



# Long-term Stewardship Program 2025 Five-Year Monitoring Report

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# Long-term Stewardship Program 2025 Five-Year Report

US Ecology, Sheffield, IL

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## 1 Summary

This Long-term Stewardship Program (LTSP) Five-year report provides a summary of the groundwater monitoring events and other site stewardship activities that took place in 2025 at US Ecology's closed Sheffield facility. This report was prepared referencing for the 2020 USEPA AOC for long-term site stewardship.

The 2025 analytical results indicated contaminants of concern (COCs) did not migrate to the boundary wells. Cis-1,2-dichloroethene (cis-1,2-DCE) was detected in Trout Lake but not at a concentration exceeding the Region 4 freshwater screening levels. The results of groundwater samples collected within the known plume and downgradient areas indicate continued declines in concentrations over time, particularly in the last 10 to 15 years. Exceedances of Region 4 surface water screening levels were limited to tetrachloroethene (PCE) in boundary well G148 and plume well G168 (spring and fall); benzene, PCE and trichloroethene (TCE) in plume well G547 (spring and fall). Guard well G600 was dry in spring and fall 2025.

## 2 Site Background

The US Ecology Sheffield site is a 46-acre permitted hazardous waste facility that operated from 1968 to 1983 (Figure 1, Vicinity Map). The facility includes two hazardous waste landfills referred to as the Old Chem Site and New Chem Site (Figure 2, Site Layout). A closed 20-acre, low-level radioactive waste (LLRW) facility owned and monitored by the state of Illinois is adjacent to the facility and lies within the property owned by US Ecology but is not considered as a part of this LTSP. During operations, the US Ecology facility accepted industrial, laboratory and agricultural hazardous wastes. Approximately 165,000 cubic yards (cy) of waste were reportedly disposed at the two landfills (93 percent at the New Chem Site). The Old Chem Site consists of six disposal trenches covering about 6 acres. The New Chem Site consists of 19 clay-lined burial cells covering approximately 40 acres.

### 2.1 Corrective Action

In 1985, the facility was subject to an AOC administered by the USEPA under the Resource Conservation and Recovery Act (RCRA). The AOC required (1) investigation of potential site releases that could adversely affect human or environmental health through exposure to hazardous contaminants (primarily volatile organic compounds [VOCs]); (2) evaluation of alternatives to address exposure pathways; and (3) implementation of corrective actions that would protect people and the environment.

Subsequent corrective actions included containment of remaining on-site waste, and groundwater extraction and treatment to address a contaminated groundwater plume in the shallow aquifer beneath the facility. To contain the waste, portions of the landfill were isolated by constructing subsurface barrier walls to divert groundwater away from the cells, followed by capping the landfill surface in 1994. After the initial source control actions, additional groundwater remediation systems were installed in several phases including groundwater extraction and treatment, and in situ treatment by an air-

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sparging/soil vapor-extraction (AS/SVE) system. Various modifications were made to the remediation systems over the years to optimize performance. In 2006, an injection system was added around some of the AS/SVE wells to further degrade VOC compounds present in groundwater. In 2009, an AS/SVE system was installed to address ongoing regulatory exceedances in seeps along the north side of the landfill.

US Ecology applied for a post-closure permit with IEPA on October 24, 2008. IEPA and USEPA agreed that all future post-closure activities would be carried out under the 1985 USEPA AOC (January 21, 2010, correspondence from USEPA); however, IEPA issued a post-closure permit to US Ecology on March 18, 2010. The IEPA permit required preparation of a post-closure plan for the site and ongoing environmental monitoring for at least 30 years from the September 30, 1996, closure certification date. The IEPA permit also required the facility to follow the post-closure plan associated with the September 30, 1985, AOC between USEPA and US Ecology.

The post-closure groundwater and surface water monitoring program was approved by the USEPA on July 1, 2009, following inclusion of additional groundwater monitoring wells identified in USEPA's response-to-comments (RTC) document for the facility dated October 1990 (Figure 3 shows the groundwater monitoring wells sampled under the post-closure plan). This program has been conducted from 2009 to 2020 and forms the basis of the post-closure plan also required under the IEPA permit.

More than 25 years of groundwater monitoring data have been collected since the initial remedial systems were installed, with VOCs comprising the primary COCs. VOC concentrations have declined over time, demonstrating that natural attenuation is occurring, and leading to decommissioning of the on-site wastewater treatment plant in 2013. Other treatment systems were decommissioned as corrective action goals were achieved.

Investigations of site-specific geological conditions have shown the shallow, contaminated aquifer is sufficiently isolated from the deeper water-bearing zone, which provides regional drinking water. Site hydrogeology is well known with most of the shallow groundwater discharging to a local surface water feature (Trout Lake) formed by historical coal mining activity (see Section 3.2 below). Surface water monitoring results have shown the contaminated groundwater plume is not impacting Trout Lake, which serves as the point of compliance (POC) for the LTSP.

