	Injection Well	08/14/24	N	<25	260	<25	<25	<25	47	<25	<25	<25	<25	<25	<25	<25	<250 *3	<250 *3	<250 *3	<25	<25	<25	10 J	<25	<25	ND
D-4	Injection Well	11/13/24	N	<25	69	<25	<25	<25	30	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	6.3 J	<25	<25	ND
D-4	Injection Well	04/09/25	N	<25	9.6 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
D-4	Injection Well	08/06/25	N	<25	120	<25	<25	<25	10 J	<25	<25	<25	<25	<25	<25	<25	110 J,B	460	<250	<25	<25	<25	<25	<25	<25	ND
D-5	Injection Well	10/13/22	N	15	3,800 H	11	1.2	3,300 H	210	0.43 J	16	<0.50	0.73	<0.50	<0.50	14	2.1 J	<5.0	<5.0	6.1	<0.50	0.12 J	0.17 J	<0.50	0.16 J	0.16
D-5	Injection Well	04/27/23	N	<25	790	<25	<25	1,200	86	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
D-5	Injection Well	08/09/23	N	<25	110	<25	<25	<25	24 J	<25	<25	<25	<25	<25	<25	<25	190 J	<250	<250	<25	<25	<25	<25	<25	<25	ND
D-5	Injection Well	11/01/23	N	<25	110	<25	<25	<25	29	<25	<25	<25	<25	<25	<25	<25	970 *3	180 J,*3	<250 *3	<25	<25	<25	<25	<25	<25	ND
D-5	Injection Well	04/11/24	N	<25	5 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	230 J	79 J	<250	<25	<25	<25	<25	<25	<25	ND
D-5	Injection Well	08/14/24	N	<25	18 J	<25	<25	<25	8.2 J	<25	<25	<25	<25	<25	<25	4.5 JB	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
D-5	Injection Well	11/11/24	N	<25	69	<25	<25	<25	21 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
D-5	Injection Well	08/07/25	N	<25	78	<25	<25	4 J	19 J	<25	<25	<25	<25	<25	<25	<25	480 *3	360 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
D-6	Injection Well	10/13/22	N	<5.0	80	<5.0	<5.0	980	17	5.2	17	<5.0	<5.0	<5.0	<5.0	1.8 J	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
D-6	Injection Well	04/27/23	N	<5.0	92	1.1 J	<5.0	880	27	3.2 J	11	<5.0	<5.0	<5.0	<5.0	1.1 J	14 J	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
D-6	Injection Well	08/10/23	N	<250	84 J	<250	<250	430	<250	<250	<250	<250	<250	<250	<250	<250	<2500 *3	2,500 *3	<2500 *3	<250	<250	<250	<250	<250	<250	ND
D-6	Injection Well	11/01/23	N	<50	110	<50	<50	260	<50	<50	<50	<50	<50	<50	<50	<50	<500	1,400	<500	<50	<50	<50	<50	<50	<50	ND
D-6	Injection Well	04/11/24	N	<25	110	<25	<25	100	7.4 J	<25	<25	<25	<25	<25	<25	<25	<250	310	<250	<25	<25	<25	<25	<25	<25	ND
D-6	Injection Well	08/14/24	N	<25 F1	240 F1	<25 F1	<25	110 F1	13 J,F1	<25	<25	<25 F1	<25	<25 F1	<25	<25	<250 F1	<250 F1	<250 F1	<25 F1	<25 F1	<25 F1	<25 F1	<25 F1	<25	ND
D-6	Injection Well	11/14/24	N	<500	210 J	<500	<500	210 J	<500	<500	<500	<500	<500	<500	<500	<500	<5000	<5000	<5000	<500	<500	<500	<500	<500	<500	ND
D-6	Injection Well	04/09/25	N	<25 *+	460	<25	<25	190	24 J	<25	<25	<25	<25	<25	<25	<25	75 J,*+	75 J	<250	<25	<25	<25	<25	<25	<25	ND
D-6	Injection Well	08/07/25	N	<50	100	<50	<50	40 J	<50	<50	<50	<50	<50	<50	<50	<50	<500 *3	230 J,*3	<500 *3	<50	<50	<50	<50	<50	<50	ND
GC-1 Port 1	Multi Level Monitoring Well	04/25/06	N	<0.1	6.9	0.2 J	0.2 J	50	<0.1	1.8	1.9	<0.1	0.3 J	<0.1	<0.1	1.6	<3	<1	<1	<0.1	<0.1	<0.1	6.8	<0.1	<0.1	ND
GC-1 Port 1	Multi Level Monitoring Well	08/16/06	N	<0.5	3.2	<0.5	<0.5	23	<0.5	0.9	<1.4	<0.5	<0.5	<0.5	<0.5	1	<5	<5	<5	<0.5	<0.5	<0.5	2.5	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	09/27/06	N	<0.5	6.2	<0.5	<0.5	41	<0.5	2.8	2.5	<0.5	<0.5	<0.5	<0.5	1.7	<5	<5	<5	<0.5	<0.5	<0.5	3.4	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	01/11/07	N	<0.5	5.7	0.1 J	<0.5	50	<0.5	2.4	2.6	0.3 J	<0.5	<0.5	<0.5	1.7	9.5 J	1.5 J	2.6 J	0.1 J	<0.5	<0.5	5.7	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	04/04/07	N	<0.5	9.7	0.4 J	<0.5	22	<0.5	1.8	1.9	<0.5	0.2 J	<0.5	<0.5	1.4	8.8 J	<5 J	<5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	07/11/07	N	<0.5	9.9	0.2 J	<0.5	27	<0.5	1.6	2	<0.5	<0.5	<0.5	<0.5	1.2	<5	<5	<5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	10/10/07	N	<0.5 J	16 J	0.6 J	<0.5 J	23	<0.5 J	1.3 J	2 J	<0.5 J	<0.5 J	<0.5 J	<0.5 J	1.3 J	16 J	<5 J	<5 J	0.1 J	<0.5 J	<0.5 J	1.1 J	<0.5 J	<0.5 J	ND
GC-1 Port 1	Multi Level Monitoring Well	11/29/07	N	<0.5	9.8	0.3 J	<0.5	31 J	<0.5	2.7	2.2	<0.5	<0.5	<0.5	<0.5	1.7 J	<5	<5	<5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	03/13/08	N	<0.5	13	0.2 J	<0.5	72 J	<0.5	3.7	3.1	<0.5	<0.5	<0.5	0.1 J	2.6	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	06/12/08	N	<0.5	15	0.2 J	<0.5	33	<0.5	1.8	1.9	<0.5	<0.5	<0.5	<0.5	1.3	3.6 J	<5	<5	<0.5	<0.5	<0.5	2.2	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	09/13/08	N	<0.5	11	<0.5	<0.5	25	<0.5	1.8	2.1 J	<0.5	<0.5	<0.5	<0.5	1.3	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	12/12/08	N	<0.5	12	<0.5	<0.5	58	<0.5	3.3	2.8 J	<0.5	<0.5	<0.5	<0.5	2.4	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	05/06/09	N	<0.5	9.4	0.1 J	<0.5	42	<0.5	1.6	1.8	<0.5	<0.5	<0.5	<0.5	1.3	<5 J	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	10/31/13	N	<0.5	12	<0.5	<0.5	28	<0.5	1.7	1.7	<0.5	<0.5	<0.5	<0.5	1.3	<5	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	04/17/14	N	0.1 J	13	<0.5	<0.5	64	<0.5	2.8	2.5	<0.5	<0.5	<0.5	0.1 J	2	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	09/10/14	N	0.1 J	50	<0.5	<0.5	2.7	<0.5	0.8	1.7	<0.5	<0.5	<0.5	<0.5	1.2	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	04/09/15	N	0.1 J	55	0.1 J	<0.5	1.5	3.2	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	1.6	<5	<5	<5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	09/24/15	N	0.2 J	43	0.1 J	<0.5	2.4	4.3	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	1.6	<5	<5	<5	<0.5	<0.5	<0.5	1.8	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	06/23/16	N	<0.5	23	<0.5	<0.5	8.5	3.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	06/21/17	N	<0.5	29	0.1 J	<0.5	12	6.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.1	<5	<5	<5	0.1 J	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	06/13/18	N	<0.5	26	0.2 J	<0.5	5.9	6.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.4	<5	<5	<5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	06/12/19	N	0.2 J	62	0.3 J	<0.5	63	5.3	0.2 J	0.2 J	<0.5	0.1 J	<0.5	<0.5	2.2	<5	<5	<5	0.3 J	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	09/11/20	N	0.087 J	34	0.15 J	<0.50	32	4.2	0.24 J	0.3 J	<0.50	<0.50	<0.50	<0.50	2	1.7 J	<5.0	<5.0	0.13 J	<0.50	<0.50	0.51	<0.50	<0.50	ND
GC-1 Port 1	Multi Level Monitoring Well	07/01/21	N	0.2 J	67	0.28 J	<0.5	36	17	0.14 J	0.21 J	<0.5	<0.5	<0.5	<0.5	2	<5	<5	<5	0.23 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 1	Multi Level Monitoring Well	08/04/22	N	0.22 J	91	0.31 J	<0.50	38	13	0.12 J	0.28 J	<0.50	<0.50	<0.50	<0.50	2.2	<5.0	<5.0	<5.0	0.24 J	<0.50	<0.50	<0.50	<0.50	<0.50	ND
GC-1 Port 1	Multi Level Monitoring Well	08/10/23	N	<25	350	<25	<25	<25	170	<25	<25	<25	<25	<25	<25	<25	<250 *3	<250 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
GC-1 Port 1	Multi Level Monitoring Well	08/15/24	N	<0.50	23	0.72	<0.50	0.47 J	7.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2	2.7 J	<5.0	<5.0	0.24 J	<0.50	<0.50	0.57	<0.50	<0.50	ND
GC-1 Port 1	Multi Level Monitoring Well	08/06/25	N	<0.50	23	0.3 J	<0.50	11	5	<0.50	<0.50	<0.50	0.27 J	<0.50	<0.50	1.5	<5.0	<5.0	<5.0	0.13 J	<0.50	<0.50	0.39 J	<0.50	<0.50	ND
GC-1 Port 2	Multi Level Monitoring Well	08/16/06	N	<0.5	4.6	<0.5	<0.5	35	<0.5	1.8	<1.8	<0.5	<0.7	<0.5	<0.5	1.1	<5	<5	<5	<0.5	<0.5	<0.5	5.1	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	09/27/06	N	<0.5	5.7	<0.5	<0.5	55	<0.5	2.3	2.4	<0.5	<0.5	<0.5	<0.5	1.6	<5	<5	<5	<0.5	<0.5	<0.5	3.8	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	01/11/07	N	<0.5	6.9	<0.5	<0.5	54	<0.5	3	3	<0.5	<0.5	<0.5	<0.5	1.9	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	04/04/07	N	<0.5	17	0.2 J	<0.5	27	<0.5	1.6	1.8	<0.5	0.5 J	<0.5	<0.5	1.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	07/11/07	N	<0.5	20	0.1 J	<0.5	20	<0.5	1.1	1.8	<0.5	<0.5	<0.5	<0.5	1.2	<5	<5	<5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	10/10/07	N	0.1 J	26	0.4 J	<0.5	20	<0.5	1.1	2	<0.5	<0.5	<0.5	<0.5	1.4	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	11/29/07	N	<0.5	15	0.4 J	<0.5	45	<0.5	2.3	2.1	<0.5	<0.5	<0.5	<0.5	1.7 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	11/29/07	FD	<0.5	15	0.2 J	<0.5	44	<0.5	2.4	2.1	<0.5	<0.5	<0.5	<0.5	1.7 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	03/13/08	N	<0.5	20	0.1 J	<0.5	65	<0.5	3.3	3	<0.5	<0.5	<0.5	<0.5	2.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	06/12/08	N	<0.5	24	0.2 J	<0.5	27	<0.5	1.6	1.9	<0.5	<0.5	<0.5	<0.5	1.4	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	09/13/08	N	<0.5	22	0.1 J	<0.5	21	<0.5	1.5	1.9 J	<0.5	<0.5	<0.5	<0.5	1.3	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	12/12/08	N	<0.5	17	<0.5	<0.5	55	<0.5	2.4	2.4 J	<0.5	<0.5	<0.5	<0.5	2.1	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
GC-1 Port 2	Multi Level Monitoring Well	05/28/09	N	<0.5	14 J	<0.5	<0.5	69 J	<0.5	3.5	3.2	<0.5	<0.5	<0.5	<0.5	2.7	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	08/16/06	N	<0.5	4.5	<0.5	<0.5	33	<0.5	1.8	<1.8	<0.5	<0.5	<0.5	<0.5	1.2	<5	<5	<5	<0.5	<0.5	<0.5	6.3	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	09/27/06	N	<0.5	6.6	<0.5	<0.5	53	<0.5	3.1	2.7	<0.5	<0.5	<0.5	<0.5	1.7	<5	<5	<5	<0.5	<0.5	<0.5	5	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	01/11/07	N	<0.5	6.7	<0.5	<0.5	59 J	<0.5	3	3.1	<0.5	<0.5	<0.5	<0.5	2	<5	<5	<5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	04/04/07	N	<0.5	24	0.2 J	<0.5	27	<0.5	1.7	2	<0.5	0.5	<0.5	<0.5	1.6	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	07/11/07	N	<0.5	23	0.1 J	<0.5	22	<0.5	0.8	1.7	<0.5	<0.5	<0.5	<0.5	1.2	<5	<5	<5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	10/10/07	N	0.1 J	33 J	0.3 J	<0.5	13	<0.5	0.4 J	1.7	<0.5	<0.5	<0.5	<0.5	1.2	5.8	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	11/29/07	N	<0.5	17	0.2 J	<0.5	43	<0.5	2.3	2.1	<0.5	<0.5	<0.5	<0.5	1.7 J	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	03/13/08	N	<0.5	18	<0.5	<0.5	57 J	<0.5	3.2	2.9	<0.5	<0.5	<0.5	<0.5	2.4	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	06/12/08	N	<0.5	25	0.1 J	<0.5	22	<0.5	1.3	1.8	<0.5	<0.5	<0.5	<0.5	1.3	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	09/13/08	N	<0.5	24	<0.5	<0.5	17	<0.5	1.3	1.9 J	<0.5	<0.5	<0.5	<0.5	1.3	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	12/12/08	N	<0.5	17	<0.5	<0.5	53	<0.5	1.9	2.1 J	<0.5	<0.5	<0.5	<0.5	2	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	05/28/09	N	<0.5	17 J	0.1 J	<0.5	69 J	<0.5	3.5	3.2	<0.5	<0.5	<0.5	<0.5	2.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 3	Multi Level Monitoring Well	05/28/09	FD	<0.5	16 J	0.1 J	<0.5	74 J	<0.5	3.4	3.2	<0.5	<0.5	<0.5	<0.5	2.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-1 Port 4	Multi Level Monitoring Well	08/16/06	N	<0.5	2.4	<0.5	<0.5	22	<0.5	0.7	<0.8	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	<5	<0.5	<0.5	<0.5	2.4	<0.5	<0.5	ND
GC-1 Port 4	Multi Level Monitoring Well	09/27/06	N	<0.5	1.8	<0.5	<0.5	15	<0.5	0.4 J	0.6	<0.5	<0.5	<0.5	<0.5	0.6	4.9 J	<5	<5	<0.5	<0.5	<0.5	2.1	<0.5	<0.5	ND
GC-1 Port 4	Multi Level Monitoring Well	01/11/07	N	<0.5	1.4	<0.5	<0.5	19	<0.5	0.5 J	0.6	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
GC-1 Port 4	Multi Level Monitoring Well	04/04/07	N	<0.5	3.8	<0.5	<0.5	8.3	<0.5	0.3 J	0.5 J	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	ND
GC-1 Port 4	Multi Level Monitoring Well	07/11/07	N	<0.5	4.5	<0.5	<0.5	3.3	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	0.3 J	11	<5	<5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	ND
GC-1 Port 4	Multi Level Monitoring Well	10/10/07	N	<0.5	2.2	0.1 J	<0.5	8.6	<0.5	0.2 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
GC-1 Port 4	Multi Level Monitoring Well	11/29/07	N	<0.5	1.7	<0.5	<0.5	9.2	<0.5	0.3 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
GC-1 Port 4	Multi Level Monitoring Well	03/13/08	N	<0.5	2.5	<0.5	<0.5	9.5	<0.5	0.3 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
GC-1 Port 4	Multi Level Monitoring Well	06/12/08	N	<0.5	2.1	<0.5	<0.5	9.2	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
GC-1 Port 4	Multi Level Monitoring Well	09/13/08	N	<0.5	2.2	<0.5	<0.5	8	<0.5	0.2 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
GC-1 Port 4	Multi Level Monitoring Well	12/12/08	N	<0.5	2.1	<0.5	<0.5	8.6	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
GC-1 Port 4	Multi Level Monitoring Well	05/06/09	N	<0.5	3.3	<0.5	<0.5	9.8	<0.5	0.3 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	04/25/06	N	<0.2	6.4	<0.2	0.2 J	59	<0.2	1.9	1.8	<0.2	0.6 J	<0.2	<0.2	1.6	<6	<2	<2	0.3 J	<0.2	<0.2	4.2	<0.2	<0.2	ND
GC-1 Port 5	Multi Level Monitoring Well	08/16/06	N	<0.5	1.7	<0.5	<0.5	12	<0.5	0.4 J	<0.7	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	<5	<0.5	<0.5	<0.5	5	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	09/27/06	N	<0.5	1.9	<0.5	<0.5	13	<0.5	0.4 J	0.8	<0.5	<0.5	<0.5	<0.5	0.7	5.3	<5	<5	<0.5	<0.5	<0.5	4.5	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	01/11/07	N	<0.5	1.7	<0.5	<0.5	21	<0.5	0.5	0.8	<0.5	<0.5	<0.5	<0.5	0.6	4.6 J	<5	<5	<0.5	<0.5	<0.5	3.3	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	04/04/07	N	<0.5	6.3	<0.5	<0.5	11	<0.5	0.2 J	0.7	<0.5	0.3 J	<0.5	<0.5	0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	07/11/07	N	<0.5	4.9	<0.5	<0.5	8.7	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	4.5 J	<5	<5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	10/10/07	N	<0.5	3.1	<0.5	<0.5	3.1	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.3 J	14	<5	<5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	11/29/07	N	<0.5	3.5	<0.5	<0.5	6.2	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	03/13/08	N	<0.5	6	<0.5	<0.5	12	<0.5	0.3 J	0.6	<0.5	<0.5	<0.5	<0.5	0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	06/12/08	N	<0.5	4.3	<0.5	<0.5	7.4	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	09/13/08	N	<0.5	4.6	<0.5	<0.5	7.3	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	12/12/08	N	<0.5	4	<0.5	<0.5	8.3	<0.5	0.2 J	0.4 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
GC-1 Port 5	Multi Level Monitoring Well	05/06/09	N	<0.5	9.1	<0.5	<0.5	16	<0.5	0.5	0.8	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	<5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	08/16/06	N	<0.5	1.1	<0.5	<0.5	5.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<9	<5	<5	<0.5	<0.5	<0.5	16	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	09/27/06	N	<0.5	1.6	<0.5	<0.5	9.1	<0.5	0.3 J	0.7	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	<5	<0.5	<0.5	<0.5	18	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	01/11/07	N	<0.5	2	<0.5	<0.5	19	<0.5	0.4 J	1.1	<0.5	<0.5	<0.5	<0.5	0.7	3.5 J	<5	2.3 J	<0.5	<0.5	<0.5	12 J	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	04/04/07	N	<0.5	9.5	<0.5	<0.5	7	<0.5	<0.5	0.7	<0.5	0.4 J	<0.5	<0.5	0.7	<5	<5	<5	<0.5	<0.5	<0.5	13	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	07/11/07	N	<0.5	14	<0.5	<0.5	6.6	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	10/10/07	N	<0.5	13	<0.5	<0.5	5.9	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.4 J	<5	<5	<5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	11/29/07	N	<0.5	8.2 J	<0.5	<0.5	4.4 J	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.5 J	3.2 J	<5	<5	<0.5	<0.5	<0.5	1	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	03/13/08	N	<0.5	8.4	<0.5	<0.5	3.7	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	<0.5	<0.5	<0.5	1	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	06/12/08	N	<0.5	10	<0.5	<0.5	2.3	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.5 J	5.6	<5	<5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	09/13/08	N	<0.5	8.1	<0.5	<0.5	2.4	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	0.3 J	5.2	<5	<5	<0.5	<0.5	<0.5	1	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	12/12/08	N	<0.5	5	<0.5	<0.5	2	<0.5	<0.5	<0.5 J	<0.5	<0.5	<0.5	<0.5	0.4 J	6.8	<5	<5	<0.5	<0.5	<0.5	1	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	05/06/09	N	<0.5	19	0.1 J	<0.5	8.7	<0.5	0.1 J	0.5	<0.5	<0.5	<0.5	<0.5	0.8	<5 J	<5	<5	<0.5	<0.5	<0.5	1	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	08/27/09	N	<0.5	21	<0.5	<0.5	20	<0.5	0.6	0.9 J	<0.5	<0.5	<0.5	<0.5	0.9	<5	<5	<5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	05/19/10	N	0.1 J	32	<0.5	<0.5	24	<0.5	0.7	1.1	<0.5	<0.5	<0.5	<0.5	1.9	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	09/23/10	N	0.2 J	27	<0.5	<0.5	5.4	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	1.2	5 J	<5	<5	0.4 J	<0.5	<0.5	1.2	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	05/19/11	N	0.1 J	37	0.1 J	<0.5	16	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	1.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	10/13/11	N	<0.5	21	0.5 J	<0.5	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	3.2 J	<5	<5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	03/22/12	N	<0.5	19	0.1 J	<0.5	4.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	09/12/12	N	<0.5	17	<0.5	<0.5	3.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5 J	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
GC-1 Port 6	Multi Level Monitoring Well	04/11/13	N	<0.5	19	<0.5	<0.5	3.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
GC-1 Port 7	Multi Level Monitoring Well	08/16/06	N	<0.5	0.5	<0.5	<0.5	2.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	64	6.5	1.1 J	0.2 J	<0.5	<0.5	62	<0.5	<0.5	ND
GC-1 Port 7	Multi Level Monitoring Well	09/27/06	N	<0.5	1.4	<0.5	<0.5	7.4	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	0.5 J	6.8	2.1 J	1.8 J	0.1 J	<0.5	<0.5	97	<0.5	<0.5	ND
GC-1 Port 7	Multi Level Monitoring Well	01/11/07	N	<0.5	3.8	<0.5	<0.5	11	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	0.9	7.7	2.5 J	3.5 J	0.2 J	<0.5	<0.5	170	<0.5	<0.5	ND
GC-1 Port 7	Multi Level Monitoring Well	04/04/07	N	<0.5	31	0.1 J	<0.5	0.7	<0.5	<0.5	0.4 J	<0.5	1	<0.5	<0.5	1	12 J	<5	1.9 J	0.2 J	<0.5	<0.5	240	<0.5	<0.5	ND
GC-1 Port 7	Multi Level Monitoring Well	07/11/07	N	<1	7.9	<1	<1	0.2 J	<1	<1	<1	<1	<1	<1	<1	0.5 J	30 J	6 J	<10	<1	<1	<1	36	<1	<1	ND
GC-1 Port 7	Multi Level Monitoring Well	10/10/07	N	<0.5	9.3 J	0.1 J	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	29	4.6 J	2.4 J	0.2 J	<0.5	<0.5	31 J	<0.5	<0.5	ND
GC-1 Port 7	Multi Level Monitoring Well	11/29/07	N	<0.5	13 J	0.2 J	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7 J	24	5.7	3.1 J	0.2 J	<0.5	<0.5	83 J	0.1 J	<0.5	0.1
GC-1 Port 7	Multi Level Monitoring Well	03/13/08	N	<0.5	23	0.2 J	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	7.7	<5	4 J	0.2 J	<0.5	<0.5	77	<0.5	<0.5	ND
GC-1 Port 7	Multi Level Monitoring Well	06/13/08	N	<0.5	13	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	3.7 J	2 J	1.9 J	0.1 J	<0.5	<0.5	46	<0.5	<0.5	ND
GC-1 Port 7	Multi Level Monitoring Well	12/12/08	N	<0.5	16	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	15	5.8	2.3 J	0.2 J	<0.5	<0.5	47	<0.5	<0.5	ND
GC-1 Port 7	Multi Level Monitoring Well	05/06/09	N	<0.5	12	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	13 J	4.2 J	1.6 J	0.1 J	<0.5	<0.5	33	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	08/16/06	N	<0.5	1.5	<0.5	<0.5	4.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	210	11	1.7 J	3.7	<0.5	<0.5	25	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	09/27/06	N	<0.5	2.5	<0.5	<0.5	6.7	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	0.5 J	70	9.9	2.9 J	0.8	<0.5	<0.5	110 J	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	01/11/07	N	<0.5	14	0.1 J	<0.5	1.5	<0.5	<0.5	0.7	0.9	<0.5	<0.5	<0.5	0.8	41	8	4.7 J	0.5 J	<0.5	<0.5	42 J	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	04/04/07	N	<0.5	16	0.1 J	<0.5	0.3 J	<0.5	<0.5	0.2 J	1.2	0.3 J	<0.5	<0.5	0.8	68 J	12 J	4.7 J	0.6	<0.5	<0.5	150	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	07/11/07	N	<1	10	0.2 J	<1	0.2 J	<1	<1	<1	1.2	<1	<1	<1	0.5 J	91	12	3.2 J	0.2 J	<1	<1	140 J	<1	<1	ND
GC-1 Port 8	Multi Level Monitoring Well	10/10/07	N	<0.5	8.2	0.2 J	<0.5	0.2 J	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	0.4 J	130	11	3.7 J	0.6	<0.5	<0.5	45 J	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	11/29/07	N	<0.5	11	0.2 J	<0.5	0.2 J	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	0.5 J	120	9.7	4.1 J	0.5 J	<0.5	<0.5	150 J	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	03/13/08	N	<0.5	22	0.5 J	<0.5	0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	0.6	42	<5	4.7 J	0.2 J	<0.5	<0.5	200 J	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	06/13/08	N	<0.5	16	0.3 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	0.8	21	4.4 J	2.9 J	0.1 J	<0.5	<0.5	64	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	09/13/08	N	<0.5	15	0.1 J	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	12	4.3 J	2.3 J	0.1 J	<0.5	<0.5	31 J	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	12/12/08	N	<0.5	23	0.2 J	<0.5	0.8	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	15	3.8 J	3.3 J	0.3 J	<0.5	<0.5	94	0.1 J	<0.5	0.1
GC-1 Port 8	Multi Level Monitoring Well	05/06/09	N	<0.5	16	0.3 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	31 J	5	2.1 J	0.2 J	<0.5	<0.5	45	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	03/22/12	N	<0.5	35 E	0.2 J	<0.5	0.4 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	3.9 J	<5	1.3 J	0.2 J	<0.5	0.2 J	5.3	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	09/12/12	N	<0.5	22	0.1 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	7.3	1.2 J	1.7 J	0.1 J	<0.5	0.2 J	4	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	04/11/13	N	<0.5	23	0.1 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	3.5 J	<5	1.5 J	0.1 J	<0.5	<0.5	2.9	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	10/31/13	N	<0.5	24	0.2 J	<0.5	0.5 J	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	0.8	4.2 J	<5	<5	0.2 J	<0.5	0.2 J	2.8	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	04/17/14	N	<0.5	34	0.2 J	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<5	<5	1.8 J	0.3 J	<0.5	0.2 J	3.2	0.1 J	<0.5	0.1
GC-1 Port 8	Multi Level Monitoring Well	09/10/14	N	<0.5	33	0.2 J	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<5	<5	1.5 J	0.3 J	<0.5	0.1 J	1.9	0.1 J	<0.5	0.1
GC-1 Port 8	Multi Level Monitoring Well	04/09/15	N	<0.5	13	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5 J	3 J	<5	<5	<0.5	<0.5	<0.5	2.4	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	09/24/15	N	<0.5	20	0.2 J	<0.5	0.4 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	2.4 J	0.2 J	<0.5	0.3 J	1.2	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	06/23/16	N	<0.5	22	0.2 J	<0.5	0.2 J	5.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<5	<5	1 J	0.2 J	<0.5	0.1 J	1.9	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	06/21/17	N	<0.5	1.6	0.2 J	<0.5	0.2 J	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<5	<5	<5	0.2 J	<0.5	0.3 J	3	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	06/13/18	N	<0.5	0.8	0.2 J	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	<5	<5	<5	0.2 J	<0.5	0.1 J	0.5	0.1 J	<0.5	0.1
GC-1 Port 8	Multi Level Monitoring Well	06/12/19	N	<0.5	0.9	0.2 J	<0.5	0.2 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	<5	<5	0.8 J	0.3 J	0.07 J	0.2 J	0.5	0.1 J	<0.5	0.1
GC-1 Port 8	Multi Level Monitoring Well	09/11/20	N	<0.50	0.5	0.092 J	<0.50	<0.50	0.11 J	<0.50	<0.50	<0.50	0.07 J	<0.50	<0.50	1.2	1 J	<5.0	<5.0	0.16 J	<0.50	0.14 J	0.29 J	<0.50	<0.50	ND
GC-1 Port 8	Multi Level Monitoring Well	07/01/21	N	<0.5	0.65	0.14 J	<0.5	0.17 J	0.11 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	<5	<5	0.87 J	0.26 J	<0.5	0.19 J	0.39 J	<0.5	<0.5	ND
GC-1 Port 8	Multi Level Monitoring Well	08/04/22	N	<0.50	0.48 J	0.15 J	<0.50	0.16 J	0.11 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<5.0	<5.0	<5.0	0.27 J	<0.50	0.21 J	0.24 J	<0.50	<0.50	ND
GC-1 Port 8	Multi Level Monitoring Well	08/10/23	N	<0.50	1.9	0.4 J	<0.50	0.11 J	5.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.8	<5.0	<5.0	<5.0	0.44 J	<0.50	0.17 J	0.62	<0.50	<0.50	ND
GC-1 Port 8	Multi Level Monitoring Well	08/15/24	N	<0.50	1.1	0.38 J	<0.50	0.18 J	0.29 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	2.6 J	<5.0	<5.0	0.42 J	<0.50	0.15 J	0.46 J	<0.50	<0.50	ND
GC-1 Port 8	Multi Level Monitoring Well	08/06/25	N	<0.50	1.2	0.37 J	<0.50	0.21 J	0.23 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	<5.0	<5.0	<5.0	0.46 J	<0.50	0.32 J	0.43 J	<0.50	<0.50	ND
GC-2	Monitoring Well	04/26/06	N	<0.1	0.1 J	<0.1	0.5	2.3	<0.1	4.6	0.4 J	<0.1	<0.2	<0.1	<0.1	<0.1	3.8 J	1.4 J	<1	<0.1	<0.1	<0.1	0.2 J	--	<0.1	ND
GC-2	Monitoring Well	04/27/06	N	<0.1	0.2 J	<0.1	<0.1	4.8	<0.1	4.3	0.3 J	<0.1	<0.2	<0.1	<0.1	<0.1	<3	1.5 J	<1	<0.1	<0.1	<0.1	<0.1	--	<0.1	ND
GC-2	Monitoring Well	08/16/06	N	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	1.9	<1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	0.2 J	<0.5	1.1	0.7	0.2 J	0.9
GC-2	Monitoring Well	09/28/06	N	<0.5	<0.5	<0.5	<0.5	2.2	<0.5	1.7	1.3	0.2 J	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.3 J	<0.5	0.4 J	0.6	0.2 J	0.8
GC-2	Monitoring Well	04/04/07	N	<0.5	0.1 J	<0.5	<0.5	2.5	<0.5	13	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2	Monitoring Well	04/04/07	N	<0.5	<0.5	<0.5	<0.5	2.2	<0.5	6.9	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2	Monitoring Well	04/04/07	N	<0.5	<0.5	<0.5	<0.5	2	<0.5	4.1	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2	Monitoring Well	04/04/07	N	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	5.6	1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	06/14/07	N	<1	<1	<1	<1	1.22	<1	2.13	0.44 J	<1	<1	<1	<1	<1	18.86	<2	<1	<1	0.19 J	--	<1	1.13	--	1.13
GC-2A	Monitoring Well	07/09/07	N	<0.5	0.1 J	<0.5	<0.5	2.2	<0.5	7.2	0.6	0.1 J	<0.5	<0.5	<0.5	<0.5	29	1.7 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	11/28/07	N	<0.5	0.1 J	<0.5	<0.5	3.2	<0.5	16	2	<0.5	<0.5	<0.5	<0.5	<0.5	6.2	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	12/11/07	N	<0.5	0.1 J	<0.5	<0.5	2.3	<0.5	7.7	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	03/12/08	N	<0.5	0.2 J	<0.5	<0.5	3.4	<0.5	18 J	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	4.5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	06/11/08	N	<0.5	0.1 J	<0.5	<0.5	3.1	<0.5	22	2	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	09/10/08	N	<0.5	0.1 J	<0.5	<0.5	2.9	<0.5	20	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	12/12/08	N	<0.5	0.1 J	<0.5	<0.5	3.4	<0.5	25	2.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	4.6 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	05/05/09	N	<0.5	0.3 J	<0.5	<0.5	5.2	<0.5	18	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	08/27/09	N	<0.5	0.2 J	<0.5	<0.5	5.2	<0.5	21	2.3 J	<0.2 J	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	05/19/10	N	<0.5	0.4 J	<0.5	<0.5	6.6	<0.5	23	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	09/23/10	N	<0.5	0.2 J	<0.5	<0.5	4.4	<0.5	21	2	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	05/17/11	N	<0.5	0.2 J	<0.5	<0.5	5.1	<0.5	14	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	10/12/11	N	<0.5	0.3 J	<0.5	<0.5	7.8	<0.5	19	2.2	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	03/20/12	N	<0.5	0.5 J	<0.5	<0.5	7.1	<0.5	17	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	09/11/12	N	<0.5	0.2 J	<0.5	<0.5	5.6	<0.5	15	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	04/10/13	N	<0.5	0.2 J	<0.5	<0.5	5.8	<0.5	4	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	10/28/13	N	<0.5	0.4 J	<0.5	<0.5	6.9	<0.5	12	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	4.4 J	2 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	04/14/14	N	<0.5	0.4 J	<0.5	<0.5	6.2	<0.5	8.9	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	09/08/14	N	<0.5	0.1 J	<0.5	<0.5	6	<0.5	14	1	<0.5	<0.5	<0.5	<0.5	<0.5	3.4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	04/06/15	N	<0.5	0.2 J	<0.5	<0.5	4.4	<0.5	12	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	09/24/15	N	<0.5	<0.5	<0.5	<0.5	2.9	<0.5	7.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<5	2.1 J	<5	<0.5	0.3 J	<0.5	1.1	1.1	0.5	1.6
GC-2A	Monitoring Well	06/23/16	N	<0.5	0.9	<0.5	<0.5	5.9	<0.5	4.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	0.3 J	0.1 J	0.4
GC-2A	Monitoring Well	06/21/17	N	<0.5	0.3 J	<0.5	<0.5	5.5	<0.5	6.1	1	<0.5	<0.5	<0.5	<0.5	<0.5	26	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	06/11/18	N	<0.5	0.9	<0.5	<0.5	6.2	<0.5	1.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	9.8	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	06/11/19	N	<0.5	0.9	<0.5	<0.5	5.2	<0.5	9.2	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	15	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	09/09/20	N	<0.50	0.14 J	<0.50	<0.50	1.3	<0.50	6.2	0.79	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
GC-2A	Monitoring Well	06/28/21	N	<0.5	0.86	<0.5	<0.5	2.6	<0.5	4.2	0.51	<0.5	<0.5	<0.5	<0.5	<0.5	6.9	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-2A	Monitoring Well	08/01/22	N	<0.50	0.56	<0.50	<0.50	1.6	<0.50	6.8	1	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
GC-2A	Monitoring Well	08/09/23	N	<0.50	0.97	<0.50	<0.50	1.8	<0.50	6.9	0.99	<0.50	<0.50	<0.50	<0.50	<0.50	140	4.3 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
GC-2A	Monitoring Well	08/14/24	N	<0.50	0.56	<0.50	<0.50	1.6	<0.50	5.8	0.91	<0.50	<0.50	<0.50	<0.50	<0.50	180	2.7 J	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
GC-2A	Monitoring Well	08/05/25	N	<0.50	0.88	<0.50	<0.50	1.6	<0.50	3.8	0.58	<0.50	<0.50	<0.50	<0.50	<0.50	39	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
GC-A	Pre Existing Water Supply Well	05/02/06	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<3	<1	<1	<0.1	<0.1	<0.1	0.2 J	--	<0.1	ND
GC-A	Pre Existing Water Supply Well	05/02/06	N	<0.1	<0.1	<0.1	0.1 J	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<3	<1	<1	<0.1	<0.1	<0.1	1.5	--	<0.1	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs: Dichloroethene (1,1-)	Chlorinated VOCs: Dichloroethene (cis-1,2-)	Chlorinated VOCs: Dichloroethene (trans-1,2-)	Chlorinated VOCs: Tetrachloroethene (PCE)	Chlorinated VOCs: Trichloroethene (TCE)	Chlorinated VOCs: Vinyl chloride	Chlorinated Methanes: Carbon tetrachloride	Chlorinated Methanes: Chloroform (Trichloromethane)	Chlorinated Methanes: Chloromethane	Chlorinated Methanes: Methylene Chloride (Dichloromethane)	Chlorinated Ethanes: Trichloroethane (1,1,1-)	Chlorinated Ethanes: Trichloroethane (1,1,2-)	Chlorinated Ethanes: Dichloroethane (1,2-)	Ketones: Acetone	Ketones: Butanone (2-) (MEK)	Ketones: Methyl-2-pentanone (4-) (MIBK)	Petroleum Hydrocarbons: Benzene	Petroleum Hydrocarbons: Ethylbenzene	Petroleum Hydrocarbons: Isopropylbenzene (Cumene)	Petroleum Hydrocarbons: Toluene	Petroleum Hydrocarbons: Xylene (m,p-)	Petroleum Hydrocarbons: Xylene (o-)	Petroleum Hydrocarbons: Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
GC-A	Pre Existing Water Supply Well	07/26/06	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-A	Pre Existing Water Supply Well	08/16/06	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.9	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-A	Pre Existing Water Supply Well	09/28/06	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-A	Pre Existing Water Supply Well	05/07/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-A	Pre Existing Water Supply Well	08/27/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-B	Pre Existing Water Supply Well	05/01/06	N	<0.1	<0.1	<0.1	0.3 J	<0.1	<0.1	2.3	330	5	1.2	<0.1	<0.1	<0.1	29	8.3	<1	<0.1	<0.1	<0.1	0.3 J	--	<0.1	ND
GC-B	Pre Existing Water Supply Well	08/16/06	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	<52	<0.8	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
GC-B	Pre Existing Water Supply Well	09/26/06	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	83	0.9	<0.5	<0.5	<0.5	<0.5	4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
IB-4	Injection Boring	05/18/10	N	<5	130	3.9 J	<5	1,600	1.3 J	<5	23	<5	<5	<5	1.1 J	4.6 J	<50	<50	<50	1.1 J	4.7 J	<5	9.5	11	8.8	19.8
IB-4	Injection Boring	06/30/10	N	<5	900	47	<5	210	1.3 J	<5	15	<5	5.5	<5	<5	3.6 J	<50	<50	<50	1 J	2.2 J	<5	5.3	3.8 J	6	9.8
IB-4	Injection Boring	08/03/10	N	<130	2,100	<130	<130	<130	28 J	<130	<130	<130	120 J	<130	<130	<130	<1300	<1300	<1300	<130	<130	<130	<130	<130	<130	ND
IB-4	Injection Boring	09/21/10	N	3.8 J	2,300	8.5	<5	4.1 J	32	<5	21	<5	2.4 J	<5	1.2 J	8.7	<50	<50	<50	1.9 J	4.2 J	<5	9.1	9.6	14	23.6
IB-4	Injection Boring	01/10/11	N	1.4 J	840	5.1	<5	160	59	<5	9.3	<5	<5	<5	<5	4.3 J	<50	<50	<50	5.6	<5	<5	2.5 J	1.5 J	1.5 J	3
IB-4	Injection Boring	03/23/11	N	3.1 J	1,400	19	<5	220	56	<5	17	3.2 J	2.1 J	<5	1.2 J	6.5	<50	24 J	<50	8.1	2 J	<5	6.7	3.8 J	3.6 J	7.4
IB-4	Injection Boring	05/16/11	N	3.7 J	2,000	3 J	<5	97	45	<5	18	<5	2.5 J	<5	1.2 J	5.4	<50	<50	<50	1.4 J	1.6 J	<5	9.9	3.9 J	4.6 J	8.5
IB-4	Injection Boring	06/22/11	N	2.7 J	1,500	3.5 J	<10	25	39	<10	8.6 J	<10	<10	<10	<10	4.8 J	98 J	<100	<100	<10	<10	<10	8.6 J	3.8 J	4.1 J	7.9
IB-4	Injection Boring	10/13/11	N	1.5 J	1,000	1.6 J	<5	8.8	46	<5	<5	<5	<5	<5	<5	4 J	49 J	20 J	<50	<5	1.9 J	<5	8	5 J	4.8 J	9.8
IB-4	Injection Boring	12/05/11	N	<5	620	2.1 J	<5	4.5 J	180	<5	<5	<5	<5	<5	<5	4.6 J	49 J	17 J	<50	<5	2.1 J	<5	11	5.6	5.5	11.1
IB-4	Injection Boring	03/20/12	N	0.1 J	77	3.6	<0.5	0.3 J	140	<0.5	<0.5	<0.5	2.7	<0.5	<0.5	9.8	58	14	1.8 J	2.4	4.4	0.2 J	22	13	12	25
IB-4	Injection Boring	09/11/12	N	<5	930	2.3 J	<5	410	21	<5	14	<5	<5	<5	<5	6.6	88	<50	<50	<5	<5	<5	2.7 J	1 J	1.3 J	2.3
IB-4	Injection Boring	04/09/13	N	<0.5	3.3	0.7	<0.5	0.2 J	2.8	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	1.2	200	18	<5	0.5 J	1.4	<0.5	6.8	4	3.7	7.7
IB-6	Injection Boring	12/08/21	N	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
IB-6	Injection Boring	02/10/22	N	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
IB-7	Injection Boring	05/18/10	N	0.6 J	250	9.7	<2.5	750	23	<2.5	8.6	<2.5	1.3 J	<2.5	0.6 J	5.6	<25	<25	<25	0.7 J	1.4 J	<2.5	7.7	4.4	4.4	8.8
IB-7	Injection Boring	05/18/10	FD	0.6 J	250	9.6	<2.5	760	23	<2.5	8.6	<2.5	<2.5	<2.5	0.6 J	5.8	<25	<25	<25	0.7 J	1.5 J	<2.5	7.9	4.6	4.7	9.3
IB-7	Injection Boring	06/30/10	N	0.9 J	630	2.2 J	<2.5	210	18	<2.5	6.8	<2.5	1.5 J	<2.5	<2.5	5.3	<25	<25	<25	1.4 J	0.8 J	<2.5	4.8	2.8	2.1 J	4.9
IB-7	Injection Boring	08/03/10	N	<50	530	<50	<50	160	79	<50	<50	<50	52	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
IB-7	Injection Boring	09/21/10	N	1.7 J	760	3	<2.5	89	100	<2.5	6	<2.5	2 J	<2.5	0.7 J	8.1	72	120	<25	1.4 J	1 J	<2.5	8.2	3.4	3.3	6.7
IB-7	Injection Boring	11/08/10	N	1 J	460	0.8 J	<2.5	12	10	<2.5	1.5 J	<2.5	<2.5	<2.5	<2.5	2.3 J	21 J	<25	<25	0.6 J	<2.5	<2.5	2.5	1.5 J	1.8 J	3.3
IB-7	Injection Boring	01/10/11	N	0.6 J	260	0.9 J	<2.5	31	36	<2.5	1 J	<2.5	<2.5	<2.5	<2.5	2 J	<25	<25	<25	1.8 J	<2.5	<2.5	1.3 J	0.6 J	<2.5	0.6
IB-7	Injection Boring	03/23/11	N	0.5 J	280	2.5	<2.5	17	14	<2.5	1 J	<2.5	<2.5	<2.5	<2.5	1.9 J	41	26	<25	2.1 J	0.9 J	<2.5	2.5	3.4	1.6 J	5
IB-7	Injection Boring	05/16/11	N	0.7 J	330	2.5 J	<2.5	9.8	23	<2.5	0.8 J	<2.5	<2.5	<2.5	<2.5	2.1 J	21 J	18 J	<25	1.7 J	<2.5	<2.5	3	1.5 J	1.6 J	3.1
IB-7	Injection Boring	06/22/11	N	0.9 J	420	1.1 J	<2.5	45	31	<2.5	0.8 J	<2.5	<2.5	<2.5	<2.5	2.4 J	92	<25	<25	0.7 J	0.5 J	<2.5	4.6	2 J	2.3 J	4.3
IB-7	Injection Boring	10/13/11	N	<0.5	23	1.1	<0.5	1.6	29	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.8	27	16	<5	0.4 J	0.8	<0.5	4.4	3.5	3.6	7.1
IB-7	Injection Boring	10/13/11	FD	<0.5	21	1	<0.5	1.5	32	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.6	43	15	<5	0.4 J	0.9	<0.5	4.5	3.4	3.4	6.8
IB-7	Injection Boring	12/05/11	N	<0.5	21	0.8	<0.5	0.7	13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.1	45	18	<5	0.9	0.8	<0.5	4.3	3.6	3.4	7
IB-7	Injection Boring	03/20/12	N	<0.5	9.3	0.8	<0.5	0.3 J	6.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.8	69	21	<5	0.7	1	<0.5	4.6	4.6	4.3	8.9
IB-7	Injection Boring	09/11/12	N	0.5 J	290	1.3	<0.5	21	35	<0.5	0.2 J	<0.5	2.4	<0.5	<0.5	4.7	170	16	<5	0.7	0.5	<0.5	2.4	2.1	2.3	4.4
IB-7	Injection Boring	09/11/12	FD	0.5 J	370	1.4	<1	22	45	<1	0.4 J	<1	2.2	<1	<1	4.9	150	14	<10	0.6 J	0.7 J	<1	2.5	2.9	3.1	6
IB-7	Injection Boring	04/09/13	N	<0.5	4	0.4 J	<0.5	0.5	3	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	1.6	180	13	<5	0.5	0.7	<0.5	4.4	3	3	6
IB-7	Injection Boring	10/29/13	N	<10	48	<10	<10	<10	3.6 J	<10	<10	<10	<10	<10	<10	<10	250	280	<100	<10	<10	<10	3.4 J	<10	<10	ND
IB-7	Injection Boring	04/16/14	N	<10	5.3 J	<10	<10	<10	2.8 J	<10	<10	<10	<10	<10	<10	<10	530	150	<100	<10	<10	<10	3.9 J	2.6 J	2 J	4.6
IB-7	Injection Boring	06/05/14	N	<10	5 J	<10	<10	2.1 J	2.5 J	<10	<10	<10	<10	<10	<10	<10	550	140	<100	<10	<10	<10	4.7 J	3.2 J	2.8 J	6
IB-7	Injection Boring	06/05/14	FD	<0.5	4.7	0.4 J	<0.5	0.4 J	2.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	680	120	<5	0.4 J	0.8	<0.5	4.8	3.5	3	6.5
IB-7	Injection Boring	09/09/14	N	<2.5	3.9	<2.5	<2.5	0.7 J	0.6 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.7 J	130	42	<25	<2.5	0.8 J	<2.5	4.4	3.9	3.2	7.1
IB-7	Injection Boring	11/18/14	N	<0.5	3.7	0.3 J	<0.5	0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	83	29	<5	0.5 J	1.1	<0.5	6.8	5.4	4.9	10.3
IB-7	Injection Boring	11/18/14	FD	<1	12	0.3 J	<1	37	3.9	<1	<1	<1	<1	<1	<1	0.9 J	73	25	<10	0.7 J	0.8 J	<1	4.8	3.5	3.2	6.7
IB-7	Injection Boring	04/09/15	N	<0.5	2.5	0.2 J	<0.5	0.7	0.6	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	0.7	87	26	<5	0.4 J	0.9	<0.5	4.9	4.3	3.6	7.9
IB-7	Injection Boring	06/24/15	N	<0.5	3.7	0.6	<0.5	0.7	2.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	16	<5	<5	0.2 J	0.5 J	<0.5	2.5	2.4	1.8	4.2
IB-7	Injection Boring	08/17/15	N	<0.5	3.2	0.1 J	<0.5	0.4 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5 J	7.7	3.5 J	<5	0.3 J	0.7	<0.5	4.3	3.6	2.8	6.4
IB-7	Injection Boring	09/23/15	N	0.7	600	1.9	<0.5	0.6	110	<0.5	<0.5	<0.5	2.9	<0.5	<0.5	1.9	60	<5	<5	0.6	18	1	55	130	63	193
IB-7	Injection Boring	11/18/15	N	<0.5	2.8	0.6	<0.5	0.4 J	2.6	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	1.3	120	30	<5	0.4 J	8.6	0.5 J	28	62	31	93
IB-7	Injection Boring	11/18/15	N	<0.5	2.6	0.6	<0.5	0.4 J	2.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	1.3	140	32	<5	0.5 J	7.7	0.4 J	23 J	51	27	78
IB-7	Injection Boring	04/11/16	N	<5	1.6 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<50	<5	2.8 J	<5	10	20	11	31
IB-7	Injection Boring	06/20/16	N	<5	1.2 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<50	<5	2 J	<5	11	15	8.3	23.3
IB-7	Injection Boring	09/22/16	N	<5	2.4 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<50	<5	2.3 J	<5	6.5	15	9.1	24.1
IB-7	Injection Boring	04/26/17	N	<0.5	1.8	0.1 J	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	<5	<5	<5	0.2 J	1.1	<0.5	0.7	7	4.2	11.2
IB-7	Injection Boring	06/19/17	N	<0.5	1.6	0.2 J	<0.5	0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3 J	4.6 J	<5	<5	0.2 J	1.1	<0.5	0.7	6.7	3.9	10.6
IB-7	Injection Boring	10/12/17	N	<50	530	<50	<50	42 J	51	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	38 J	48 J	23 J	71
IB-7	Injection Boring	04/18/18	N	<0.5	26	0.5 J	<0.5	0.6	15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	14	22	<5	0.5 J	5.5	0.3 J	18	40	20	60
IB-7	Injection Boring	06/11/18	N	<0.5	8.5	0.3 J	<0.5	0.5 J	5.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.4 J	86	35	<5	0.4 J	3.4	0.2 J	12	24	12	36
IB-7	Injection Boring	09/26/18	N	<0.5	2.8	0.2 J	<0.5	0.4 J	0.9	<0.5	<0.5	<0.5	0.07 J	<0.5	<0.5	0.3 J	55	33	<5	0.2 J	2.3	0.2 J	12	16	8.8	24.8
IB-7	Injection Boring	03/27/19	N	<0.5	2	0.2 J	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.08 J	<0.5	<0.5	0.2 J	7.2	0.8 J	<5	0.1 J	1.5	0.1 J	5	11	5.8	16.8
IB-7	Injection Boring	06/10/19	N	<0.5	2.1	0.2 J	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	9.3	1.3 J	<5	0.1 J	1.3	0.09 J	4.5	8.6	4.9	13.5
IB-7	Injection Boring	09/16/19	N	<0.5	3.3	0.7	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	0.3 J	3.6 J	0.9 J	<5	0.2 J	2.1	0.1 J	2.6	13	7.4	20.4
IB-7	Injection Boring	04/14/20	N	<0.5	2.1	1.2	<0.5	0.1 J	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	0.3 J	2.6 J	<5	<5	0.1 J	1.2	0.08 J	0.4 J	7.3	4.2	11.5
IB-7	Injection Boring	09/11/20	N	<0.50	1.7	1.8	<0.50	<0.50	0.36 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.42 J	1.3 J	<5.0	<5.0	0.24 J	1.6	0.092 J	0.54	9.9	6.1	16
IB-7	Injection Boring	11/12/20	N	0.18 J	48	1.5	0.068 J	11	8.7	<0.50	<0.50	<0.50	1.3	<0.50	<0.50	0.52	150	43	3.1 J	0.4 J	4.9	0.27 J	14	33	18	51
IB-7	Injection Boring	04/12/21	N	<0.5	10	0.8	<0.5	0.22 J	3.4	<0.5	<0.5	<0.5	0.26 J	<0.5	<0.5	0.34 J	400	27	<5	0.25 J	2.8	0.17 J	7.1	19	10	29
IB-7	Injection Boring	06/28/21	N	<2.5	3.5	0.41 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.59 J	<2.5	<2.5	0.32 J	210	<25	<25	<2.5	1.6 J	<2.5	3.5	11	5.9	16.9
IB-7	Injection Boring	10/14/21	N	<2.5	2.5	<2.5	<2.5	0.39 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<25	<2.5	0.96 J	<2.5	3.8	6.1	3.6	9.7
IB-7	Injection Boring	12/08/21	N	<2.5	8.9	0.38 J	<2.5	0.93 J	1.6 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	31	<25	<25	<2.5	1.6 J	<2.5	4	12	6.3	18.3
IB-7	Injection Boring	02/10/22	N	<50	6.4 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500	<500	<500	<50	<50	<50	<50	<50	<50	ND
IB-7	Injection Boring	04/11/22	N	<2.5	14	0.47 J	<2.5	2.5	4.3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.37 J	25	11 J	<25	<2.5	0.67 J	<2.5	3.2	4.3	2.4 J	6.7
IB-7	Injection Boring	08/03/22	N	<2.5	14	<2.5	<2.5	2.7	3.5	<2.5	<2.5	<2.5	0.72 J	<2.5	<2.5	0.38 J	<25	37	<25	<2.5	0.81 J	<2.5	3.3	5.3	3	8.3
IB-7	Injection Boring	10/12/22	N	<5.0	15	<5.0	<5.0	3.1 J	1.7 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	15 J,3	130 3	<50 3	<5.0	1.1 J	<5.0	3.9 J	5.9	3 J	8.9
IB-7	Injection Boring	04/27/23	N	<50	15 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<500 *3	<500 *3	<500 *3	<50	<50	<50	<50	<50	<50	ND
IB-7	Injection Boring	11/01/23	N	<25	5.5 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	710 *3	5,800 *3	<250 *3	<25	<25	<25	<25	<25	<25	ND
IB-7	Injection Boring	04/09/24	N	<25	8.2 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	1,200	720	<250	<25	<25	<25	<25	<25	3.6 J	3.6
IB-7	Injection Boring	08/15/24	N	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	950	270	<250	<25	<25	<25	<25	<25	<25	ND
IB-7	Injection Boring	11/12/24	N	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	78 J	<250	<250	<25	<25	<25	<25	<25	3.9 J	3.9
IB-7	Injection Boring	04/07/25	N	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
IB-7	Injection Boring	08/04/25	N	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<250	<25	<25	<25	<25	<25	<25	ND
RP-13-885	Monitoring Well	03/11/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.9 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	05/29/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	06/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	09/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	12/12/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	05/06/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	08/26/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.2	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	05/20/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	09/23/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	10/12/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	09/13/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	04/11/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	10/31/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-13-885	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.7 J	2.2 J	<5	<0.5	<0.5	<0.5	0.2 J	0.1 J	<0.5	0.1
RP-13-885	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	0.2 J	<0.5	0.1 J	0.7	0.3 J	1
RP-13-885	Monitoring Well	09/22/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.2 J	2.7 J	<5	<0.5	<0.5	<0.5	0.2 J	0.2 J	0.1 J	0.3
RP-9-380	Monitoring Well	05/28/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.4	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	06/10/08	N	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25 J	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
RP-9-380	Monitoring Well	09/10/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.3 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	12/09/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.3 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	05/06/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	08/26/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	05/20/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	09/22/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	05/18/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	10/11/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	09/13/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	04/11/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	10/31/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	10/31/13	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	04/17/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.3 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
RP-9-380	Monitoring Well	04/17/14	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	09/08/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.7 J	2 J	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
RP-9-380	Monitoring Well	09/21/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
106	Surface Water	01/31/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
106	Surface Water	06/19/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.9 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
106	Surface Water	08/25/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
106	Surface Water	03/24/11	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
106	Surface Water	05/17/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
106	Surface Water	06/21/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
106	Surface Water	10/12/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
106	Surface Water	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
106	Surface Water	09/10/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
106	Surface Water	04/10/13	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
107	Surface Water	01/31/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
107	Surface Water	08/25/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
107	Surface Water	05/17/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
107	Surface Water	10/12/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
107	Surface Water	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
107	Surface Water	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	01/31/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	05/06/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	08/25/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	05/20/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	11/12/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	05/17/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	10/12/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	04/17/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	09/11/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
108	Surface Water	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
109	Surface Water	03/04/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
109	Surface Water	08/25/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
109	Surface Water	10/12/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
109	Surface Water	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
109	Surface Water	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	01/31/08	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	06/19/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	09/08/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	12/09/08	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	12/09/08	FD	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	05/06/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	08/25/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	05/20/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	11/12/10	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	11/12/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	03/24/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	05/17/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	05/17/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	06/21/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	10/12/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	03/22/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	09/10/12	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	04/10/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	10/31/13	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	04/17/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	09/11/14	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
110	Surface Water	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	01/31/08	N	<0.5	<0.5	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	06/19/08	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	06/19/08	FD	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	09/08/08	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	09/08/08	FD	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	12/09/08	N	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	05/06/09	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	08/25/09	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	05/20/10	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	11/12/10	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	03/24/11	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	05/17/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	06/21/11	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	06/21/11	FD	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	10/12/11	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	03/22/12	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	09/12/12	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	04/10/13	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	04/13/16	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	06/20/16	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	04/24/17	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	06/21/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	04/18/18	N	<0.5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	06/11/18	N	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	09/24/18	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	03/25/19	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	0.07 J	<0.5	<0.5	0.05 J	2.7 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	06/12/19	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	09/18/19	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	04/15/20	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	09/09/20	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1 J	<5.0	<5.0	<0.50	<0.50	<0.50	0.13 J	<0.50	<0.50	ND
111	Surface Water	11/10/20	N	<0.50	<0.50	<0.50	<0.50	0.34 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.6	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
111	Surface Water	04/14/21	N	<0.5	<0.5	<0.5	<0.5	0.24 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
111	Surface Water	06/28/21	N	<0.5	<0.5	<0.5	<0.5	0.094 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.3 J	<5	<5	<0.5	<0.5	<0.5	0.38 J	<0.5	<0.5	ND
111	Surface Water	10/14/21	N	<0.50	<0.50	<0.50	<0.50	0.2 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
111	Surface Water	04/12/22	N	<0.50	<0.50	<0.50	<0.50	0.065 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
111	Surface Water	08/01/22	N	<0.50	<0.50	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6	<5.0	<5.0	<0.50	<0.50	<0.50	2.3	<0.50	<0.50	ND
111	Surface Water	10/11/22	N	<0.50	<0.50	<0.50	<0.50	0.23 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
111	Surface Water	04/25/23	N	<0.50	<0.50	<0.50	<0.50	0.16 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
111	Surface Water	08/09/23	N	<0.50	<0.50	<0.50	<0.50	0.2 J	<0.50	<0.50	0.092 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
111	Surface Water	11/02/23	N	<0.50	<0.50	<0.50	<0.50	0.1 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
111	Surface Water	04/09/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
111	Surface Water	08/13/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0 *+	<5.0 *+	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
111	Surface Water	11/11/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
111	Surface Water	04/08/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
111	Surface Water	08/06/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	01/31/08	N	<0.5	<0.5	<0.5	<0.5	2.6	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	01/31/08	FD	<0.5	<0.5	<0.5	<0.5	2.6	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	06/19/08	N	<0.5	<0.5	<0.5	<0.5	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	12/09/08	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	05/06/09	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	08/25/09	N	<0.5	<0.5	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	05/20/10	N	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	08/04/10	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	11/12/10	N	<0.5	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	05/17/11	N	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	06/21/11	N	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	10/12/11	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	03/22/12	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	09/12/12	N	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

				Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
Location	Location Type	Sample Date	Sample Type	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYS Surface Water & Groundwater Quality Standard				5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
112	Surface Water	04/10/13	N	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	04/17/14	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	04/07/15	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	04/13/16	N	<0.5	<0.5	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	06/21/17	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	06/11/18	N	<0.5	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	09/24/18	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	03/25/19	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.3 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	06/12/19	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	09/18/19	N	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	04/15/20	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	09/09/20	N	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	0.097 J	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	11/10/20	N	<0.50	<0.50	<0.50	<0.50	0.57	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	04/14/21	N	<0.5	<0.5	<0.5	<0.5	0.54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	06/28/21	N	<0.5	<0.5	<0.5	<0.5	0.098 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
112	Surface Water	10/14/21	N	<0.50	<0.50	<0.50	<0.50	0.92	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	04/12/22	N	<0.50	<0.50	<0.50	<0.50	0.26 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	08/01/22	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1 J	<5.0	<5.0	<0.50	<0.50	<0.50	0.08 J	<0.50	<0.50	ND
112	Surface Water	10/11/22	N	<0.50	<0.50	<0.50	<0.50	0.29 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	04/25/23	N	<0.50	<0.50	<0.50	<0.50	0.2 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	08/09/23	N	<0.50	<0.50	<0.50	<0.50	0.14 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	11/02/23	N	<0.50	<0.50	<0.50	<0.50	0.63	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	04/09/24	N	<0.50	<0.50	<0.50	<0.50	0.14 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	08/13/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	11/11/24	N	<0.50	<0.50	<0.50	<0.50	0.12 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	04/08/25	N	<0.50	<0.50	<0.50	<0.50	0.16 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
112	Surface Water	08/06/25	N	<0.50	<0.50	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	01/31/08	N	<0.5	<0.5	<0.5	<0.5	4.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	06/19/08	N	<0.5	<0.5	<0.5	<0.5	2.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	09/08/08	N	<0.5	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	12/09/08	N	<0.5	<0.5	<0.5	<0.5	4.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	05/06/09	N	<0.5	<0.5	<0.5	<0.5	2.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	08/25/09	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	05/20/10	N	<0.5	<0.5	<0.5	<0.5	3.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	03/24/11	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	05/17/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	06/21/11	N	<0.5	<0.5	<0.5	<0.5	3.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	10/12/11	N	<0.5	<0.5	<0.5	<0.5	4.6	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	03/22/12	N	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	04/10/13	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	10/31/13	N	<0.5	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.8	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	04/17/14	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	09/11/14	N	<0.5	<0.5	<0.5	<0.5	4.7	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	04/07/15	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	04/13/16	N	<0.5	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	04/13/16	FD	<0.5	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	06/20/16	N	<0.5	<0.5	<0.5	<0.5	2.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	04/24/17	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	06/21/17	N	<0.5	<0.5	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	10/12/17	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.3 J	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
113	Surface Water	04/18/18	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	06/11/18	N	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	09/24/18	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	03/25/19	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	06/12/19	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	09/18/19	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	04/15/20	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	09/09/20	N	<0.50	<0.50	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	11/10/20	N	<0.50	<0.50	<0.50	<0.50	0.15 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	04/14/21	N	<0.5	<0.5	<0.5	<0.5	0.24 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	06/28/21	N	<0.5	<0.5	<0.5	<0.5	0.14 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
113	Surface Water	10/14/21	N	<0.50	<0.50	<0.50	<0.50	0.064 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.92 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	04/12/22	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	08/01/22	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3 J	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	10/11/22	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	04/25/23	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	08/09/23	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	11/02/23	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	04/09/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	08/13/24	N	<0.50	<0.50	<0.50	<0.50	0.19 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	11/11/24	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	04/08/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
113	Surface Water	08/06/25	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
114	Surface Water	01/31/08	N	<0.5	<0.5	<0.5	0.8	11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.9 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
114	Surface Water	12/09/08	N	<0.5	<0.5	<0.5	0.2 J	3.9	<0.5	<0.5	<0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
114	Surface Water	05/06/09	N	<0.5	0.2 J	<0.5	1.2	24	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
114	Surface Water	05/06/09	FD	<0.5	0.2 J	<0.5	1.3	25	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
114	Surface Water	08/25/09	N	<0.5	0.1 J	<0.5	1	19	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
114	Surface Water	05/20/10	N	<0.5	0.8	<0.5	1.5	26	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
114	Surface Water	05/17/11	N	<0.5	0.2 J	<0.5	1.1	22	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
114	Surface Water	10/12/11	N	<0.5	0.2 J	<0.5	1.2	23	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
114	Surface Water	12/06/11	N	<0.5	0.6	<0.5	1.3	22	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
114	Surface Water	03/21/12	N	<0.5	0.4 J	<0.5	1	20	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
114	Surface Water	04/10/13	N	<0.5	0.5	<0.5	0.9	24	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
114	Surface Water	04/10/13	FD	<0.5	0.5 J	<0.5	1	20	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
115	Surface Water	02/27/08	FD	<0.5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
115	Surface Water	02/27/08	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
115	Surface Water	02/27/08	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
115	Surface Water	06/19/08	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
115	Surface Water	05/06/09	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
115	Surface Water	08/25/09	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
115	Surface Water	08/25/09	FD	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
115	Surface Water	05/20/10	N	<0.5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
115	Surface Water	09/24/10	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
115	Surface Water	03/24/11	N	<0.5	<0.5	<0.5	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
115	Surface Water	10/12/11	N	<0.5	<0.5	<0.5	<0.5	4.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
115	Surface Water	03/22/12	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
115	Surface Water	04/10/13	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	03/04/08	N	<0.5	5.2	<0.5	<0.5	12	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	12/09/08	N	<0.5	3.4	<0.5	<0.5	9.4	<0.5	0.2 J	<0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	05/06/09	N	<0.5	6.4	0.1 J	<0.5	11	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	08/25/09	N	<0.5	3.1	<0.5	<0.5	13	<0.5	0.2 J	<0.2 J	0.4 J	<0.5	<0.5	<0.5	<0.5	7.8	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	05/19/10	N	<0.5	4.5	<0.5	<0.5	8.8	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	11/11/10	N	<0.5	7.6	<0.5	<0.5	15	<0.5	0.2 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	03/24/11	N	<0.5	2.4	<0.5	<0.5	5.4	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	05/17/11	N	<0.5	4.1	<0.5	<0.5	8.7	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	10/12/11	N	<0.5	5.9	<0.5	<0.5	15	<0.5	0.2 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	03/22/12	N	<0.5	9.8	<0.5	<0.5	14	<0.5	0.3 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	09/10/12	N	<0.5	2.6	<0.5	<0.5	9.3	<0.5	0.1 J	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
116	Surface Water	04/10/13	N	<0.5	3.6	<0.5	<0.5	6.5	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
117	Surface Water	08/25/09	N	<0.5	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.8 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	03/13/08	N	<0.5	0.6	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	03/13/08	FD	<0.5	0.7	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	12/09/08	N	<0.5	0.7	<0.5	<0.5	2.1	<0.5	0.1 J	<0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	05/06/09	N	<0.5	0.4 J	<0.5	<0.5	1.3	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	08/25/09	N	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	05/20/10	N	<0.5	0.6	<0.5	<0.5	1.9	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	11/11/10	N	<0.5	1.7	<0.5	<0.5	3.3	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	8.7	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