In 2019 and 2020, a conceptual site model (CSM) and LTSP were prepared at USEPA's request for the Sheffield facility to support USEPA decisions regarding long-term site management (GeoEngineers 2019; GeoEngineers 2020). Based on information presented in the CSM and LTSP, an AOC was filed by the USEPA that will govern the long-term care of the facility.

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### **2.2 Long-term Stewardship Program**

The Long-term Stewardship Plan (GeoEngineers 2020) incorporates environmental monitoring, inspection of engineering controls and certifying institutional controls to ensure continued performance and site integrity. The results of these activities are the basis for this report. Environmental monitoring is conducted to demonstrate the effectiveness of existing source controls and support site management decisions regarding performance. Inspections, maintenance, and minor repairs are performed to maintain site integrity. Deed restrictions have been filed with the county to ensure the continued land use associated with the landfill. This is the first LTSP Five-year Cycle review. The Five-year Cycle includes regular LTSP sampling requirements plus the monitoring of six additional monitoring wells (G142, G148, G149, G155, G156 and G192).

## **3 Site Geology and Hydrogeology**

### **3.1 Geology**

The facility is located on the northwestern margin of the Till Plains Section of the Central Lowlands physiographic province in Illinois. The Till Plains Section is composed of multiple Pleistocene epoch glacial ice sheet advances and retreats that scoured underlying bedrock and deposited till as terminal and ground moraines with subsequent outwash plains. Surficial geologic maps indicate Pleistocene aeolian silts and fine sand overlay clay, silt, and pebble till derived from ground moraines; outwash sands cap the local area. The loess and glacial deposits lie unconformably over shale and sandstone with thin coal seams and limestone beds.

Though that portion of the site occupied by the landfill area is generally undisturbed, much of the adjacent area had been surface mined for coal and backfilled with mine spoils in the 1940s and early 1950s. The approximately 23-acre Trout Lake originated as a surface mining pit. The mine spoils consist of intermixed glacial deposits and bedrock.

Site boring logs indicate loess, glacial till, glacial outwash sand and gravel, and lacustrine material underly the site. Fill material, derived from surface mining, as well as landfill capping material was also present.

### **3.2 Site Hydrogeology**

Prior to area surface mining in the late 1920s and early 1930s, surface water at the site drained to the northeast through an unnamed tributary to Lawson Creek, which currently drains to the north. Upon conclusion of surface mining activity, the tributary drainage was captured by the pit that became Trout Lake. Additionally, ponds and lakes originating as surface mine pits currently receive groundwater discharge in the vicinity of the facility. Trout Lake is impounded by an earthen dam to the east that maintains the pool elevation at approximately 698 to 700 feet above mean sea level (MSL). The dam does not have a control gate and seasonal runoff can overtop the dam, with excess water discharging into a small ephemeral drainage and ultimately, either infiltrating to groundwater or into Lawson Creek.

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Groundwater lies within three hydrogeologic systems in the area: (1) a deep principal regional aquifer, (2) a Pennsylvanian bedrock aquifer and (3) an uppermost unconfined aquifer within unconsolidated glacial deposits. Groundwater flow beneath the facility is impacted by unconsolidated material heterogeneity, complex bedrock vertical joints and horizontal bedding planes, as well as irregular surface topography, and interference from engineered barriers and nearby surface water bodies.

Groundwater flow in the shallow unconfined aquifer is generally to the north-northeast and then east toward Trout Lake. However, subsurface barrier walls designed to isolate waste disposal trenches from groundwater flow-through were installed in the 1990s around the Old Chem Site and portions of the New Chem Site. The barrier walls were installed from roughly ground surface to bedrock. The barrier walls disrupt the north-northeasterly groundwater flow, diverting it to the east and northwest, creating a broad flattening of the groundwater gradient to the north of the landfill facility. The barrier walls do not affect local groundwater flow in the deep aquifer. Maps showing groundwater isometric contours in the shallow and deep aquifers are presented in Figures 4 through 7.

### **4 Groundwater and Surface Water Chemical Monitoring and Evaluation Approach**

Groundwater and surface water sampling protocols are outlined in the 2020 LTSP. The sampling locations and well type designations are described below.

Twenty wells (identified as boundary, guard, and plume wells) are sampled for the LTSP Five-year Cycle monitoring program along with two Trout Lake shoreline wells and two surface water sampling locations (Figure 8. Long-term Stewardship Plan Monitoring Locations). The groundwater and surface water sampling locations are discussed below:

- Boundary wells (G142, G148, G149, G155, G156, G160, G162 and G192) are situated upgradient and downgradient of the Old Chem and New Chem landfill units to assess whether site-generated contamination is migrating towards the facility boundaries.
- Guard wells (G591, G592 and G600) are located to the east between the disposal cells and Trout Lake and are intended to provide an early warning of contaminant migration towards and possible impacts to the lake.
- Plume wells (G165, G166, G168, G547, G564, G575 and G594) are located within the historical path of the VOC plume. Analytical data are used to evaluate plume stability and concentration trends.
- The two shoreline wells (G211 and G570) are used to monitor groundwater-surface water (GSI) interactions downgradient of the guard wells.

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- Two surface water sampling locations (S501 and S502) are near the shoreline in an area where groundwater from the site is likely to discharge to the lake (GeoEngineers 2020).

### 4.1 Monitoring Frequency

The wells are sampled in the spring and fall of each year. Fall 2020 represented the first sampling event under the LTSP. The spring and fall 2025 samplings were conducted under the LTSP and includes additional wells per the Five-year cycle required in the permit.

This is the first Five-year Cycle and includes six additional wells (G142, G148, G149, G155, G156 and G192) from historical investigations to assess the long-term effectiveness of the original corrective actions. These wells have historically had few, if any, COC criteria exceedances. The well locations were selected to be close to various source control structures and will be used to confirm the effectiveness of these source controls provided by the original corrective actions.

### 4.2 Data Evaluation

Analytical results for surface water and groundwater are compared to USEPA Region 4 surface water screening levels in this annual report (previous years were compared to screening levels required under the post-closure permit). Region 4 screening levels are provided in inset Table I below.

**TABLE I. SURFACE WATER SCREENING LEVELS**

Contaminant of Concern	Region 4 Surface Water Screening Values (µg/L)
Benzene	160
Chloroform	140
1,1-Dichloroethane	410
1,1-Dichloroethene	130
1,2-dichloroethane (EDC)	2,000
cis-1,2-Dichloroethene	620
trans-1,2-Dichloroethene	558
1,2-Dichloropropane	520
Methylene chloride (aka dichloromethane)	1,500
Tetrachloroethene (PCE)	53
Trichloroethene (TCE)	220
Vinyl chloride	930

Note:

µg/L = micrograms per liter

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The surface water sampling locations in Trout Lake are the point of compliance for the site, such that an exceedance of a screening level would trigger additional investigation and potentially a corrective action, developed in coordination with the USEPA. Comparison of groundwater concentrations to screening levels provides an assessment of trends and the efficacy of source controls at the site. Additional investigation might occur should trends in a well change significantly (i.e., indicate increasing concentrations where previously declining or stable). Table 1 (attached) presents the potential response actions, based on chemical results under the LTSP that could be implemented during the program.

### **5 Groundwater and Surface Water Monitoring Results**

Results are presented and discussed by well type (guard, plume, etc.) or surface water sampling location in this section. Laboratory reports associated with the spring and fall 2025 monitoring are provided in Appendix A along with a summary of detected results. Conventional parameters were measured at all wells sampled during a monitoring event; COCs were analyzed in the spring and fall in all wells. COC concentrations are compared to screening levels for surface water per the LTSP and any exceedances are identified. Trends in chemical concentrations are discussed for each well type, and statistical graphs displaying trends are provided in Appendix B. Groundwater flow and an assessment of gains or losses in the lake are presented in the attached Figures 4 through 7 and 9, respectively.

#### **5.1 Ambient Condition Monitoring Results**

The Ambient Condition Wells (G145, G186 and G434) provide data regarding inorganic concentrations in upgradient groundwater and establish guidelines for Illinois EPA's "Class IV-Other Groundwater" standards for other wells.

The baseline inorganic constituent concentrations established in the groundwater monitoring plan for the Ambient Condition Monitoring Wells are presented in inset Table II below. The unconsolidated shallow aquifer ambient condition data represents the maximum concentrations measured in well G434 since the post-closure monitoring began. The deep bedrock aquifer data represent the maximum concentrations measured in either G145 or G186 since the post-closure monitoring began.

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**TABLE II. MAXIMUM CONCENTRATIONS OF CONVENTIONAL PARAMETERS IN AMBIENT WELLS**

Constituent	Units	Shallow aquifer	Deep aquifer
Total Chlorides	mg/L	1.7	7.8
Total Sulfate	mg/L	23	1,600
Total Dissolved Solids	mg/L	360	3,000
Total Iron	mg/L	1,100	3,700
Total Manganese	mg/L	150	3,900

Note:

mg/L = milligrams per liter

## 5.2 Boundary Well Monitoring Results

Eight boundary wells (G142, G148, G149, G155, G156, G160, G162 and G192) were monitored in spring and fall 2025. Comparison with baseline conventional water quality concentrations show elevated Total Dissolved Solids (TDS) values. TDS concentrations are above the 360 milligrams per liter (mg/L) shallow aquifer baseline value up to a magnitude of eight. Conventional water quality parameter concentrations in boundary wells are summarized in Table 2 (attached).