TABLE C.4
Summary of Groundwater Results – VOCs
Voluntary Review of Remediation Performance, 2014 - 2025
Former IBM Gun Club - Former Burn Pit Area
Union, New York

Location	Location Type	Sample Date	Sample Type	Chlorinated VOCs						Chlorinated Methanes				Chlorinated Ethanes			Ketones			Petroleum Hydrocarbons						
				Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane	Methylene Chloride (Dichloromethane)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Dichloroethane (1,2-)	Acetone	Butanone (2-) (MEK)	Methyl-2-pentanone (4-) (MIBK)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Toluene	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
	Units			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	NYS Surface Water & Groundwater Quality Standard			5	5	5	5	5	2	5	7	5	5	5	1	0.6	50†	50†	NS	1	5	5	5	5	5	5
118	Surface Water	03/24/11	N	<0.5	0.7	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	05/17/11	N	<0.5	0.8	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	10/12/11	N	<0.5	0.4 J	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	09/10/12	N	<0.5	0.3 J	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.8 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	04/10/13	N	<0.5	1.2	<0.5	<0.5	2.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	04/17/14	N	<0.5	0.2 J	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	04/07/15	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	04/13/16	N	<0.5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	04/24/17	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	06/21/17	N	<0.5	0.8	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	04/18/18	N	<0.5	4.2	<0.5	<0.5	2.3	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	09/24/18	N	<0.5	2.2	<0.5	<0.5	2.6	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	03/25/19	N	<0.5	1	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.05 J	3.8 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	06/12/19	N	<0.5	1.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	09/18/19	N	<0.5	0.06 J	<0.5	<0.5	0.07 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	04/15/20	N	<0.5	2.1	<0.5	<0.5	1.7	<0.5	0.1 J	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
118	Surface Water	11/10/20	N	<0.50	0.084 J	<0.50	<0.50	0.23 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
118	Surface Water	04/14/21	N	<0.5	2.3	<0.5	<0.5	0.96 J	<0.5	<0.5	0.095 J	<0.5	<0.5	<0.5	<0.5	<0.5	1.3 J	<5	<5	<0.5	<0.5	<0.5	0.097 J	<0.5	<0.5	ND
118	Surface Water	04/12/22	N	<0.50	0.54	<0.50	<0.50	0.59	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
118	Surface Water	08/09/23	N	<0.50	<0.50	<0.50	<0.50	0.099 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
118	Surface Water	11/02/23	N	<0.50	0.087 J	<0.50	<0.50	0.28 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
118	Surface Water	04/09/24	N	<0.50	0.18 J	<0.50	<0.50	0.57	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
118	Surface Water	08/13/24	N	<0.50	<0.50	<0.50	<0.50	0.082 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
118	Surface Water	04/08/25	N	<0.50	0.22 J	<0.50	<0.50	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
119	Surface Water	03/13/08	N	<0.5	<0.5	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
119	Surface Water	10/12/17	N	<0.5	0.9	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.1	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
119	Surface Water	06/11/18	N	<0.5	4.6	0.1 J	<0.5	0.3 J	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	26	4 J	<5	<0.5	<0.5	<0.5	4.4	<0.5	<0.5	ND
119	Surface Water	09/24/18	N	<0.5	1.1	0.1 J	<0.5	0.2 J	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	2.5 J	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
119	Surface Water	03/25/19	N	<0.5	3.3	0.1 J	<0.5	1.3	1.6	<0.5	<0.5	<0.5	0.08 J	<0.5	<0.5	0.2 J	6	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
119	Surface Water	06/12/19	N	<0.5	5.7	0.2 J	<0.5	1.1	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.2 J	2.1 J	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
119	Surface Water	04/15/20	N	<0.5	2.9	<0.5	<0.5	1.8	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	1.4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
119	Surface Water	04/14/21	N	<0.5	0.82	<0.5	<0.5	0.96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.1 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
119	Surface Water	04/12/22	N	<0.50	0.86	<0.50	<0.50	0.45 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
119	Surface Water	04/25/23	N	<0.50	5.7	<0.50	<0.50	2.6	0.16 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.083 J	2.1 J	<5.0	<5.0	<0.50	<0.50	<0.50	0.61	<0.50	<0.50	ND
119	Surface Water	08/09/23	N	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	16 J	>50	<50	<5.0	<5.0	<5.0	1.1 J	<5.0	<5.0	ND
119	Surface Water	11/02/23	N	<0.50	0.3 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.9 J	<5.0 *+	<5.0	<0.50	<0.50	<0.50	1.3	<0.50	<0.50	ND
119	Surface Water	04/09/24	N	<0.50	0.23 J	<0.50	<0.50	0.095 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5	<5.0	<5.0	<0.50	<0.50	<0.50	0.26 J	<0.50	<0.50	ND
119	Surface Water	08/13/24	N	<0.50	0.31 J	<0.50	<0.50	0.08 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2 J	<5.0	<5.0	<0.50	<0.50	<0.50	0.23 J	<0.50	<0.50	ND
119	Surface Water	04/08/25	N	<0.50	0.55	<0.50	<0.50	0.41 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
220	Surface Water	05/17/11	N	<0.5	2.9	<0.5	<0.5	8	<0.5	0.1 J	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	4 J	<5	<5	<0.5	<0.5	<0.5	13	<0.5	<0.5	ND
221	Surface Water	05/17/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP1	Surface Water	04/25/07	N	<0.5	19	0.2 J	<0.5	38	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP1	Surface Water	08/25/09	N	0.1 J	64	0.3 J	<0.5	6.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.1 J	7.9	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
SEEP1	Surface Water	11/10/10	N	<0.5	19	0.1 J	<0.5	16	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	0.1 J	4 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP1	Surface Water	01/13/11	N	<0.5	36	0.8	<0.5	12	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4 J	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
SEEP1	Surface Water	03/24/11	N	<0.5	21	0.3 J	<0.5	24	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP1	Surface Water	03/24/11	N	<0.5	20	0.2 J	<0.5	25	<0.5	<0.5	0.3 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP1	Surface Water	10/13/11	N	<0.5	30	0.1 J	<0.5	8.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.4 J	<0.5	<0.5	ND
SEEP1	Surface Water	12/04/11	N	<0.5	31	0.3 J	<0.5	25	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP1	Surface Water	04/10/13	N	<0.5	21	0.1 J	<0.5	25	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP2	Surface Water	08/25/09	N	<0.5	0.4 J	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.7 J	<5	<5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	ND
SEEP2	Surface Water	05/20/10	N	<0.5	3.6	<0.5	<0.5	5.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP2	Surface Water	11/10/10	N	<0.5	0.7	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP2	Surface Water	01/13/11	N	<0.5	3	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP2	Surface Water	03/24/11	N	<0.5	3.8	<0.5	<0.5	5.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP2	Surface Water	05/17/11	N	<0.5	1.3	<0.5	<0.5	3.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP2	Surface Water	10/13/11	N	<0.5	1.2	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	0.1 J	<0.5	<0.5	ND
SEEP2	Surface Water	12/04/11	N	<0.5	0.5 J	<0.5	<0.5	0.4 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.3	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP2	Surface Water	03/21/12	N	<0.5	1.1	<0.5	<0.5	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SEEP2	Surface Water	04/10/13	N	<0.5	1.5	<0.5	<0.5	2.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SWA	Surface Water	04/25/07	N	<0.5	0.7	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SWA	Surface Water	05/17/11	N	<0.5	<0.5	<0.5	<0.5	0.2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.7 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SWA	Surface Water	10/13/11	N	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.3 J	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SWA	Surface Water	12/04/11	N	<0.5	0.2 J	<0.5	<0.5	0.1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

Appendix D

TCE Distribution in Groundwater (2014, 2018, 2020, 2022, 2025)

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Last Edited By: hlapointe

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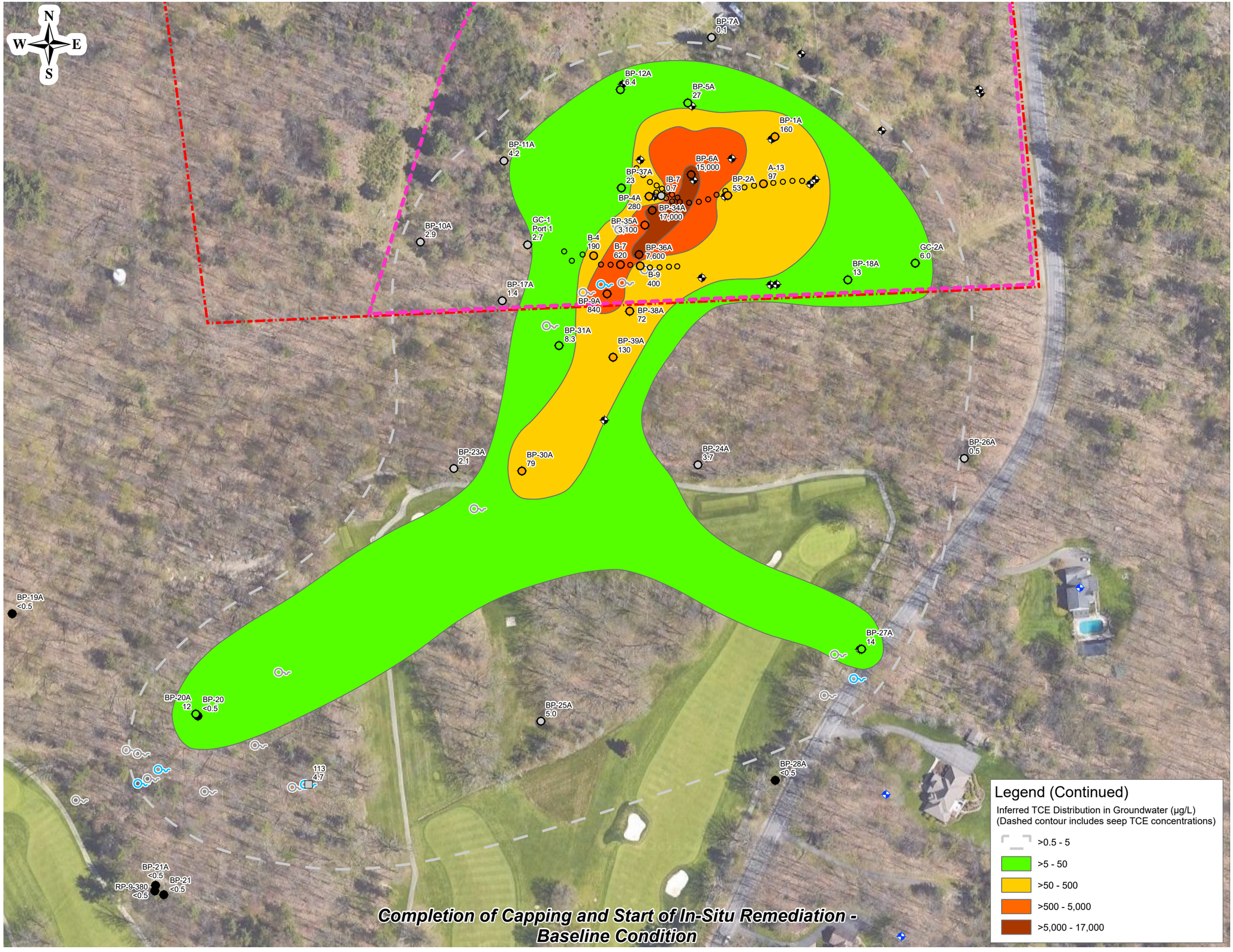

Figure D.1

September 2014 TCE Distribution in Groundwater

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area
Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the inferred distribution of TCE in groundwater located above the aquitard from annual monitoring sampling. Figures D.1 through D.5 complement Figure 4.

Notes

1. Aerial imagery provided by Google Earth Pro.(May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Injection Boring / Well Location
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

TCE Concentration in Groundwater (µg/L)

- Not Detected (ND)
- >ND - 5
- >5 - 50
- >50 - 500
- >500 - 5,000
- >5,000 - 17,000

Seep TCE Concentration (µg/L)

- Not Detected (ND)
- >ND - 5

Feet
75 37.5 0 75 150

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Last Edited By: hlapointe

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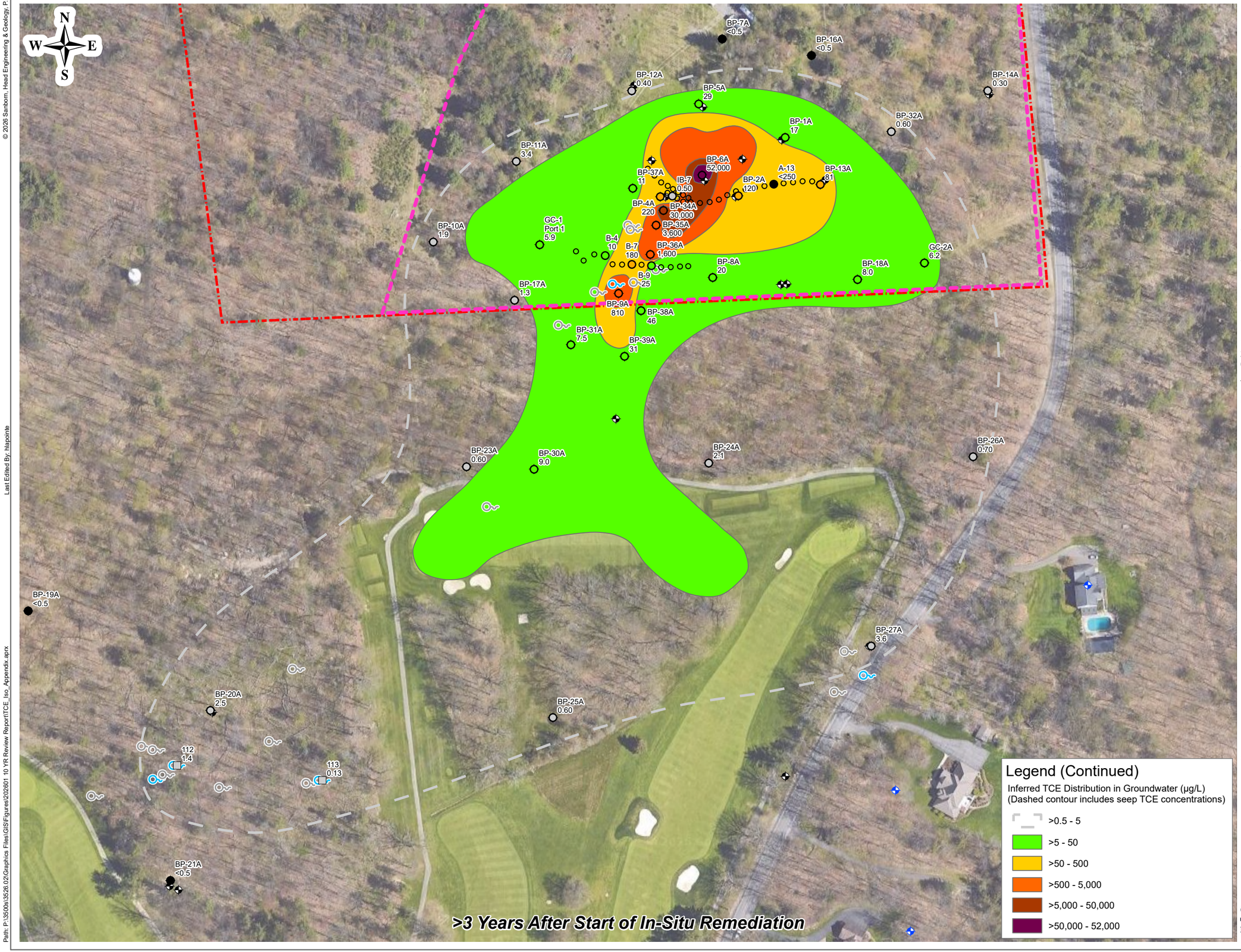

Legend (Continued)

Inferred TCE Distribution in Groundwater (µg/L)
(Dashed contour includes seep TCE concentrations)

- >0.5 - 5
- >5 - 50
- >50 - 500
- >500 - 5,000
- >5,000 - 50,000
- >50,000 - 52,000

Figure D.2

June 2018 TCE Distribution in Groundwater

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area
Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the inferred distribution of TCE in groundwater located above the aquitard from annual monitoring sampling. Figures D.1 through D.5 complement Figure 4.

Notes

1. Aerial imagery provided by Google Earth Pro.(May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Injection Boring / Well Location
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

TCE Concentration in Groundwater (µg/L)

- Not Detected (ND)
- >ND - 5
- >5 - 50
- >50 - 500
- >500 - 5,000
- >5,000 - 50,000
- >50,000 - 52,000

Seep TCE Concentration (µg/L)

- Not Detected (ND)
- >ND - 5

75 37.5 0 75 150 Feet

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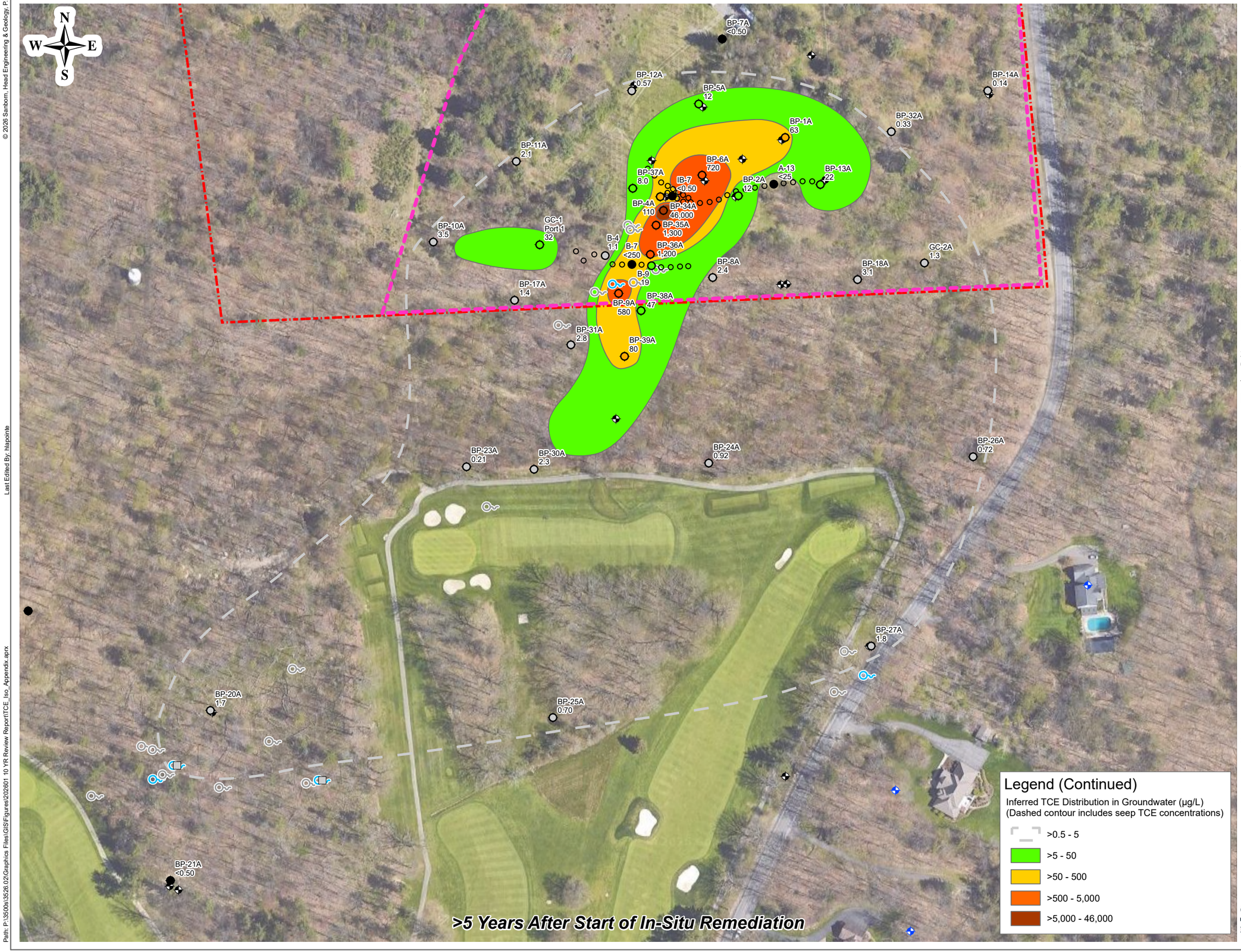

Figure D.3

September 2020 TCE Distribution in Groundwater

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area
Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the inferred distribution of TCE in groundwater located above the aquitard from annual monitoring sampling. Figures D.1 through D.5 complement Figure 4.

Notes

1. Aerial imagery provided by Google Earth Pro.(May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Injection Boring / Well Location
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

TCE Concentration in Groundwater (µg/L)

- Not Detected (ND)
- >ND - 5
- >5 - 50
- >50 - 500
- >500 - 5,000
- >5,000 - 46,000

Seep TCE Concentration (µg/L)

- Not Detected (ND)
- >ND - 5

75 37.5 0 75 150 Feet

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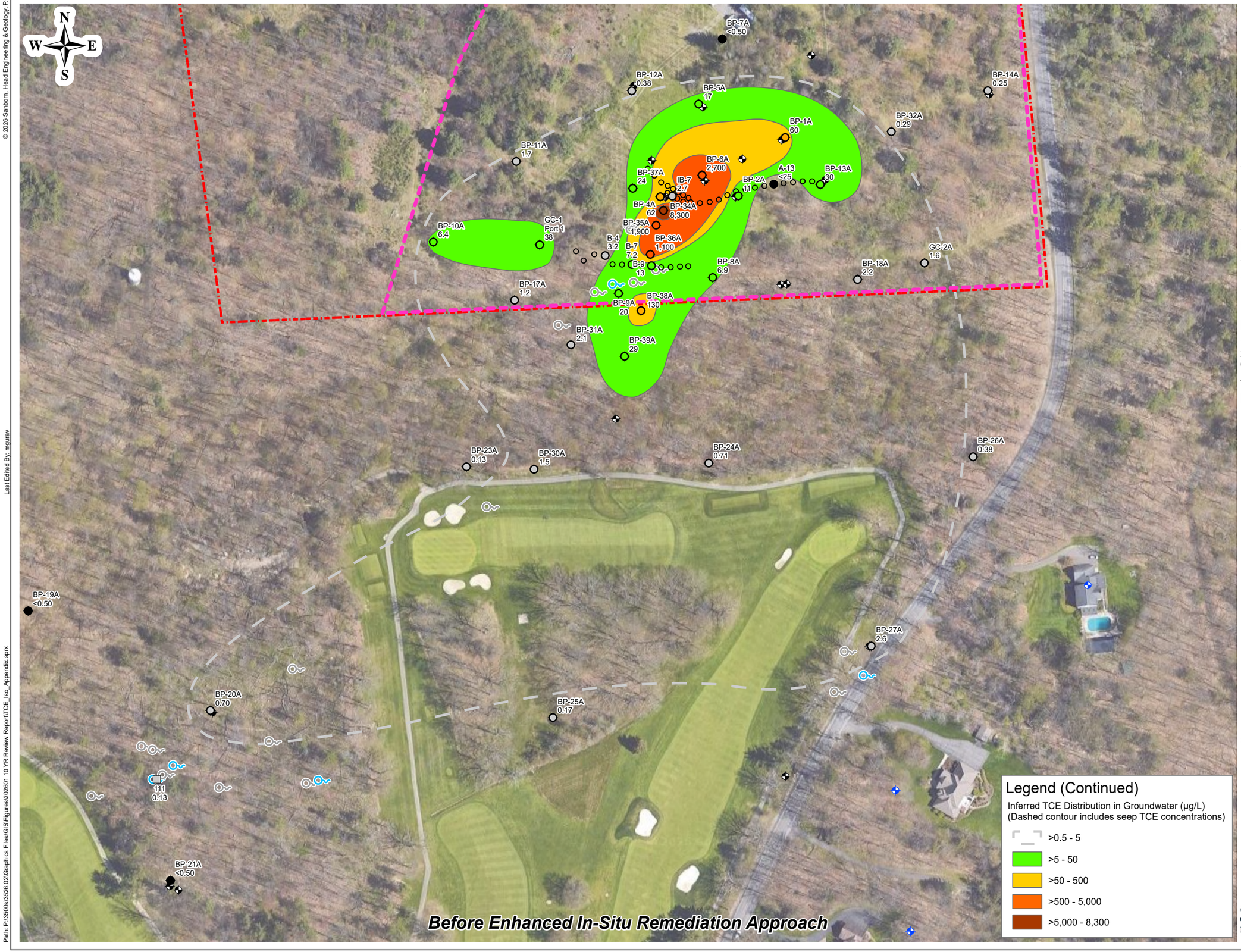

Figure D.4

August 2022 TCE Distribution in Groundwater

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area
Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the inferred distribution of TCE in groundwater located above the aquitard from annual monitoring sampling. Figures D.1 through D.5 complement Figure 4.

Notes

1. Aerial imagery provided by Google Earth Pro.(May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Injection Boring / Well Location
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

TCE Concentration in Groundwater (µg/L)

- Not Detected (ND)
- >ND - 5
- >5 - 50
- >50 - 500
- >500 - 5,000
- >5,000 - 8,300

Seep TCE Concentration (µg/L)

- Not Detected (ND)
- >ND - 5

Legend (Continued)

Inferred TCE Distribution in Groundwater (µg/L)
(Dashed contour includes seep TCE concentrations)

- >0.5 - 5
- >5 - 50
- >50 - 500
- >500 - 5,000
- >5,000 - 8,300

75 37.5 0 75 150 Feet

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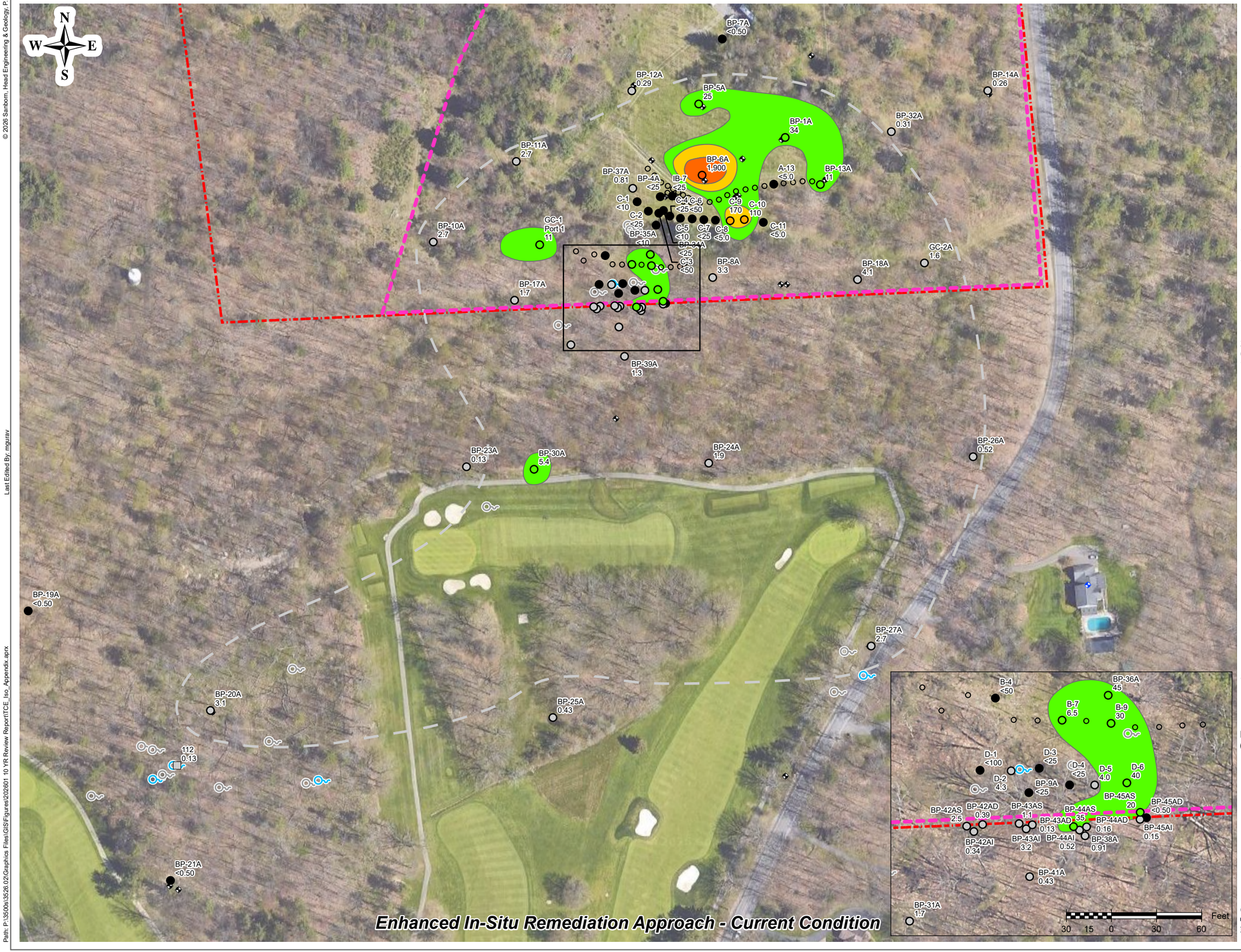

Figure D.5

August 2025 TCE Distribution in Groundwater

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area
Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the inferred distribution of TCE in groundwater located above the aquitard from annual monitoring sampling. Figures D.1 through D.5 complement Figure 4.

Notes

1. Aerial imagery provided by Google Earth Pro.(May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Injection Boring / Well Location
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

TCE Concentration in Groundwater (µg/L)

- Not Detected (ND)
- >ND - 5
- >5 - 50
- >50 - 500
- >500 - 1,900

Seep TCE Concentration (µg/L)

- Not Detected (ND)
- >ND - 5

Inferred TCE Distribution in Groundwater (µg/L)
(Dashed contour includes seep TCE concentrations)

- >0.5 - 5
- >5 - 50
- >50 - 500
- >500 - 1,900

Feet
75 37.5 0 75 150

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Appendix E

Evolution of Other VOC Distribution in Groundwater (2014 – 2025)

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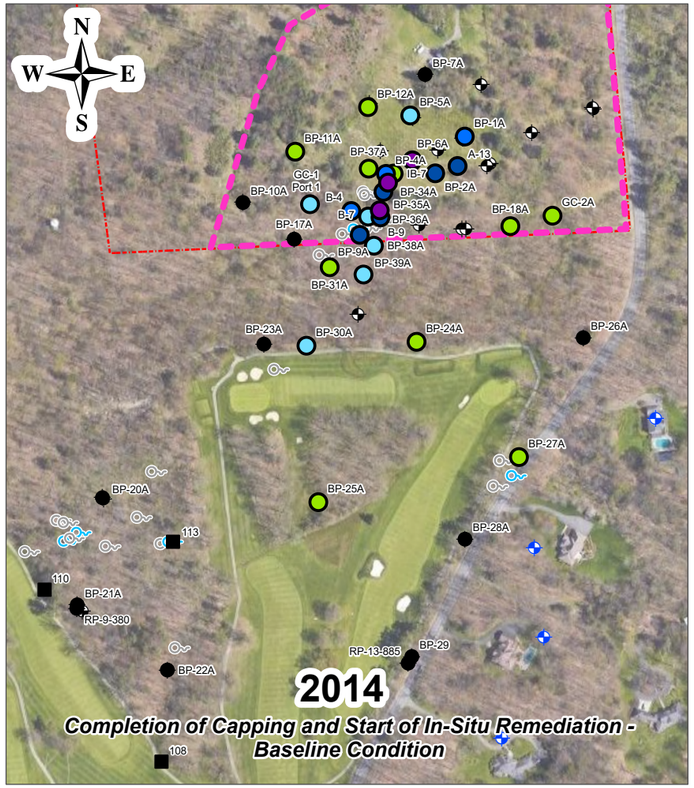

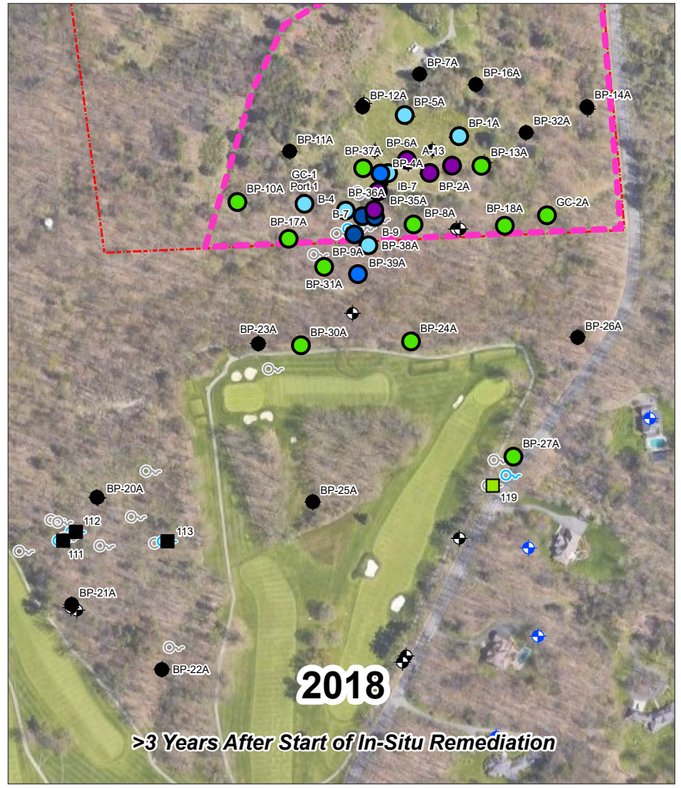

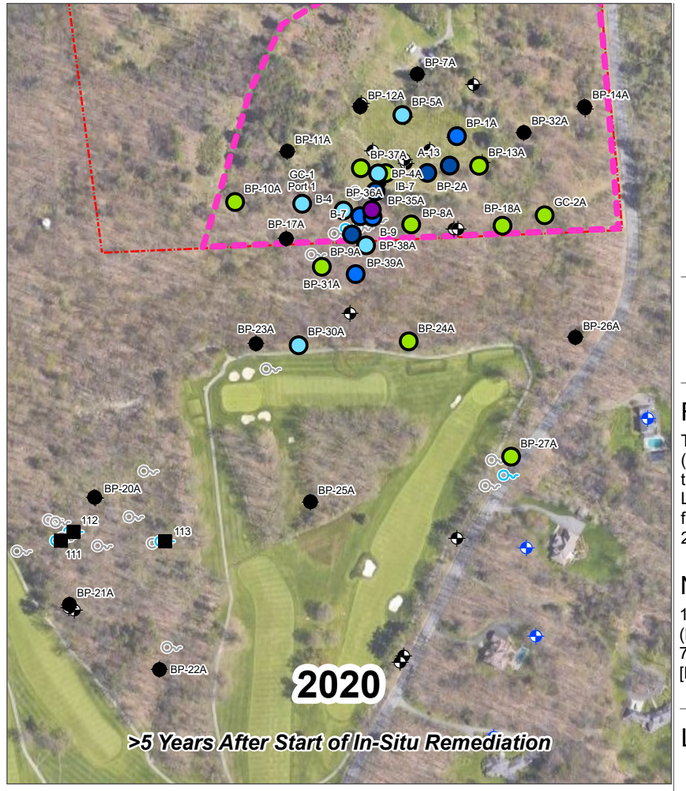

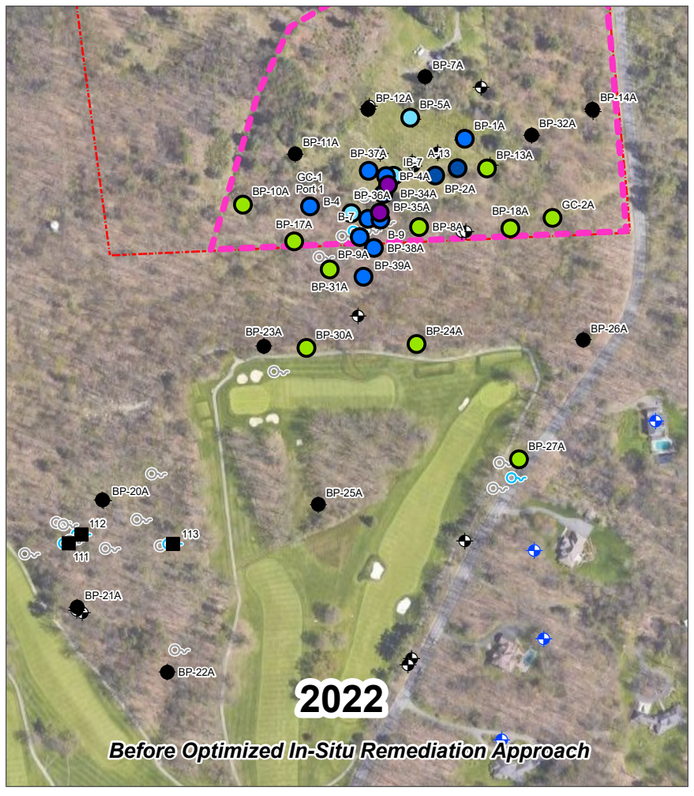

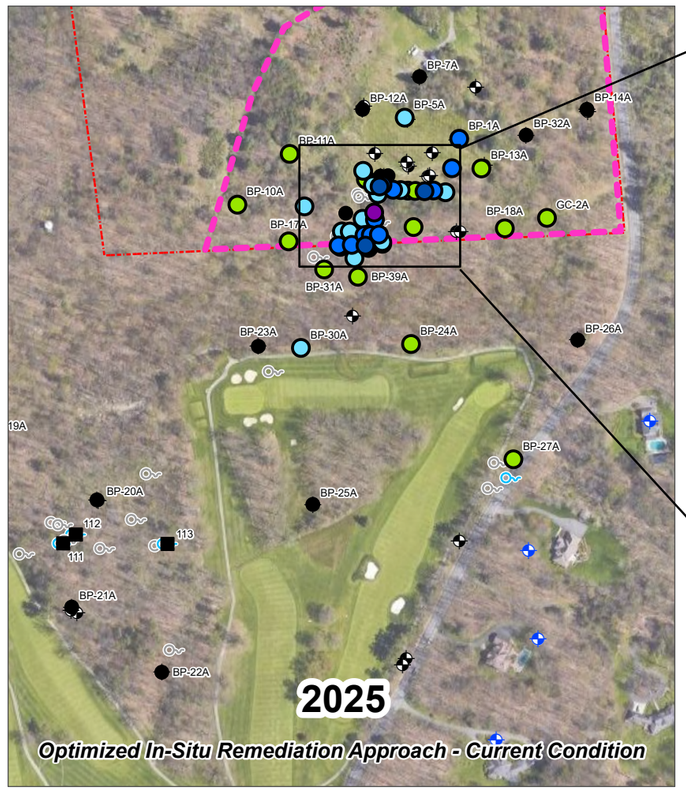

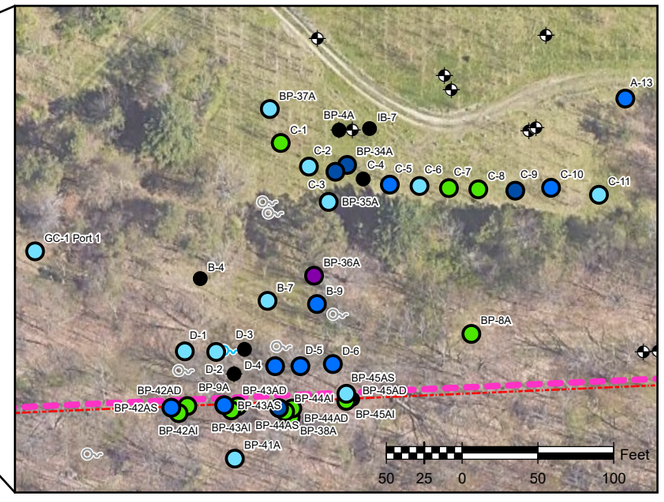

Figure E.1

Evolution of cDCE Distribution in Groundwater (2014 - 2025)

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the cis-1,2-dichloroethene (cDCE) concentrations in groundwater relative to the NYSDEC GWQS of 5 micrograms per liter (µg/L) per regulation 6 CRR-NY 703.5. Sample rounds from September 2014, June 2018, September 2020, August 2022, and August 2025 are shown.

Notes

1. Aerial imagery provided by Google Earth Pro. (May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

cDCE Concentration in Groundwater (µg/L)

- Not Detected (ND)
- >ND - 5
- >5 - 50
- >50 - 500
- >500 - 5,000
- >5,000

Seep cDCE Concentration (µg/L)

- Not Detected (ND)
- >ND - 5

Feet
200 100 0 200 400

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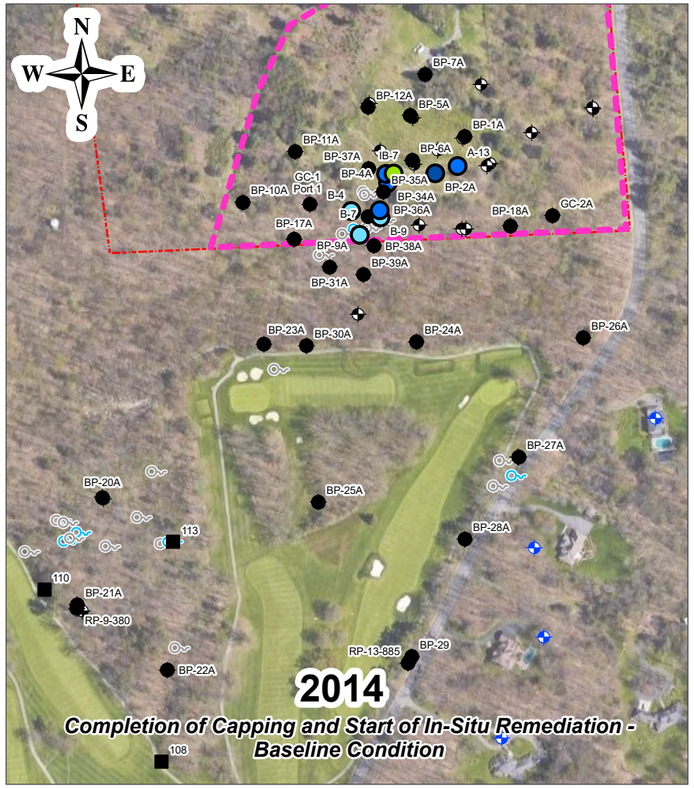

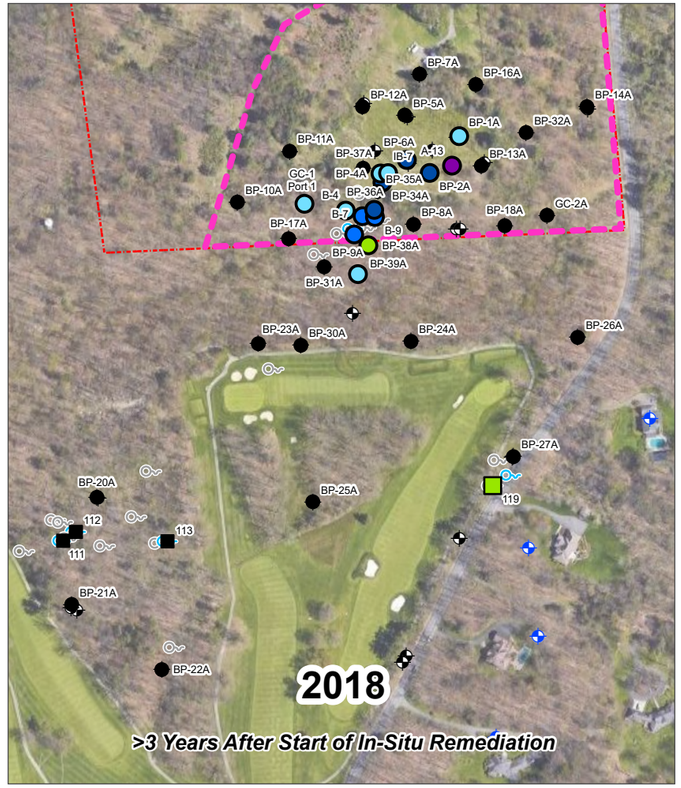

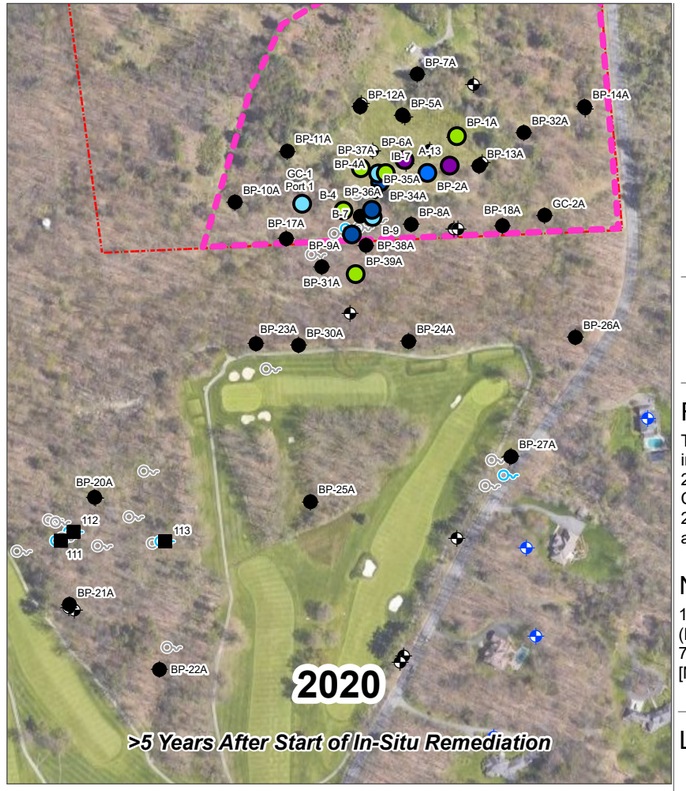

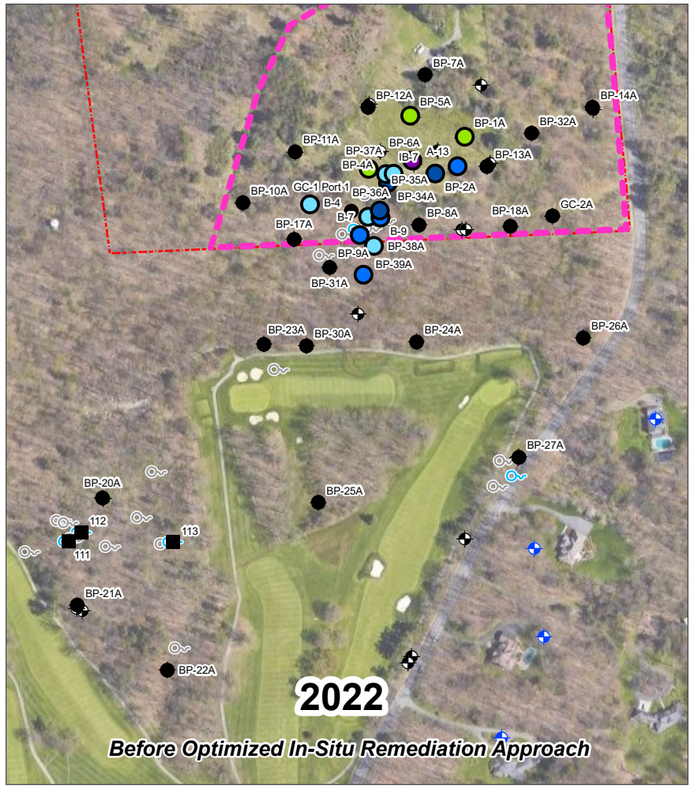

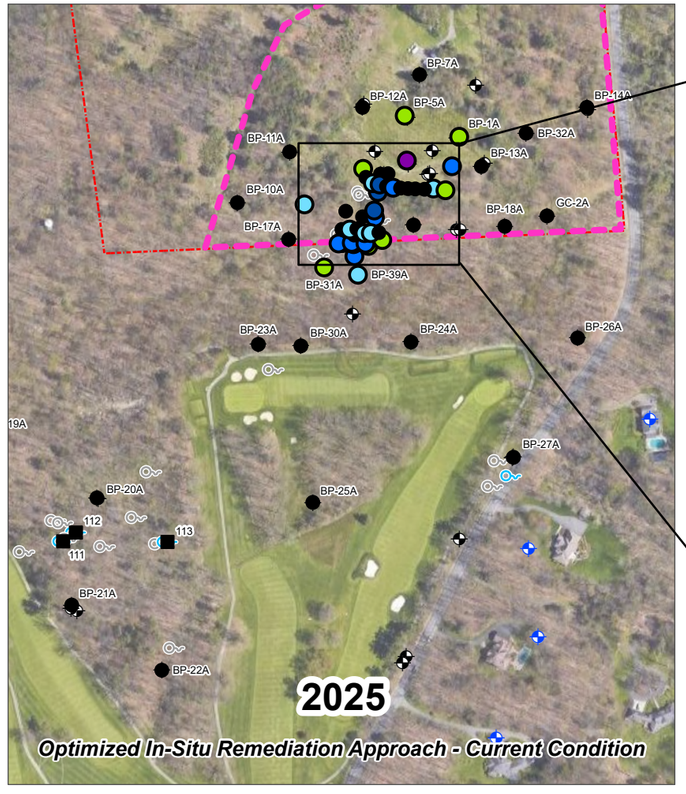

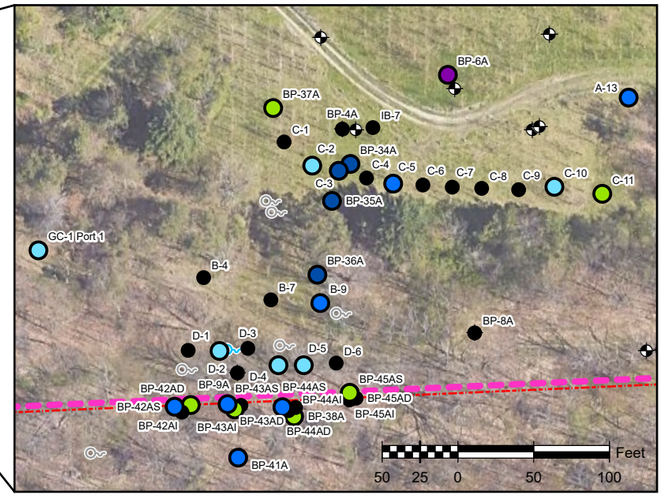

Figure E.2

Evolution of Vinyl Chloride Distribution in Groundwater (2014 - 2025)

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the vinyl chloride concentrations in groundwater relative to the NYSDEC GWQS of 2 micrograms per liter (µg/L) per regulation 6 CRR-NY 703.5. Sample rounds from September 2014, June 2018, September 2020, August 2022, and August 2025 are shown.

Notes

1. Aerial imagery provided by Google Earth Pro. (May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

Vinyl Chloride Concentration in Groundwater (µg/L)

- Not Detected (ND)
- >ND - 2
- >2 - 20
- >20 - 200
- >200 - 2,000
- >2,000

Seep Vinyl Chloride Concentration (µg/L)

- Not Detected (ND)
- >ND - 2

Feet
200 100 0 200 400

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Last Edited By: hlapointe

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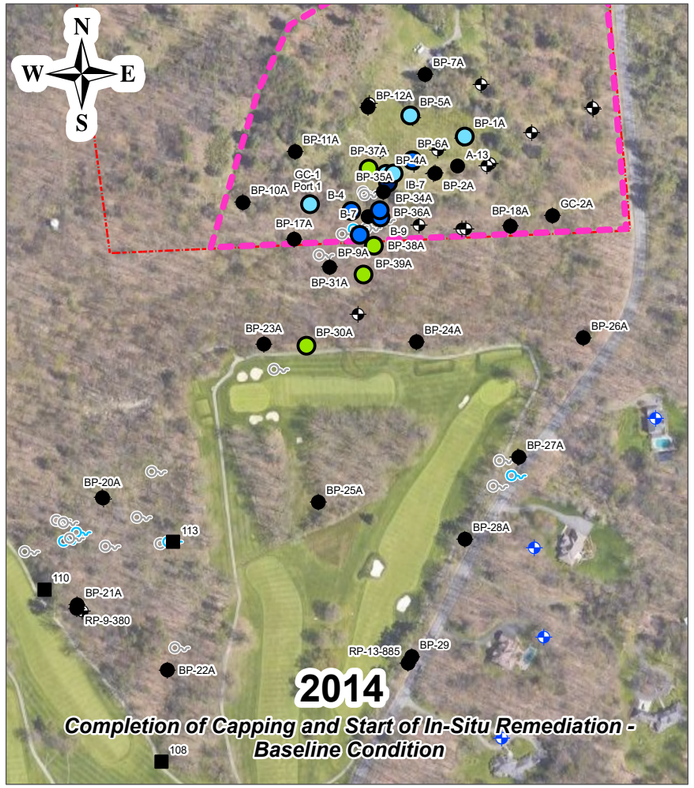

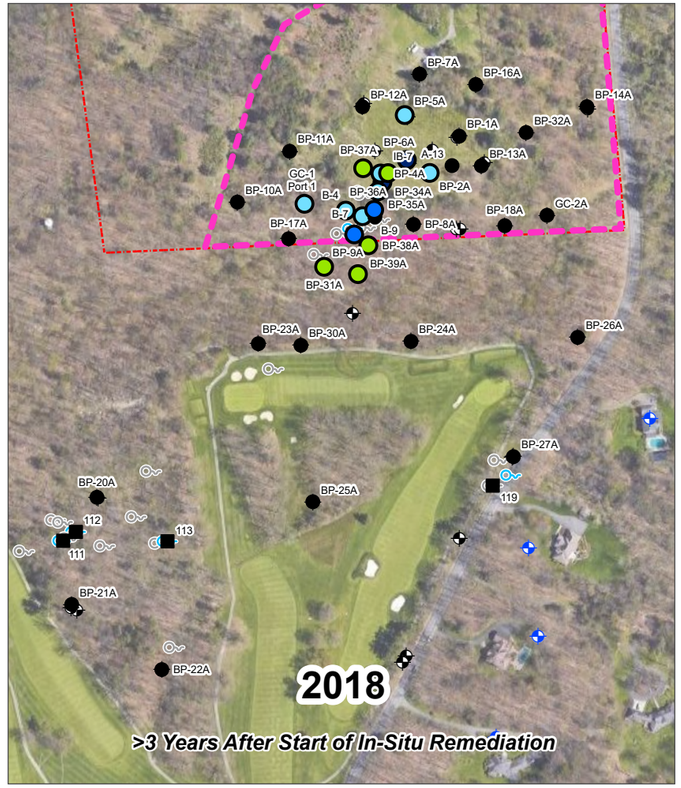

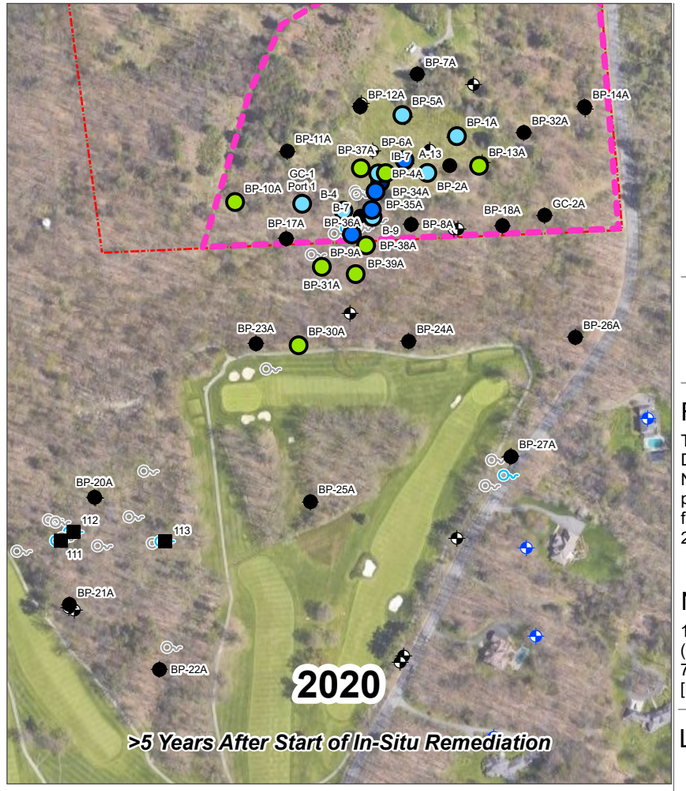

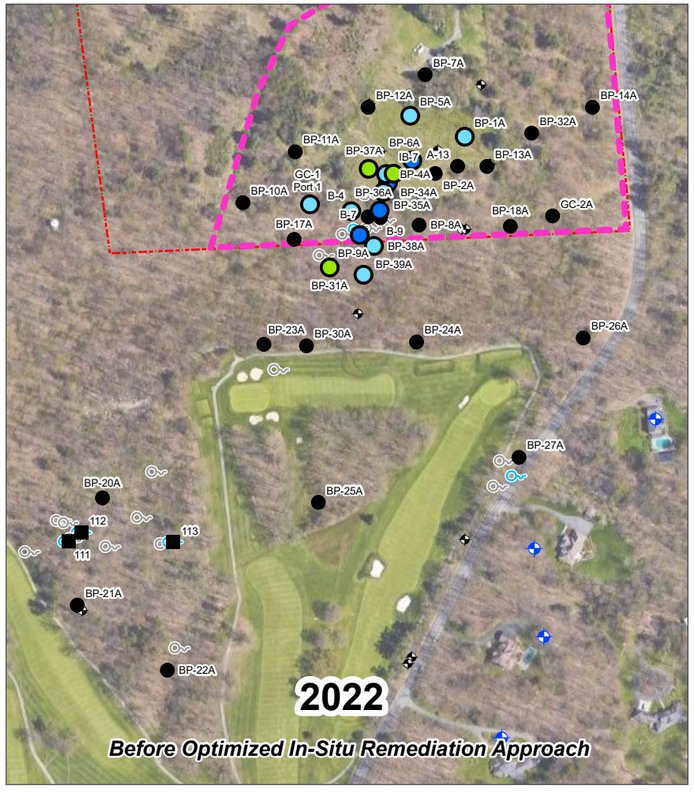

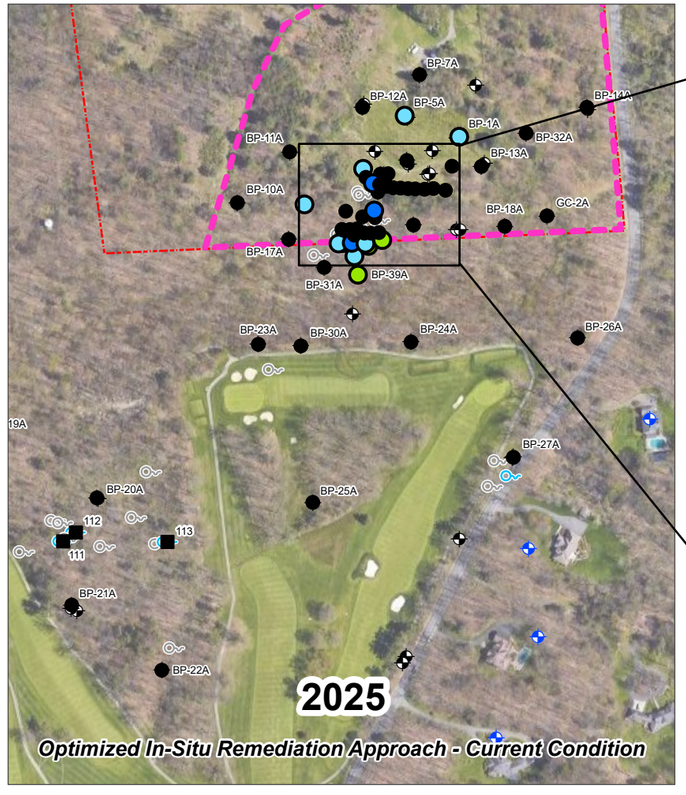

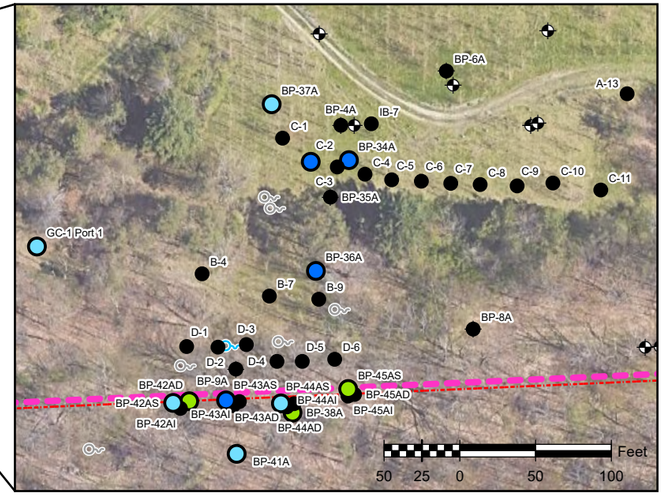

Figure E.3

Evolution of 1,2-DCA Distribution in Groundwater (2014 - 2025)

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the 1,2-dichloroethane (1,2-DCA) concentrations in groundwater relative to the NYSDEC GWQS of 0.6 micrograms per liter (µg/L) per regulation 6 CRR-NY 703.5. Sample rounds from September 2014, June 2018, September 2020, August 2022, and August 2025 are shown.

Notes

1. Aerial imagery provided by Google Earth Pro. (May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

1,2-DCA Concentration in Groundwater (µg/L)

- Not Detected (ND)
- >ND - 0.6
- >0.6 - 6
- >6 - 60
- >60

Seep 1,2-DCA Concentration (µg/L)

- Not Detected (ND)

Feet
200 100 0 200 400

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Last Edited By: hlapointe

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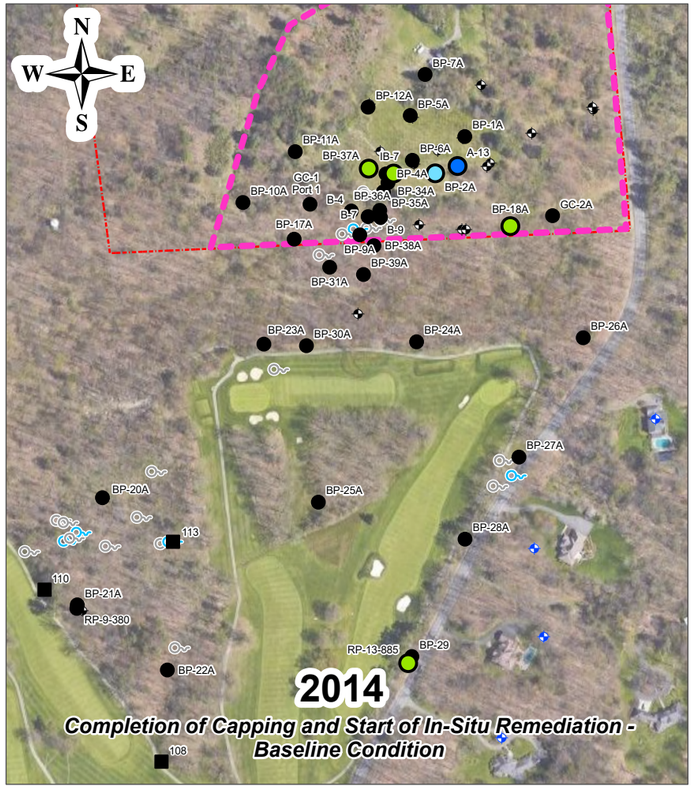

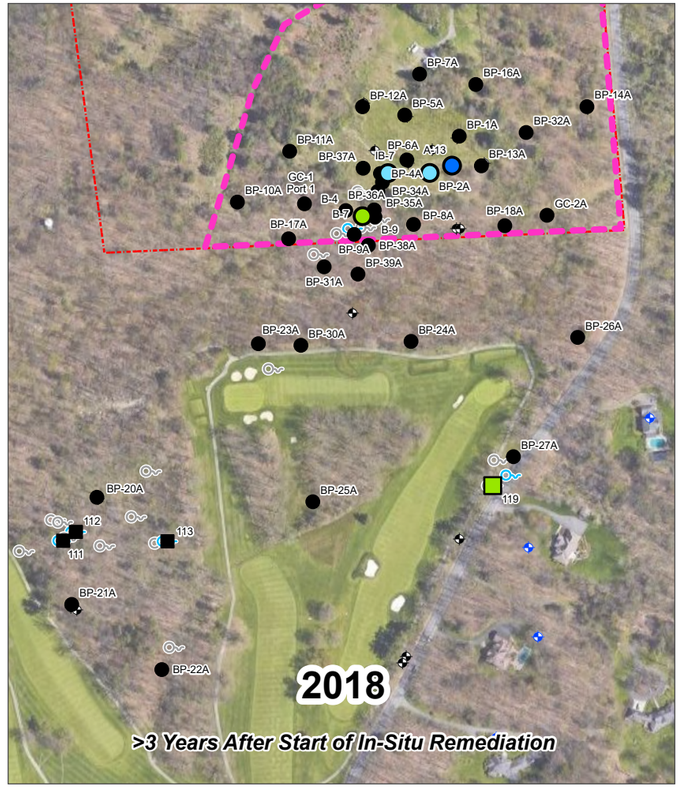

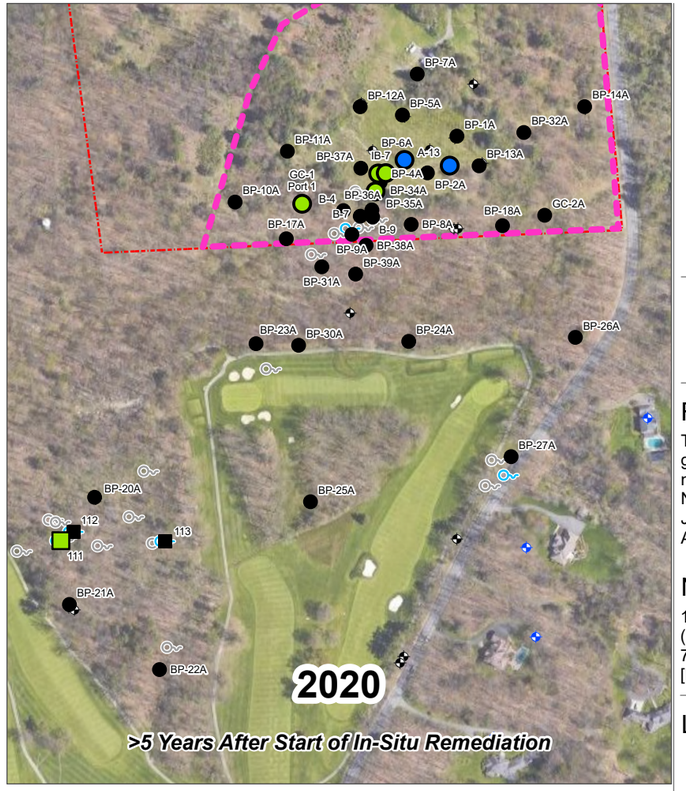

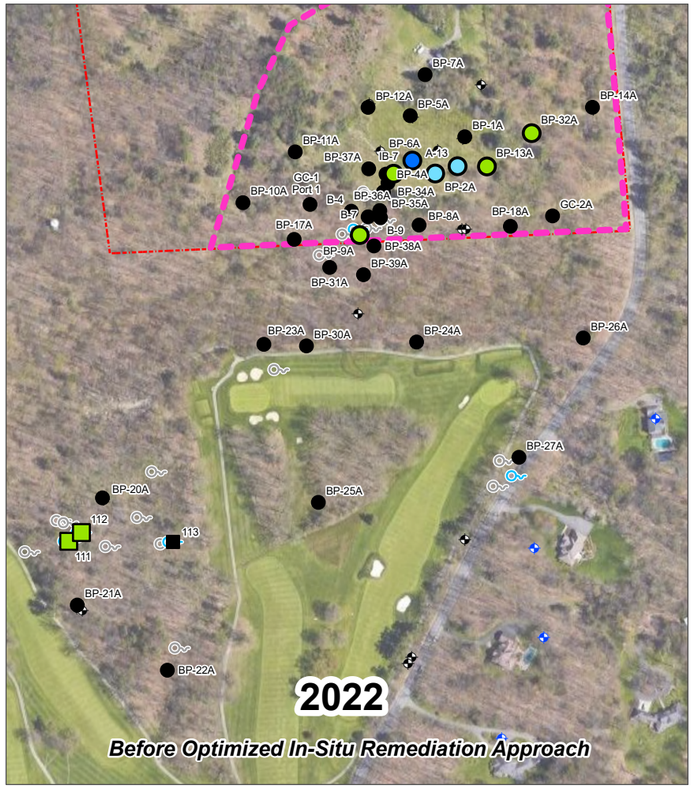

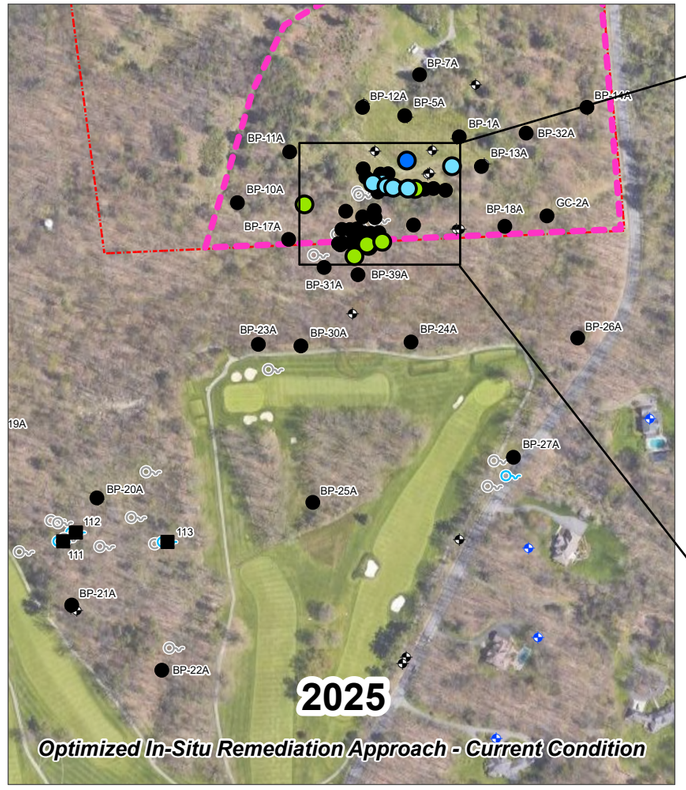

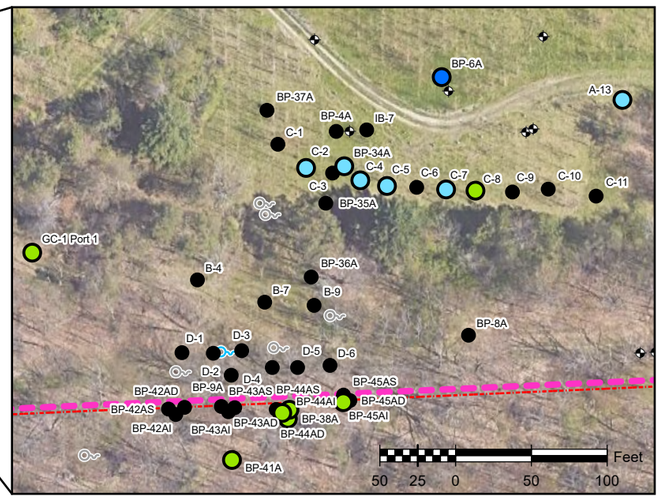

Figure E.4

Evolution of Toluene Distribution in Groundwater (2014 - 2025)

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the toluene concentrations in groundwater relative to the NYSDEC GWQS of 5 micrograms per liter (µg/L) per regulation 6 CRR-NY 703.5. Sample rounds from September 2014, June 2018, September 2020, August 2022, and August 2025 are shown.

Notes

1. Aerial imagery provided by Google Earth Pro. (May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

Toluene Concentration in Groundwater (µg/L)

- Not Detected (ND)
- >ND - 5
- >5 - 50
- >50

Seep Toluene Concentration (µg/L)

- Not Detected (ND)
- >ND - 5

Feet
200 100 0 200 400

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Last Edited By: hlapointe

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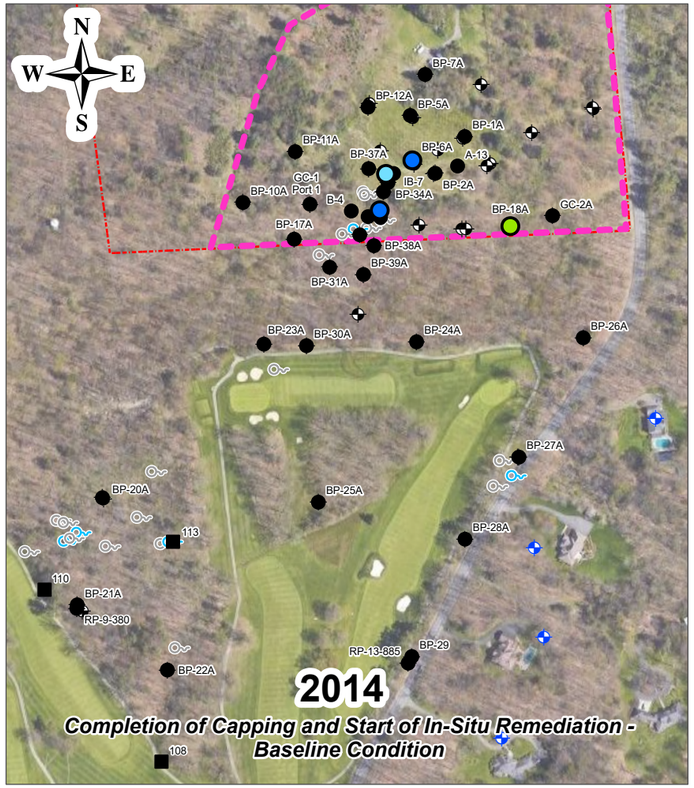

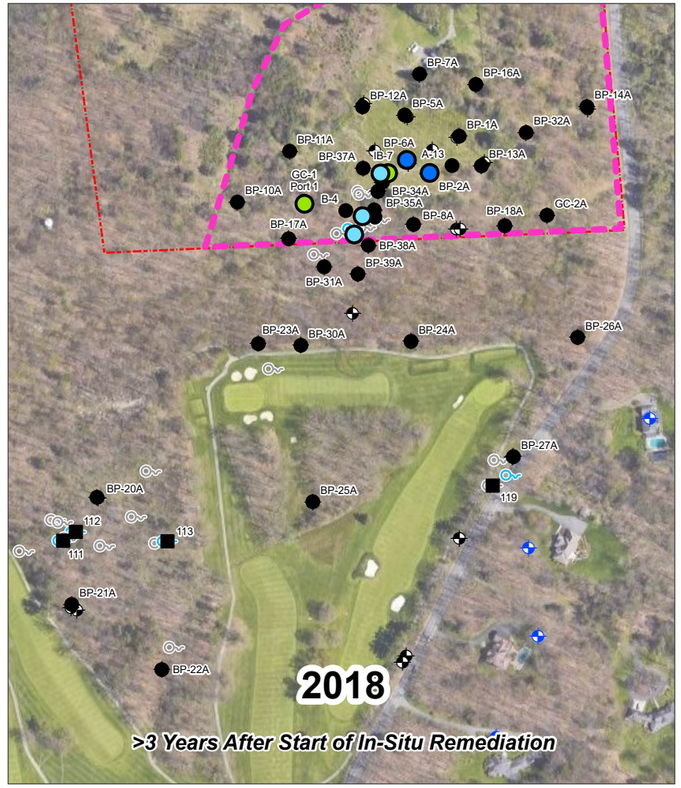

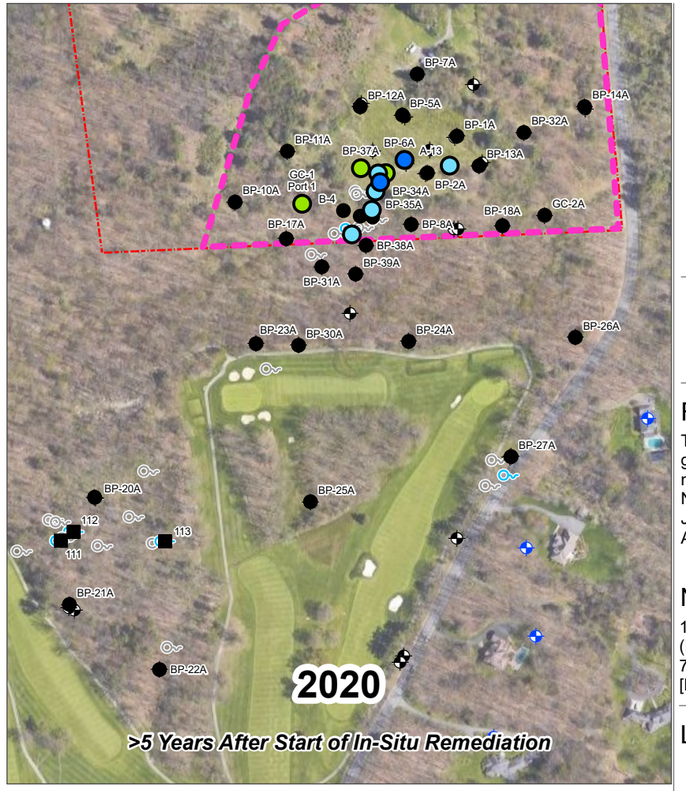

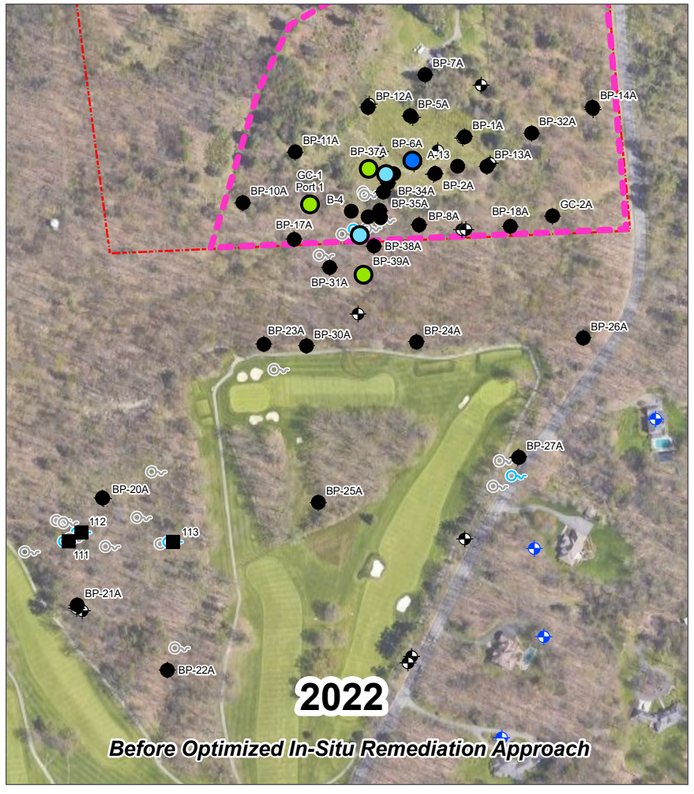

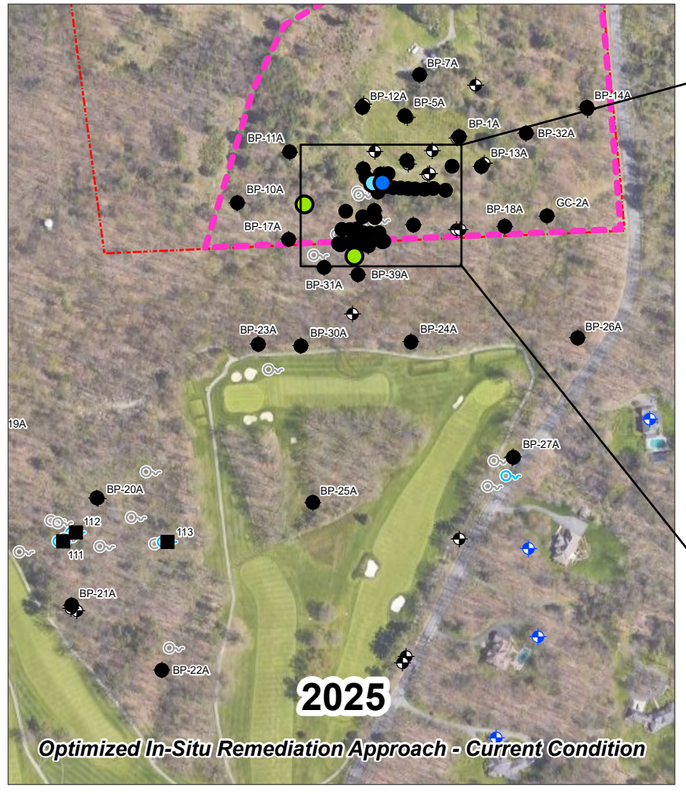

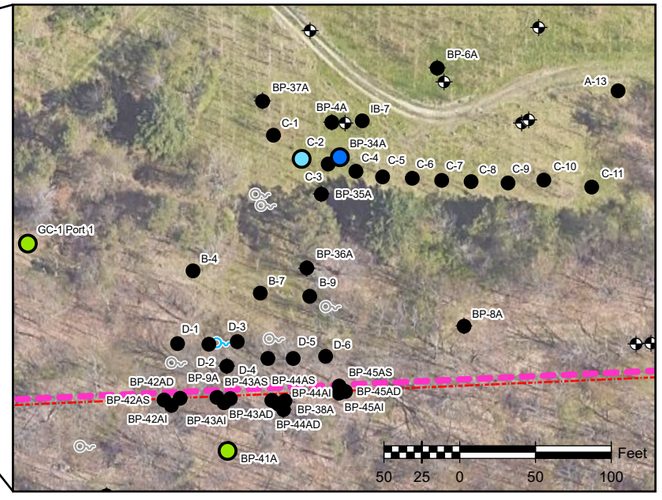

Figure E.5

Evolution of Benzene Distribution in Groundwater (2014 - 2025)

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the benzene concentrations in groundwater relative to the NYSDEC GWQS of 1 microgram per liter (ug/L) per regulation 6 CRR-NY 703.5. Sample rounds from September 2014, June 2018, September 2020, August 2022, and August 2025 are shown.

Notes

1. Aerial imagery provided by Google Earth Pro. (May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

Benzene Concentration in Groundwater (µg/L)

- Not Detected (ND)
- >ND - 1
- >1 - 10
- >10 - 100

Seep Benzene Concentration (µg/L)

- Not Detected (ND)

200 100 0 200 400 Feet

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Last Edited By: hlapointe

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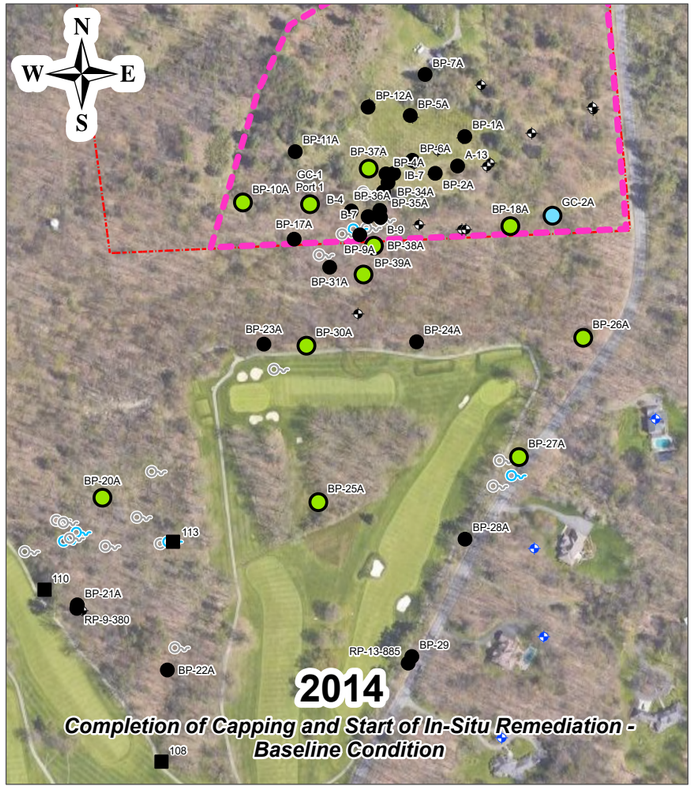

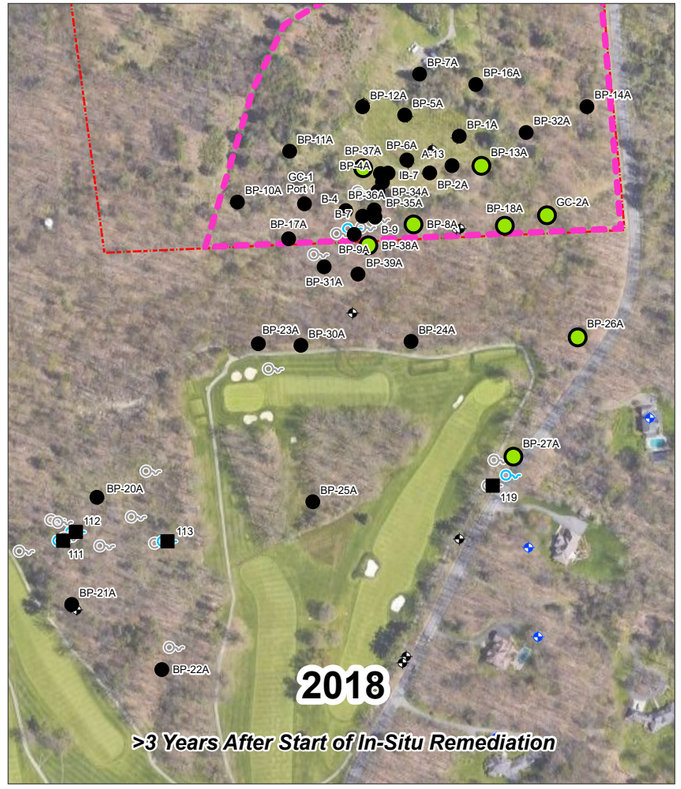

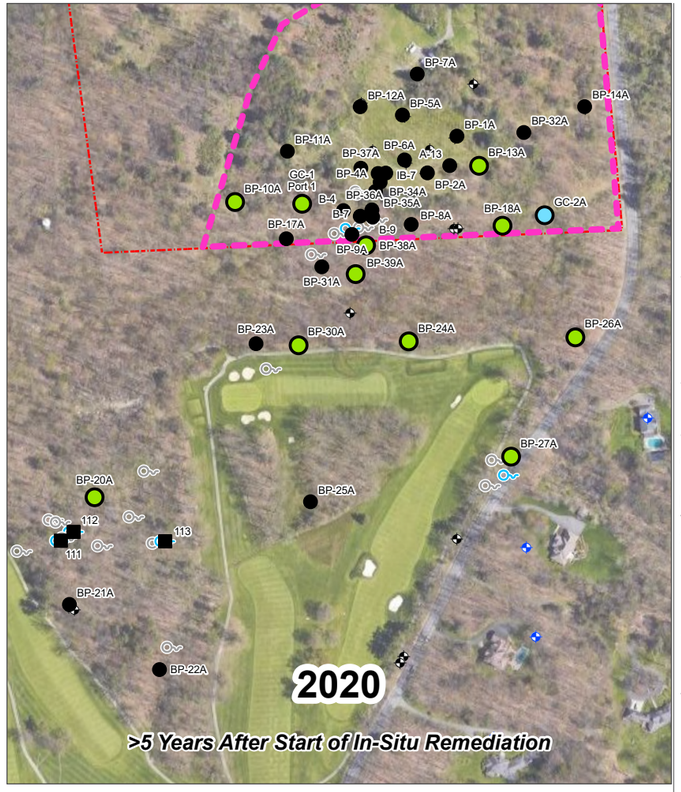

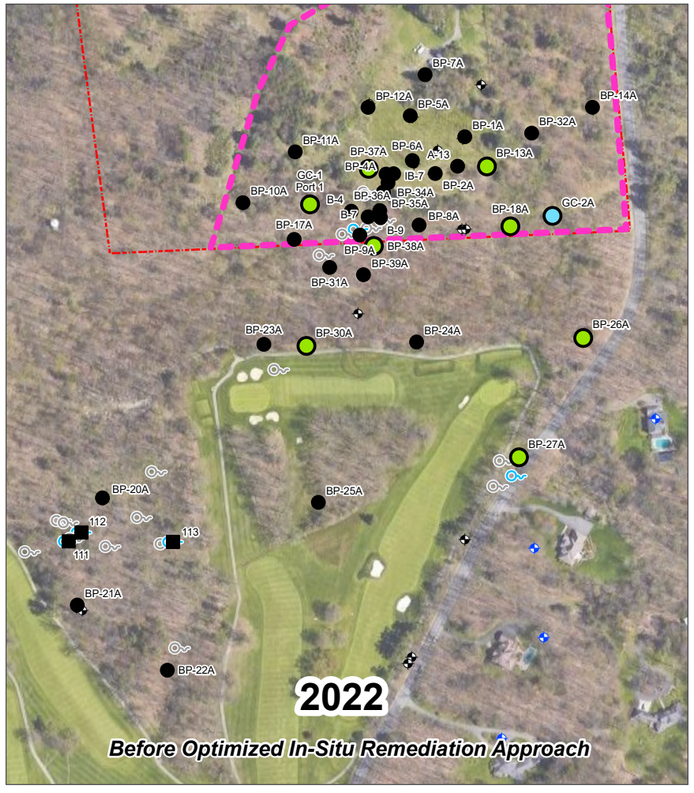

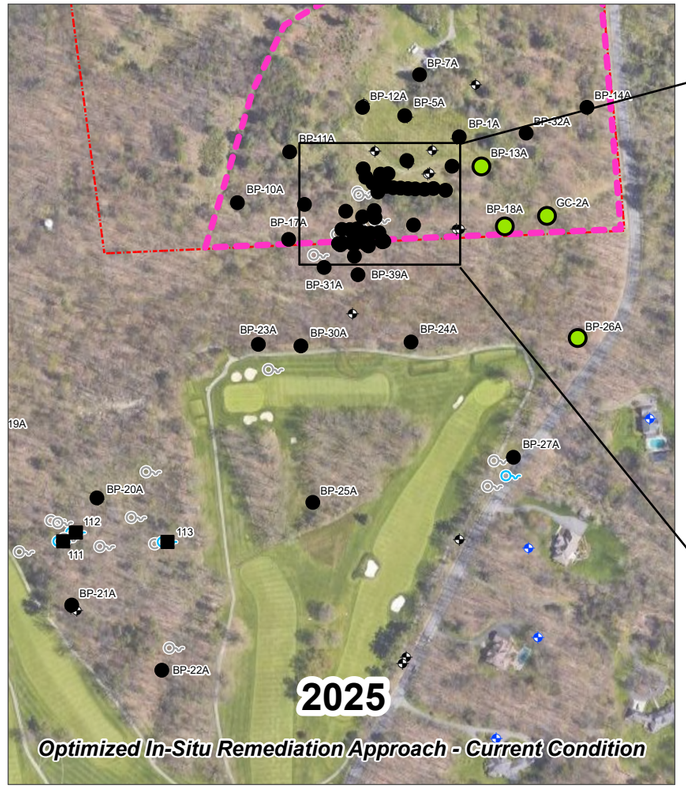

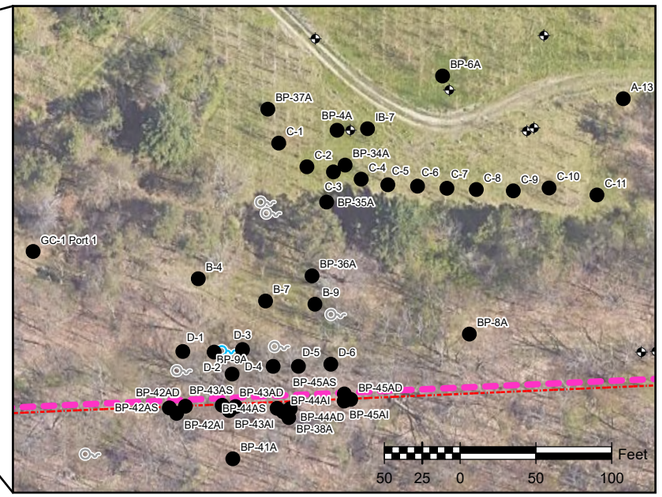

Figure E.6

Evolution of Carbon Tetrachloride Distribution in Groundwater (2014 - 2025)

Voluntary Review of Remediation Performance, 2014 - 2025

Former IBM Gun Club - Former Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Finger
Reviewed By:	B. Green
Project No:	3526.040
Date:	February 2026

Figure Narrative

This figure shows the carbon tetrachloride concentrations in groundwater relative to the NYSDEC GWQS of 5 micrograms per liter (µg/L) per regulation 6 CRR-NY 703.5. Sample rounds from September 2014, June 2018, September 2020, August 2022, and August 2025 are shown.

Notes

1. Aerial imagery provided by Google Earth Pro. (May 2022). Union, New York, USA. 42° 7'49.13"N, 76° 0'20.09"W, Eye alt 6200 feet. [March, 2023].

Legend

- Monitoring Well
- Approximate Location of Residential Water Supply Well
- Seep or Spring Sampling Point
- Seep or Spring Sampling Point Observed during RI - No Longer Sampled or Dry
- Site Boundary (Parcel B)
- Former Property Boundary

Carbon Tetrachloride Concentration in Groundwater (µg/L)

- Not Detected (ND)
- >ND - 5
- >5

Seep Carbon Tetrachloride Concentration (µg/L)

- Not Detected (ND)

Feet
200 100 0 200 400

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Appendix F

Previously Reported Graphical Results

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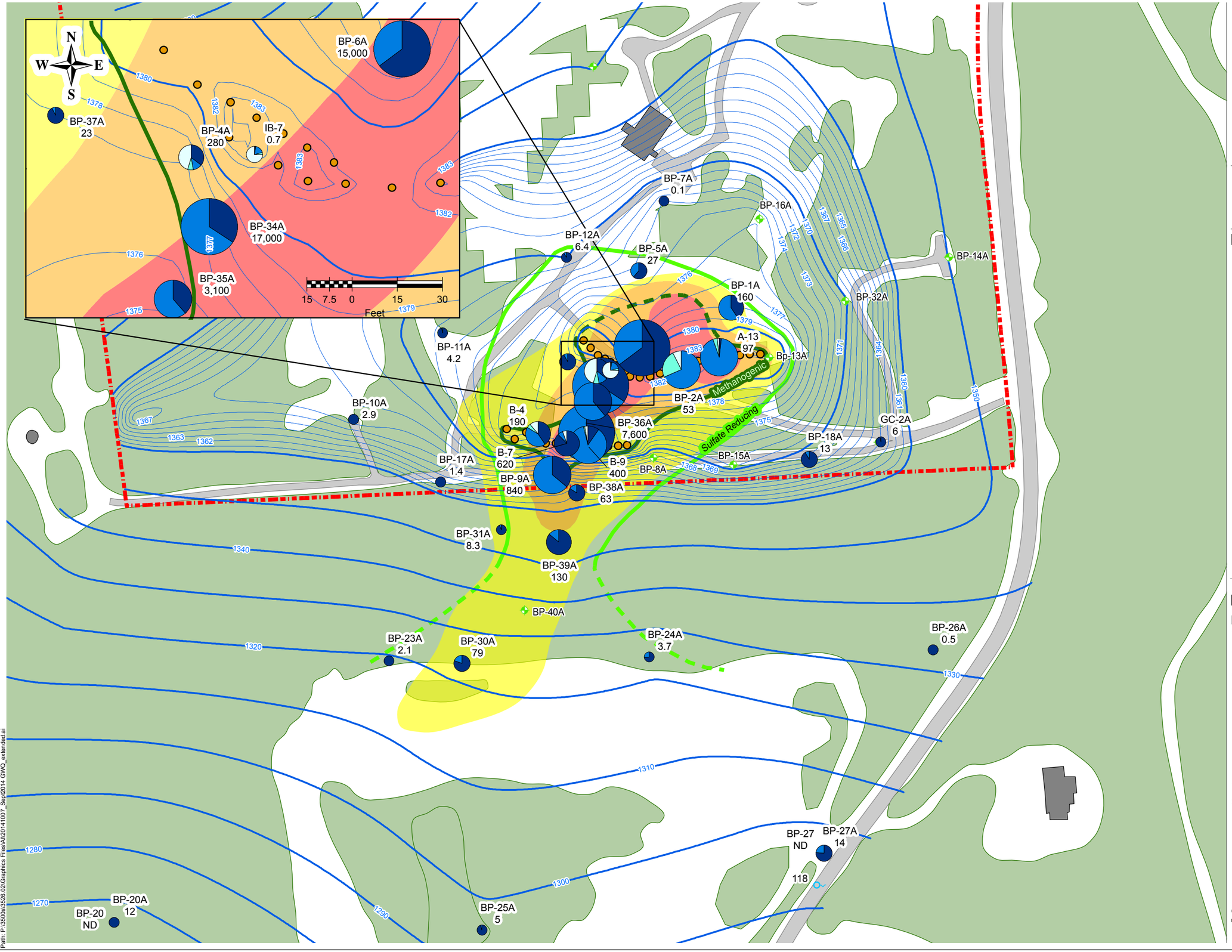

Figure F.1

Summary of September 2014 Groundwater Quality Conditions

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area

Union, New York

Drawn By:	C. LaVack
Designed By:	E. Bradstreet
Reviewed By:	D. Carr
Project No:	3526.02
Date:	October 2014

Figure Narrative

The figure is intended to depict groundwater quality data and inference recorded during the week of September 8, 2014.

The groundwater data for site key VOCs and breakdown products from water table monitoring wells are presented as pie diagrams. The wedges of each pie diagram represent concentrations of the five compounds expressed in micromoles per liter (umol/L). The relative diameter of each pie diagram varies based on the sum of the VOCs at each location.

The inferred geochemical (REDOX) conditions are based on observations of oxidation-reduction potential (ORP), methane, sulfide, ferrous and total iron, and nitrate. Methanogenic conditions are characterized by methane concentrations = 20 µg/L, sulfate reducing by sulfide = 50 µg/L, iron reducing by Fe(II)/Fe(tot) = 0.7 mg/L, and nitrate reduction by nitrate < 1 mg/L. ORP is generally expected to be less than 200 for iron reduction, less than 100 for sulfate reduction, and less than 0 for methanogenic conditions.

Refer to the report text for a discussion on primary and secondary source zones in rock.

Legend

BP-34A
17,000 Well Name and September 2014 TCE Concentrations in Groundwater (µg/L).

Inferred Groundwater Contour 9/8/2014

Methanogenic, Methane >= 20 µg/L

Sulfate Reducing, Sulfide >= 50 µg/L

Parent VOC (Trichloroethene)

Primary Daughter Product (*cis*-1,2DCE)

Secondary Daughter Product (Vinyl Chloride)

Terminal Breakdown Products (Ethane, Ethene)

Total Chlorinated Ethanes & Ethenes in Groundwater (µmol/L)

< 0.1

>0.1 to 1

>1 to 10

>10 to 100

>100

40 20 0 40 80
Feet

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Last Edited By: hpothier

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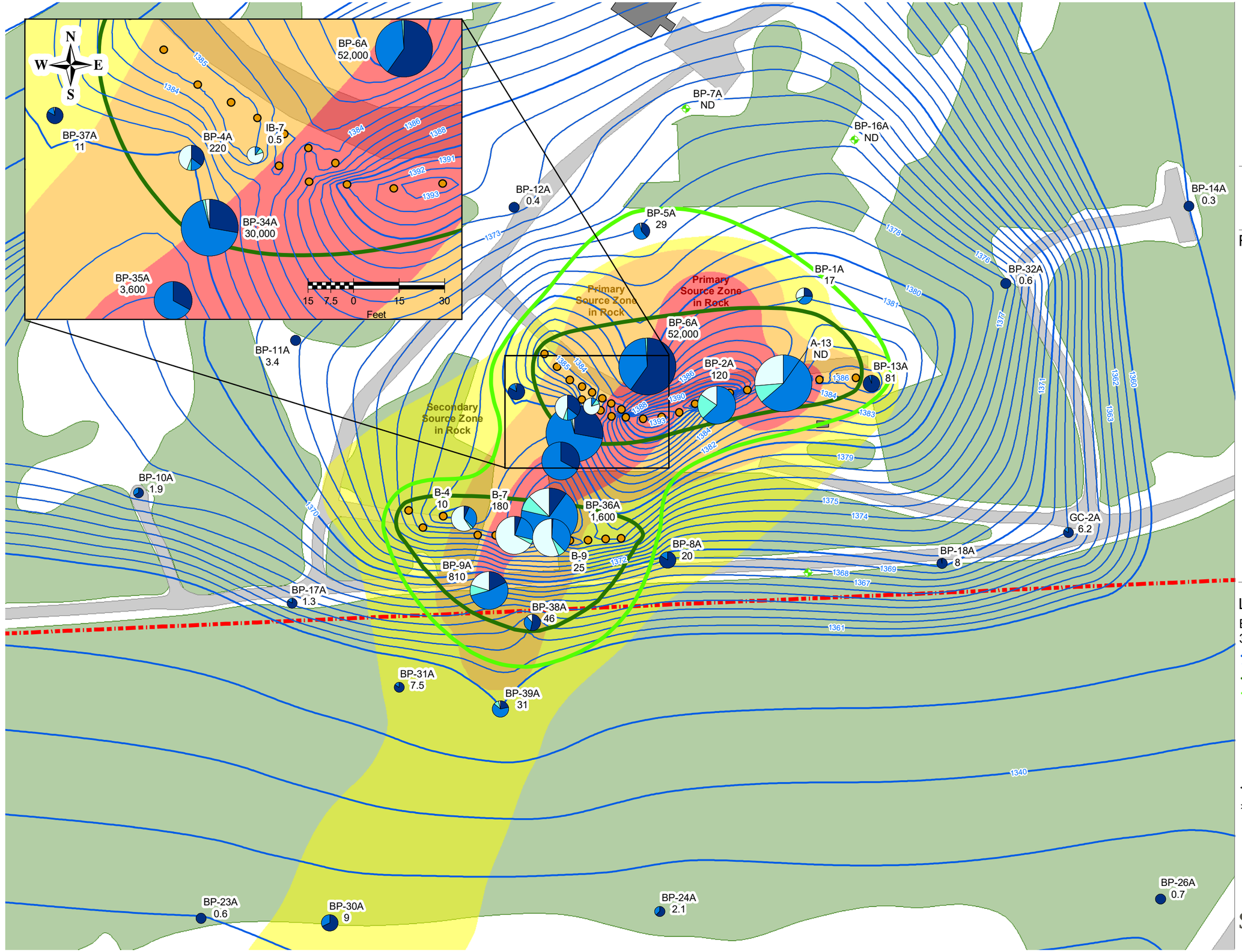

Figure F.2

Summary of June 2018 Groundwater Quality Conditions

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area

Union, New York

Drawn By:	H. Pothier
Designed By:	E. Bosse
Reviewed By:	D. Shea
Project No:	3526.05
Date:	August 2018

Figure Narrative

This figure shows groundwater quality data and inference based on monitoring conducted June 11-12, 2018.

The groundwater data for site key VOCs including TCE, cDCE, vinyl chloride, and ethane/ethene from water table monitoring wells are presented as pie diagrams. The wedges of each pie diagram represent concentrations of the four compounds expressed in micromoles per liter (umol/L). The relative diameter of each pie diagram varies based on the sum of the five VOCs at each location.

The inferred geochemical (REDOX) conditions are based on observations of oxidation-reduction potential (ORP), methane, sulfide, ferrous and total iron, and nitrate. Methanogenic conditions are characterized by methane concentrations ≥ 20 µg/L, sulfate reducing by sulfide ≥ 50 µg/L, iron reducing by Fe(II)/Fe(tot) ≥ 0.7 mg/L, and nitrate reduction by nitrate < 1 mg/L. ORP is generally expected to be less than 200 for iron reduction, less than 100 for sulfate reduction, and less than 0 for methanogenic conditions.

Refer to the report text for further discussion.

Legend

BP-34A
30,000 Well Name and June 2018 TCE Concentrations in Groundwater (µg/L).

Inferred Groundwater Contour June 2018

Inferred Methanogenic Conditions

Inferred Sulfate-Reducing Conditions

Parent VOC (Trichloroethene)

Primary Daughter Product (*cis*-1,2DCE)

Secondary Daughter Product (Vinyl Chloride)

Terminal Breakdown Products (Ethane, Ethene)

Total Chlorinated Ethanes & Ethenes in Groundwater (µmol/L)

< 0.1

>0.1 to 1

>1 to 10

>10 to 100

>100

40 20 0 40 80
Feet

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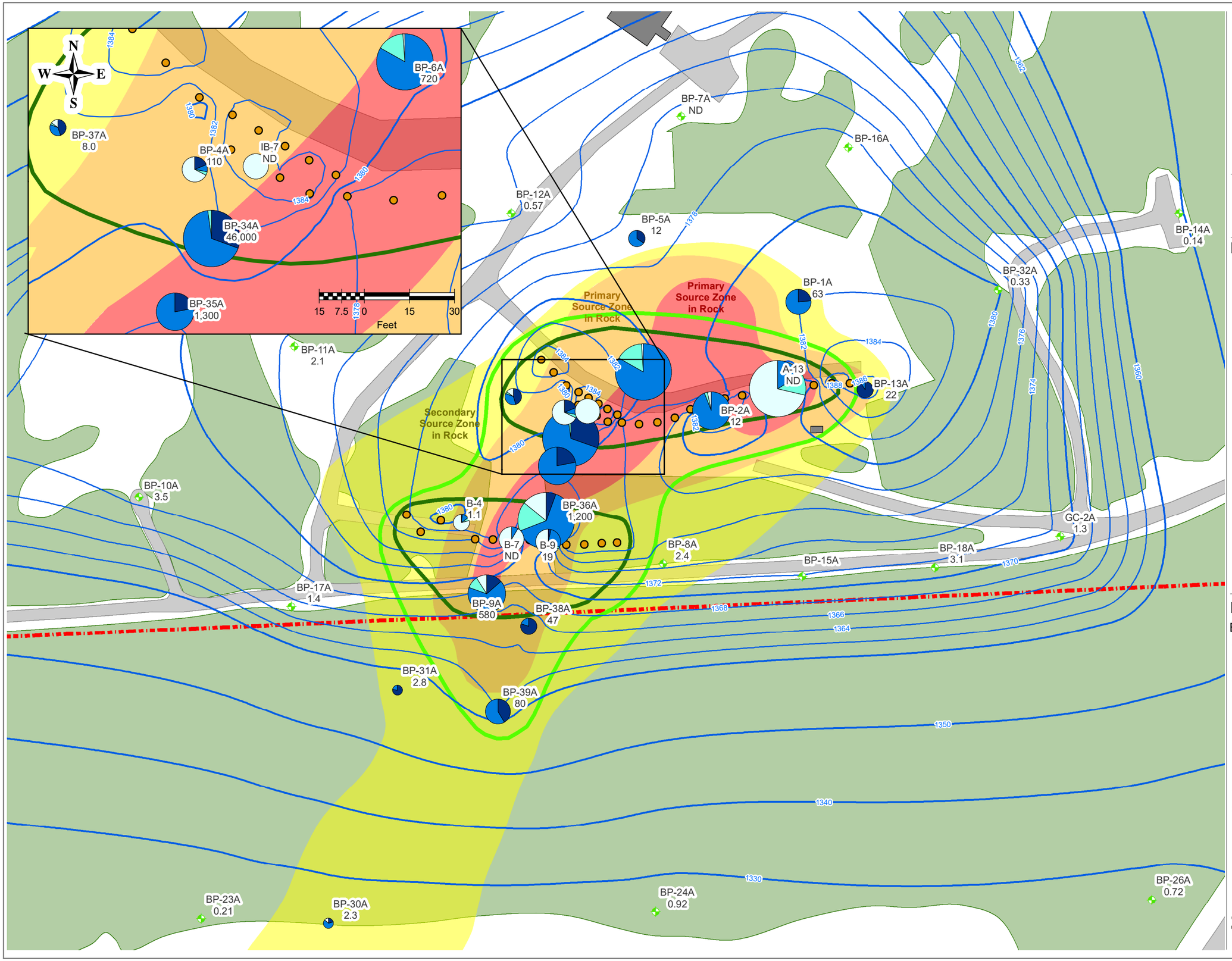

Figure F.3

Summary of September 2020 Groundwater Quality Conditions

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area

Union, New York

Drawn By:	H. Pothier
Designed By:	E. Bosse
Reviewed By:	B. Green
Project No:	3526.05
Date:	November 2020

Figure Narrative

This figure shows groundwater quality data and inference based on monitoring conducted September 8-11, 2020.

The groundwater data for site key VOCs including TCE, cDCE, vinyl chloride, and ethane/ethene from water table monitoring wells are presented as pie diagrams. The wedges of each pie diagram represent concentrations of the four compounds expressed in micromoles per liter (umol/L). The relative diameter of each pie diagram varies based on the sum of the five VOCs and tDCE at each location.

The inferred sulfate-reducing and methanogenic conditions are based on observations of oxidation-reduction potential (ORP), methane, sulfide, ferrous and total iron, and nitrate. Methanogenic conditions are characterized by methane concentrations ≥ 20 µg/L, sulfate reducing by sulfide ≥ 50 µg/L, iron reducing by Fe(II)/Fe(tot) ≥ 0.7 mg/L, and nitrate reduction by nitrate <1 mg/L. ORP is generally expected to be <200 for iron reduction, <100 for sulfate reduction, and <0 for methanogenic conditions. See Figure 3 for geochemical data.

Not all geochemical conditions are satisfied within the areas shown for sulfate-reducing and methanogenic conditions. The inferred areas assume the presence of a transition zone between sulfate-reducing and methanogenic, and the position and size of these zones are based on judgement of the combined data. Other interpretations are possible.

Refer to the report text for further discussion.

Legend

BP-34A 37,000 — Well Name and September 2020 TCE Concentrations in Groundwater (µg/L).

Inferred Groundwater Contour September 2020

Inferred Methanogenic Conditions

Inferred Sulfate-Reducing Conditions

Parent VOC (Trichloroethene)

Primary Daughter Product (*cis*-1,2DCE)

Secondary Daughter Product (Vinyl Chloride)

Terminal Breakdown Products (Ethane, Ethene)

Total Chlorinated Ethanes & Ethenes in Groundwater (µmol/L)

< 0.1

>0.1 to 1

>1 to 10

>10 to 100

>100

40 20 0 40 80

Feet

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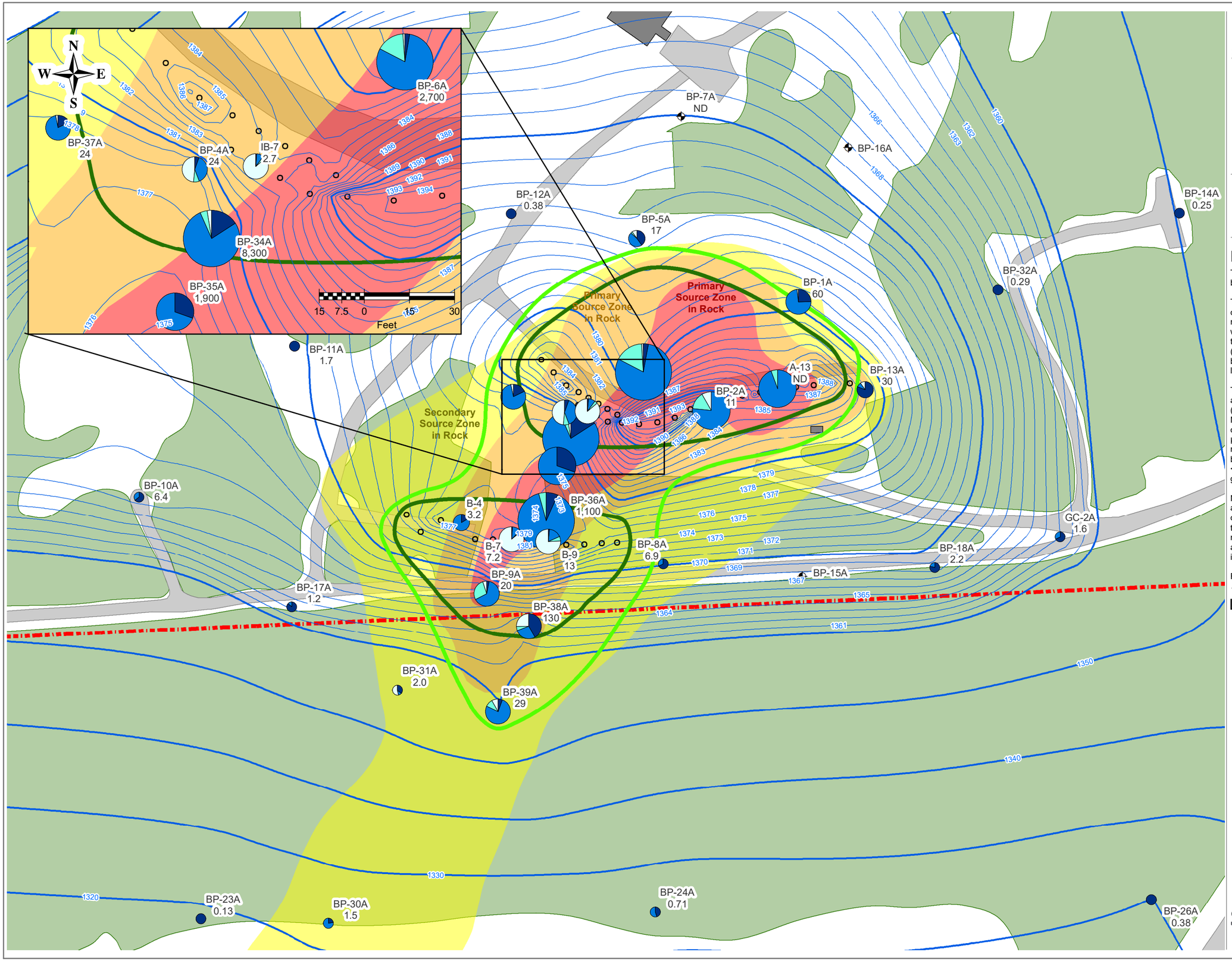

Figure F.4

Summary of August 2022 Groundwater Quality Conditions

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Bosse
Reviewed By:	B. Green
Project No:	3526.05
Date:	October 2022

Figure Narrative

This figure shows groundwater quality data and inference based on monitoring conducted August 2022.

The groundwater data for site key VOCs including TCE, cDCE, vinyl chloride, and ethane/ethene from water table monitoring wells are presented as pie diagrams. The wedges of each pie diagram represent concentrations of the four compounds expressed in micromoles per liter (umol/L). The relative diameter of each pie diagram varies based on the sum of the five VOCs and tDCE at each location.

The inferred sulfate-reducing and methanogenic conditions are based on observations of oxidation-reduction potential (ORP), methane, sulfide, ferrous and total iron, and nitrate. Methanogenic conditions are characterized by methane concentrations ≥ 20 µg/L, sulfate reducing by sulfide ≥ 50 µg/L, iron reducing by Fe(II)/Fe(tot) ≥ 0.7 mg/L, and nitrate reduction by nitrate <1 mg/L. ORP is generally expected to be <200 for iron reduction, <100 for sulfate reduction, and <0 for methanogenic conditions. See Figure 3 for geochemical data.

Not all geochemical conditions are satisfied within the areas shown for sulfate-reducing and methanogenic conditions. The inferred areas assume the presence of a transition zone between sulfate-reducing and methanogenic, and the position and size of these zones are based on judgement of the combined data. Other interpretations are possible.

Refer to the report text for further discussion.

Legend

BP-34A 8,300 Well Name and August 2022 TCE Concentrations in Groundwater (µg/L)

Inferred Groundwater Contour August 2022

Inferred Methanogenic Conditions

Inferred Sulfate-Reducing Conditions

Parent VOC (Trichloroethene)

Primary Daughter Product (*cis*-1,2DCE)

Secondary Daughter Product (Vinyl Chloride)

Terminal Breakdown Products (Ethane, Ethene)

Total Chlorinated Ethanes & Ethenes in Groundwater (µmol/L)

< 0.1

>0.1 to 1

>1 to 10

>10 to 100

>100

40 20 0 40 80 Feet

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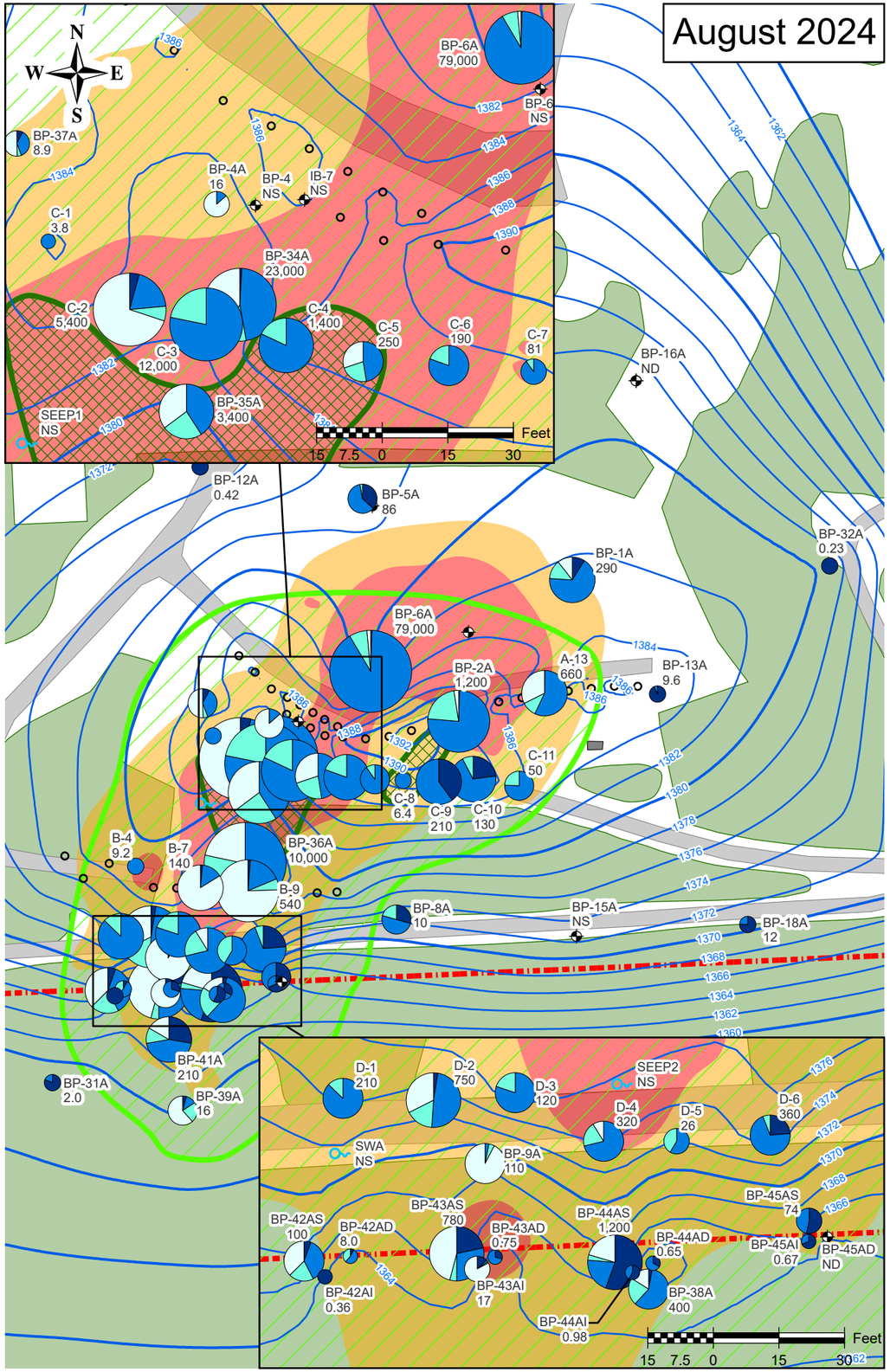

Figure F.5

On-Site Groundwater Quality Conditions - August 2024 & 2025

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area
Union, New York

Drawn By:	M. Gurav
Designed By:	E. Bosse
Reviewed By:	B. Green
Project No:	3526.040
Date:	December 2025

Figure Narrative

This figure shows groundwater quality data and inference based on monitoring conducted August 2024 and 2025.

The groundwater data for site key VOCs including TCE, cDCE, vinyl chloride, and ethane/ethene from water table monitoring wells are presented as pie diagrams. The wedges of each pie diagram represent concentrations of the four compounds expressed in micromoles per liter (umol/L). The relative diameter of each pie diagram varies based on the sum of the above-described CVOCs and ethene/ethane at each location.

The inferred oxidation reduction potential (ORP) inferences are based on ORP measurements collected during groundwater sampling. In general, ORP readings less than 50 mV are considered favorable to reductive dichlorination of CVOCs.

Legend

- Injection Boring
- Monitoring Well
- Seep or Spring Sampling Point
- BP-34A 8,800 — Well Name and August 2025 Total VOCs Concentrations in Groundwater (µg/L)
- Inferred Groundwater Contour August 2025
- Inferred ORP Readings <-100 mV
- Inferred ORP Readings <50 mV
- Former Site Boundary
- >1 mg/kg Total CVOCs / >10 mg/kg Total CVOCs — Primary Source Zone in Rock
- < 0.1, >0.1 to 1, >1 to 10, >10 to 100, >100 — Total Chlorinated VOC and Ethane/Ethene Concentration in Groundwater (µmol/L)
- Parent VOC (Trichloroethene)
- Primary Daughter Product (*cis*-1,2-DCE)
- Secondary Daughter Product (Vinyl Chloride)
- Terminal Breakdown Products (Ethane, Ethene)

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Clear Labels

TOC

Total VFA

pH

FeII

Methane

Sulfide

ORP

DO

Ene + Ane

Figure F.6

September 2014 Assessment of Reducing Conditions

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area

Union, New York

Drawn By:	S. Warner
Designed By:	E. Bradstreet
Reviewed By:	D. Carr
Project No:	3526.02
Date:	October, 2014

Figure Narrative

This figure is intended to assess multiple lines of evidence to assess what proportion of the primary and secondary source rock are under sulfate reducing and methanogenic conditions.

Posted data is from the September 2014 sampling round.

Legend

DO mg/L	>5	2-5	<=2
ORP mV	>100	0-100	<=0
Sulfide µg/L	<10	10-50	>=50
Methane µg/L	<0.5	0.5-20	>=20
FeII mg/L	<1		>=1
pH SU	6.3-7.5		<6.3 or >7.5
Total VFA mg/L	<1		>=1
TOC mg/L	<4		>=4
Ethane + Ethene µg/L	<10	10-50	>=50

60 30 0 60 120

Feet

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Last Edited By: hpothier

Path: P:\3500\p3526.02\Graphics Files\GIS\Figures\June2018 GeoChem Redox.mxd

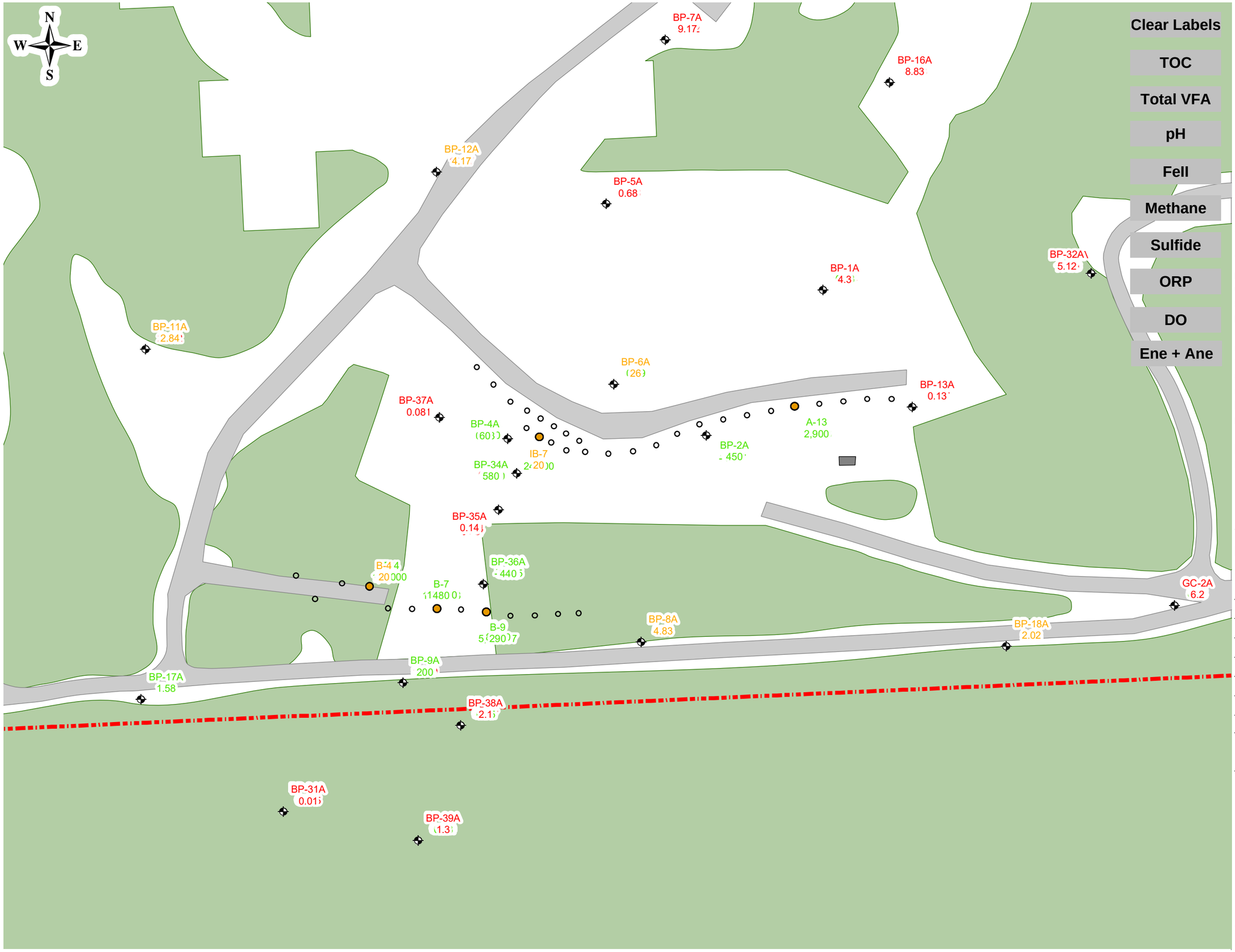

Figure F.7

June 2018 Assessment of Reducing Conditions

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area

Union, New York

Drawn By:	H. Pothier
Designed By:	E. Bosse
Reviewed By:	D. Shea
Project No:	3526.05
Date:	August 2018

Figure Narrative

This figure is intended to assess multiple lines of evidence to assess what proportion of the primary and secondary source rock are under sulfate reducing and methanogenic conditions. Green labels indicate conditions conducive to reductive dehalogenation. Orange labels indicate reductive dehalogenation may be possible, but conditions are less conducive. Red labels indicate conditions where reductive dehalogenation is less likely.

Posted data is from the June 2018 sampling round.

Legend

DO mg/L	>5	2-5	<=2
ORP mV	>100	0-100	<=0
Sulfide µg/L	<10	10-50	>=50
Methane µg/L	<0.5	0.5-20	>=20
FeII mg/L	<1		>=1
pH SU	<6.3 or >7.5		6.3-7.5
Total VFA mg/L	<1		>=1
TOC mg/L	<4		>=4
Ethane + Ethene µg/L	<10	10-50	>=50

30 15 0 30 60

Feet

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Last Edited By: hpothier

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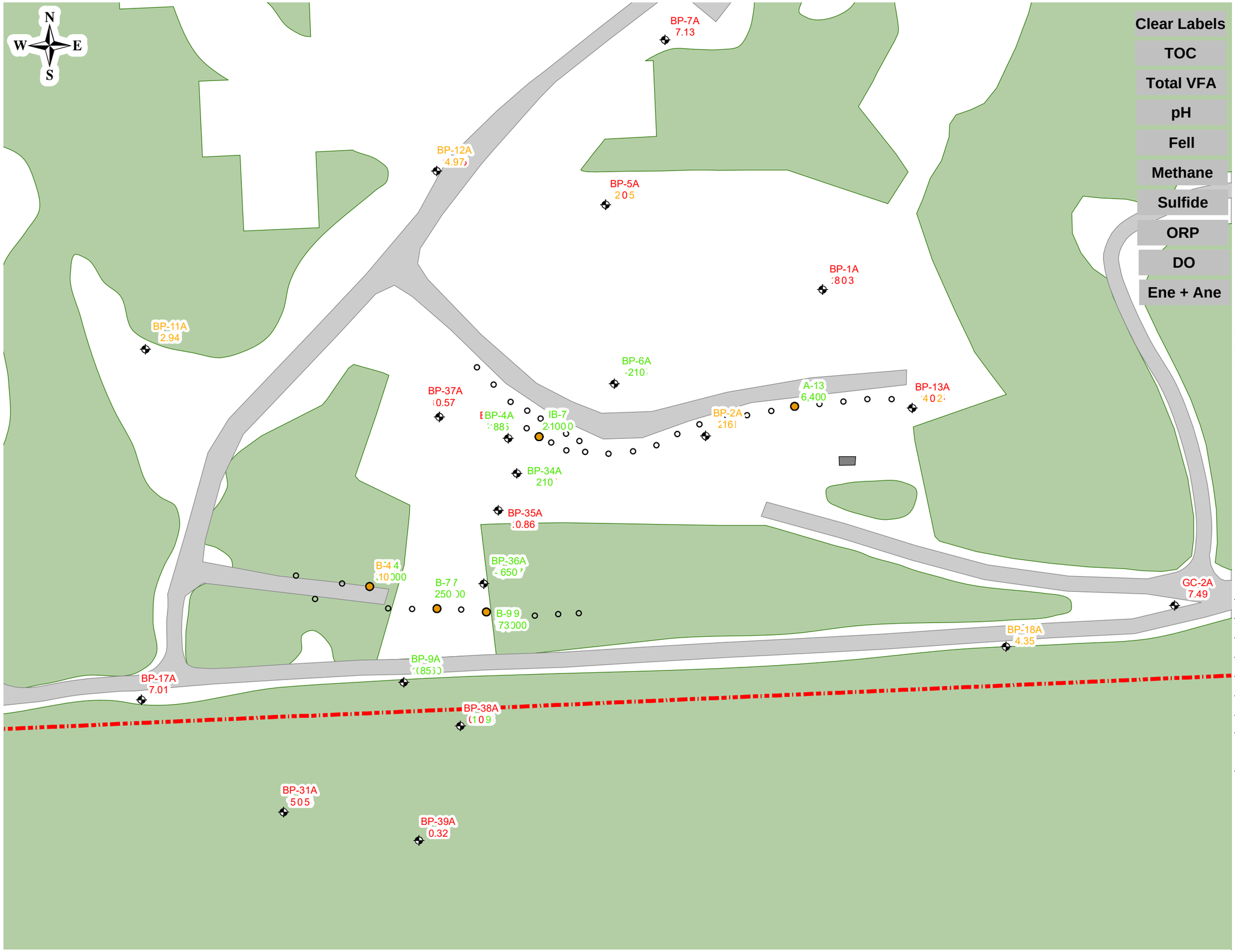

Figure F.8

September 2020 Assessment of Reducing Conditions

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area

Union, New York

Drawn By:	H. Pothier
Designed By:	E. Bosse
Reviewed By:	B. Green
Project No:	3526.05
Date:	November 2020

Figure Narrative

This figure supports a multiple lines of evidence assessment of what proportion of the primary and secondary source rock are under sulfate reducing and methanogenic conditions. Green labels indicate conditions conducive to reductive dehalogenation. Orange labels indicate reductive dehalogenation may be possible, but conditions are less conducive. Red labels indicate conditions where reductive dehalogenation is less likely.

Posted data is from the April 2020 sampling round.

Legend

DO mg/L	>5	2-5	<=2
ORP mV	>100	0-100	<=0
Sulfide µg/L	<10	10-50	>=50
Methane µg/L	<0.5	0.5-20	>=20
FeII mg/L	<1		>=1
pH SU	<6.3 or >7.5		6.3-7.5
Total VFA mg/L	<1		>=1
TOC mg/L	<4		>=4
Ethane + Ethene µg/L	<10	10-50	>=50

30 15 0 30 60

Feet

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Last Edited By: hlapointe

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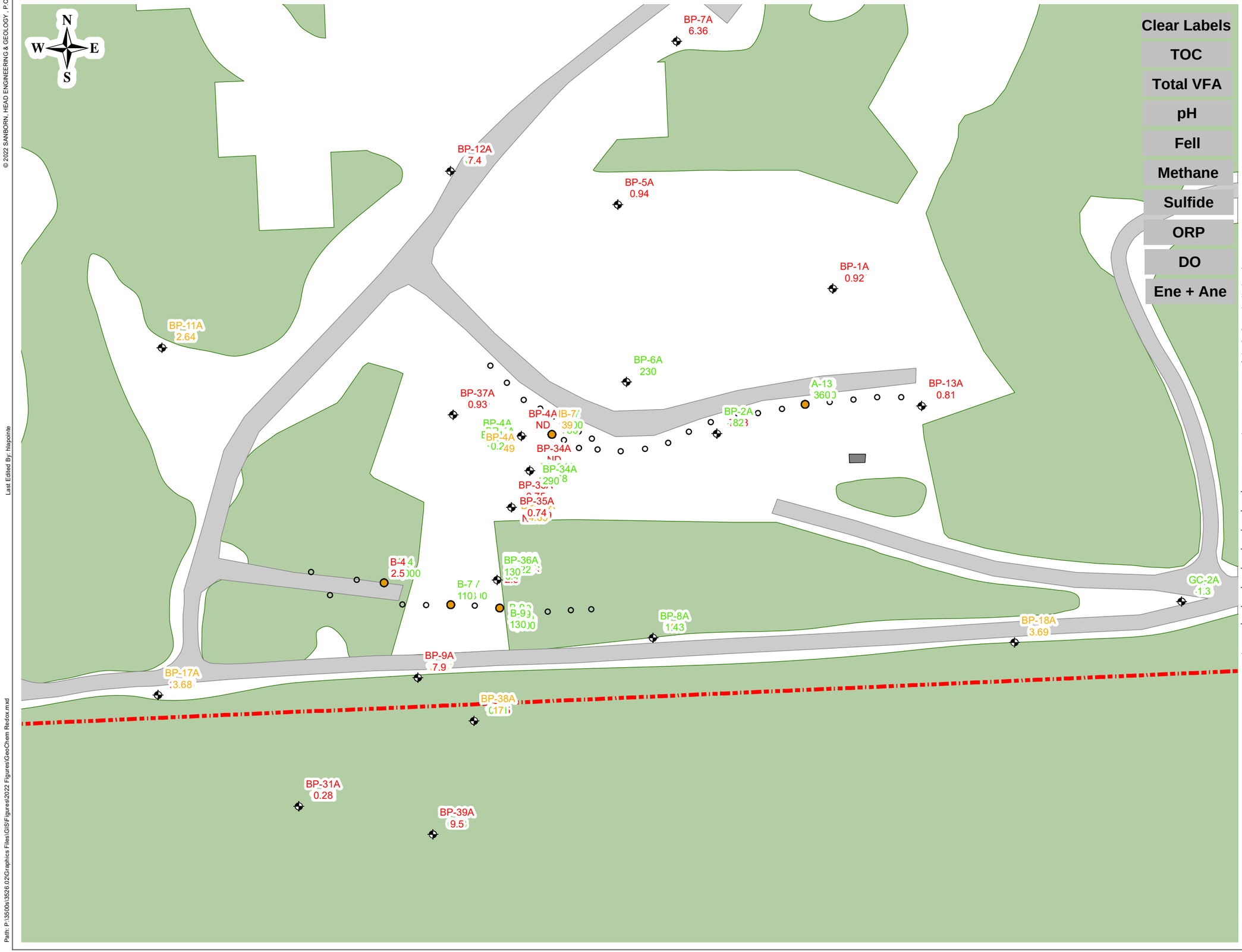

Figure F.9

August 2022 Assessment of Reducing Conditions

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Bosse
Reviewed By:	B. Green
Project No:	3526.05
Date:	October 2022

Figure Narrative

This figure supports a multiple lines of evidence assessment of what proportion of the primary and secondary source rock are under sulfate reducing and methanogenic conditions. Green labels indicate conditions conducive to reductive dehalogenation. Orange labels indicate reductive dehalogenation may be possible, but conditions are less conducive. Red labels indicate conditions where reductive dehalogenation is less likely.

Posted data is from the August 2022 sampling round.

Legend

DO mg/L	>5	2-5	<=2
ORP mV	>100	0-100	<=0
Sulfide µg/L	<10	10-50	>=50
Methane µg/L	<0.5	0.5-20	>=20
Fe(II) mg/L	<1		>=1
pH SU	<6.3 or >7.5		6.3-7.5
Total VFA mg/L	<1		>=1
TOC mg/L	<4		>=4
Ethane + Ethene µg/L	<10	10-50	>=50

30 15 0 30 60 Feet

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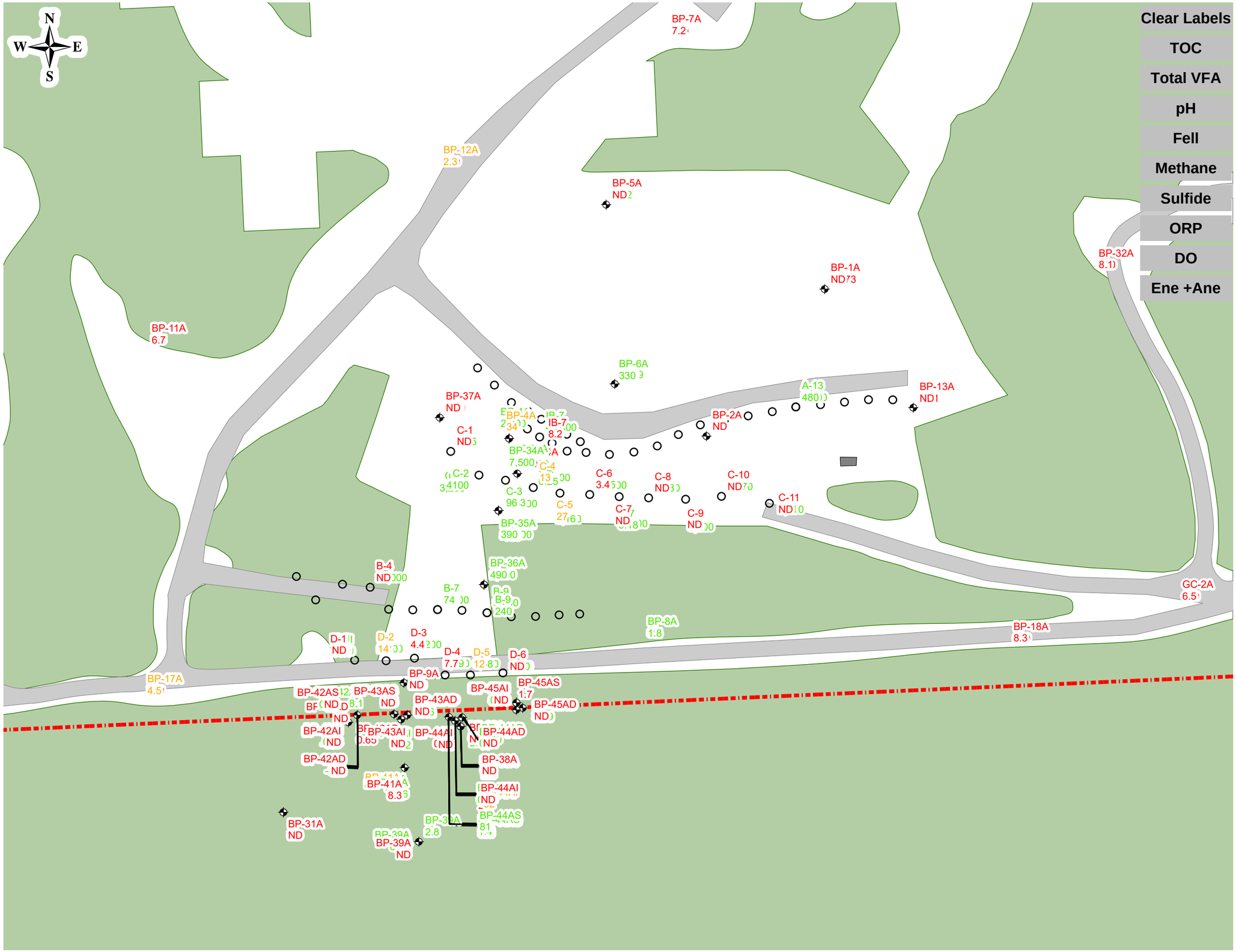

Figure F.10

Assessment of Geochemical Conditions- August 2025

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area
Union, New York

Drawn By:	Hannah L./ M. Gurav
Designed By:	E. Bosse
Reviewed By:	B. Green
Project No:	3526.040
Date:	December 2025

Figure Narrative

This interactive figure summarizes the results from multiple geochemical parameters. Green labels indicate conditions conducive to reductive dehalogenation. Orange labels indicate reductive dehalogenation may be possible, but conditions are less conducive. Red labels indicate conditions where reductive dehalogenation is less likely.

Posted data is from the August 2025 sampling round.

Legend

DO mg/L	>5	2-5	<=2
ORP mV	>50	50- −100	<=−100
Sulfide µg/L	<10	10-50	>=50
Methane µg/L	<0.5	0.5-20	>=20
Fe(II) mg/L	<1		>=1
pH SU	<5 or >9	5-6 or 8-9	6.0-8.0
Total VFA mg/L	<1		>=1
TOC mg/L	<4	4-20	>=20
Ethane + Ethene µg/L	<10	10-50	>=50

Injection Boring

Monitoring Well

Former Site Boundary

30 15 0 30 60 Feet

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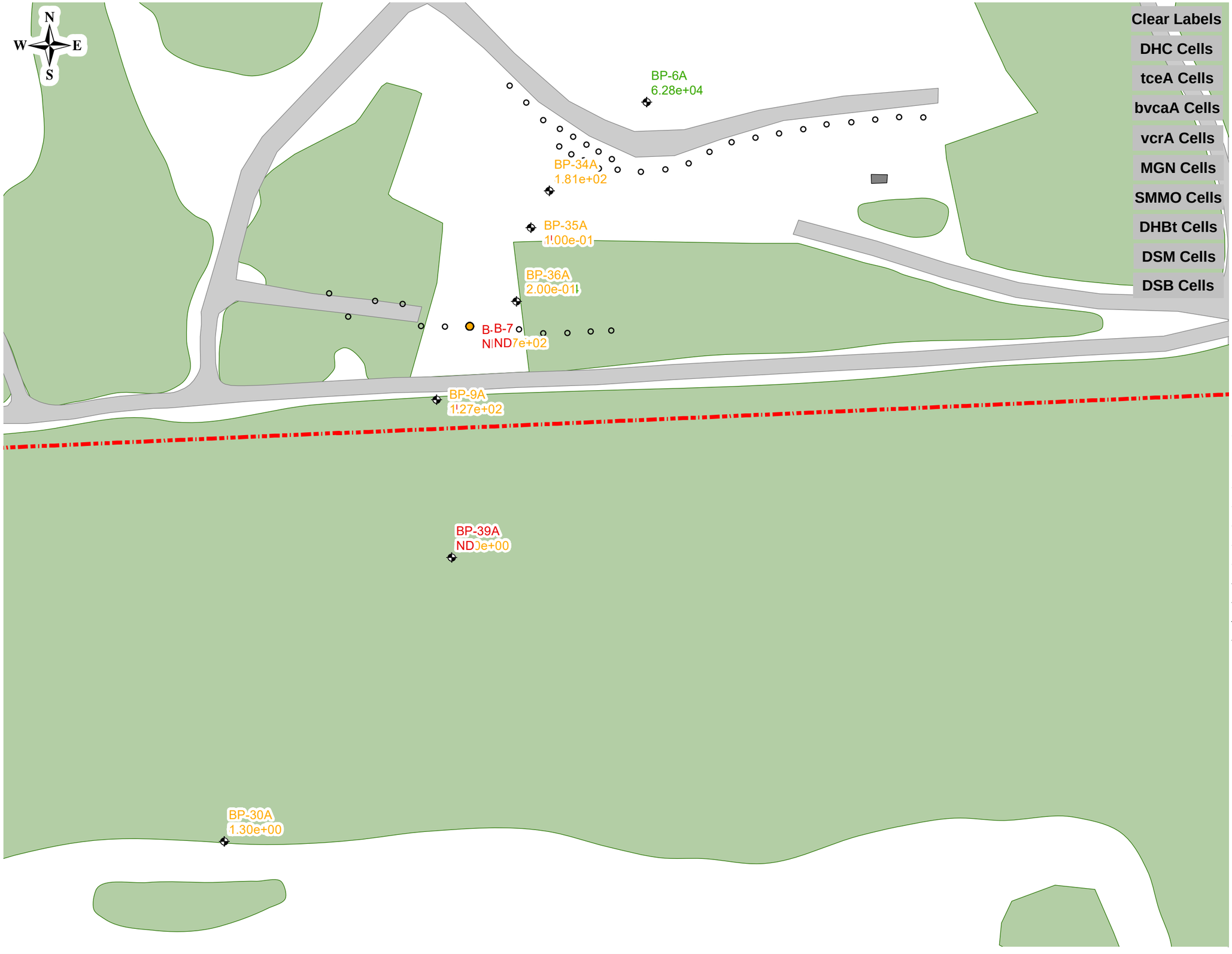

Figure F.11

September 2020 Summary of qPCR

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area

Union, New York

Drawn By:	H. Pothier
Designed By:	E. Bosse
Reviewed By:	B. Green
Project No:	3526.05
Date:	November 2020

Figure Narrative

This figure summarizes the results from analysis of Dehalococcoides (DHC) bacteria and functional genes to support a multiple lines of evidence assessment of reductive dehalogenation. Green labels indicate concentrations thought to be highly conducive to reductive dehalogenation. Orange labels indicate reductive dehalogenation is possible, but levels are less conducive. Red labels indicate conditions where there is limited or no evidence for reductive dehalogenation. Methanogens (MGN) are competitor microbes, where green indicates no methanogens were detected and red indicates their presence.

Legend

DHC (cells/mL)	$> 10^1$	10^1 - 10^4	$> 10^4$
tceA (cells/mL)	ND	ND - 10^7	$> 10^7$
bvcaA (cells/mL)	ND	ND - 10^7	$> 10^7$
vcrA (cells/mL)	ND	ND - 10^7	$> 10^7$
MGN (cells/mL)	>ND	-	ND
SMMO (cells/mL)	ND	ND - 10^7	$> 10^7$
DHBt (cells/mL)	ND	ND - 10^4	$> 10^4$
DSM (cells/mL)	ND	ND - 10^4	$> 10^4$
DSB (cells/mL)	ND	ND - 10^4	$> 10^4$

DHC = *Dehalococcoides*

tceA = TCE reductase

bvcaA = BAV1 vinyl chloride reductase

vcrA = Vinyl chloride reductase

MGN = Methanogens

SMMO = Soluble Methane Monooxygenase

DHBt = Dehalobacter spp.

DSM = Desulfitobacterium spp.

DSB = Desulfuromonas spp.

30 15 0 30 60

Feet

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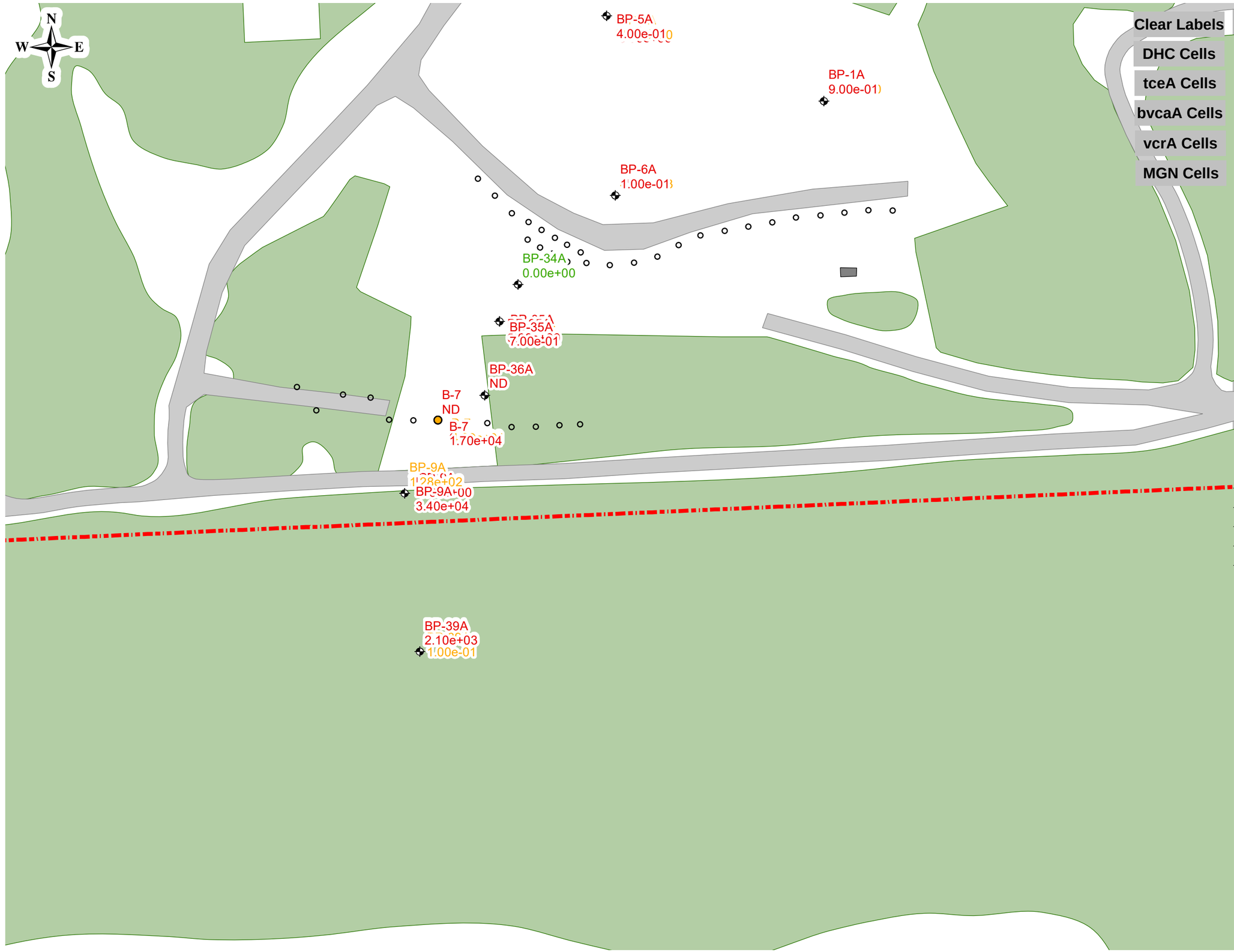

Figure F.12

August 2022 Summary of qPCR

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area

Union, New York

Drawn By:	H. LaPointe
Designed By:	E. Bosse
Reviewed By:	B. Green
Project No:	3526.05
Date:	October 2022

Figure Narrative

This figure summarizes the results from analysis of Dehalococcoides (DHC) bacteria and functional genes to support a multiple lines of evidence assessment of reductive dehalogenation. Green labels indicate concentrations thought to be highly conducive to reductive dehalogenation. Orange labels indicate reductive dehalogenation is possible, but levels are less conducive. Red labels indicate conditions where there is limited or no evidence for reductive dehalogenation. Methanogens (MGN) are competitor microbes, where green indicates no methanogens were detected and red indicates their presence.

Legend

DHC (cells/mL)	$< 10^1$	10^1 - 10^4	$> 10^4$
tceA (cells/mL)	ND	ND - 10^7	$> 10^7$
bvcaA (cells/mL)	ND	ND - 10^7	$> 10^7$
vcrA (cells/mL)	ND	ND - 10^7	$> 10^7$
MGN (cells/mL)	>ND	-	ND

DHC = *Dehalococcoides*

tceA = TCE reductase

bvcaA = BAV1 vinyl chloride reductase

vcrA = Vinyl chloride reductase

MGN = Methanogens

SMMO = Soluble Methane Monooxygenase

DHBt = Dehalobacter spp.

DSM = Desulfitobacterium spp.

DSB = Desulfuromonas spp.

30 15 0 30 60 Feet

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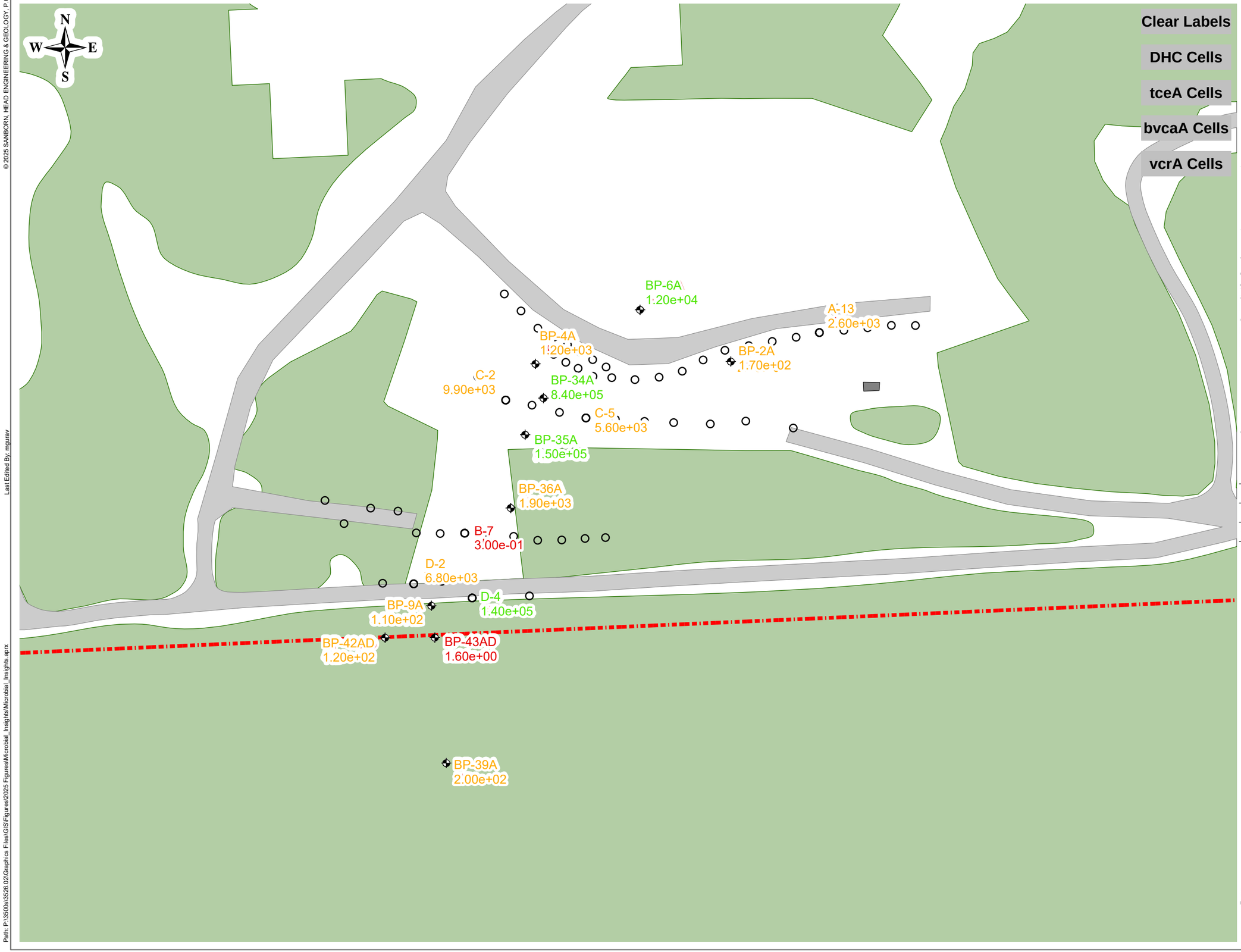

Clear Labels

DHC Cells

tceA Cells

bvcaA Cells

vcrA Cells

Figure F.13

Groundwater qPCR Results- August 2025

Voluntary Remediation Performance Review, 2014 - 2025

Former IBM Gun Club - Burn Pit Area
Union, New York

Drawn By:	Hannah L./ M. Gurav
Designed By:	E. Bosse
Reviewed By:	B. Green
Project No:	3526.040
Date:	December 2025

Figure Narrative

This figure summarizes the results from analysis of Dehalococcoides (DHC) bacteria and functional genes to support a multiple lines of evidence assessment of reductive dehalogenation. Green labels indicate concentrations thought to be highly conducive to reductive dehalogenation. Orange labels indicate reductive dehalogenation is possible, but levels are less conducive. Red labels indicate conditions where there is limited or no evidence for reductive dehalogenation.

Legend

DHC (cells/mL)	$< 10^1$	10^1 - 10^4	$> 10^4$
tceA (cells/mL)	ND	ND - 10^7	$> 10^7$
bvcaA (cells/mL)	ND	ND - 10^3	$> 10^3$
vcrA (cells/mL)	ND	ND - 10^3	$> 10^3$

DHC = *Dehalococcoides*
tceA = TCE reductase
bvcaA = BAV1 vinyl chloride reductase
vcrA = Vinyl chloride reductase

- Injection Boring
- Monitoring Well
- Former Site Boundary

30 15 0 30 60 Feet

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