PCE was detected in boundary well G148 at concentrations greater than the USEPA Region 4 surface water screening levels of 53 micrograms per liter ( $\mu\text{g/L}$ ). Other VOCs were detected in G148 and G149 but were not greater than the screening levels. COC's were not detected in the other boundary well groundwater samples. Analytical data for boundary wells are summarized in Table 3 (attached).

Review of historical concentration data for G148 and G149 from March 2001 to February 2009 indicate the two wells have been reported with PCE and TCE concentrations greater than the screening levels. The 2025 data shows PCE in G148 remains above the screening levels, but PCE in G149 and TCE in both wells have decreased below the screening levels. Statistical evaluation including the 2025 data suggests a decreasing trend for the PCE concentrations in G148. Statistical evaluation of PCE in G149 and TCE in G148 and 149 is insufficient for evidence of decreasing trends. Contaminant concentration trends were not evaluated in other boundary wells because COCs have not been detected historically.

## 5.3 Plume Well Monitoring Results

Seven plume wells were sampled in the 2025 sampling events. Plume monitoring wells G165, G166, and G168 are located north of the New Chem Site and upgradient of the Old Chem Site and Low-Level Radioactive Waste (LLRW) disposal site (G547, G564, G575 and G594).

TDS was greater than the baseline by up to a magnitude of four in the six shallow plume wells in both spring and fall 2025. TDS was not greater than the baseline in the one deep plume well G166 in both spring and fall 2025. The attached Table 2 summarizes conventional parameter concentrations in the plume wells.

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COCs were not detected in groundwater from wells G165 and G166 in either spring or fall. Well G168 had several detections of COCs in both the spring and fall, with PCE exceeding the screening level in both events by an approximate factor of 2.

COCs were detected in the four wells east of the Old Chem Site in both sampling events. Well G547 was reported with concentrations of benzene, PCE and TCE in the spring and fall sampling events exceeding the screening level. Wells G547, G575 and G594 were reported with multiple analyte concentrations but the detected values were below USEPA Region 4 surface water screening levels (see attached Table 3 for a summary of analytical results for plume wells).

### **5.3.1 Plume Well Trend Analysis**

COC results were initially graphed using Excel™ for those wells with a recent Region 4 screening level exceedance. Where the initial graphs suggested a trend, chemical concentrations were imported into USEPA's ProUCL (version 5.1) to determine the significance of that trend. The Trends Analysis module in ProUCL was used for this analysis. When there was insufficient evidence to determine the presence or significance of a trend (as determined by ProUCL), shorter time periods were evaluated (e.g., last 10 or 15 years).

In almost all cases, COCs continue to display significant concentration declines since 1999. Only cis-1,2-DCE in well G594 did not show significant evidence for a decreasing trend. A summary of the trends analysis is provided in Table 4 (attached). Concentration line graphs are presented in Appendix B.1. Trend analysis graphs are included in Appendix B.2.

### **5.4 Guard Well Monitoring Results**

Two guard wells (G591 and G592), east of the Old Chem Site and within the groundwater plume to monitor conditions between the Site and Trout Lake, were sampled in the spring event. G600 was dry and was not sampled in spring or fall 2025.

TDS was greater than the baseline by a magnitude of about 1.5 in the three guard wells in both fall and spring 2025. Conventional water quality parameter results for guard wells are provided in attached Table 2.

COCs were detected in the two guard wells. Detected concentrations were not greater than the USEPA Region 4 screening levels. Analytical results for guard wells are summarized in Table 3.

#### **5.4.1 Guard Well Trend Analysis**

In almost all cases, COCs with one or more historical exceedances of screening levels have displayed significant declines in concentrations since 1999. The presence and significance of trends for benzene at G591 indicate statistical evidence of a decreasing trend.

In almost all cases, COCs continue to display significant concentration declines since 1999. Concentrations in wells G591 and G592 were not reported above the laboratory

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method detection limits. Due to the proximity of G591 and G592, we recommend discontinuing sampling at G591; and that G592 and G600 continue to be monitored at scheduled intervals.

A summary of the trends analysis is provided in Table 4. Concentration line graphs are presented in Appendix B.1. Trend analysis graphs are included in Appendix B.2.

### **5.5 Groundwater-Surface Water Interaction Monitoring Results**

Two shoreline wells (G211 and G570) downgradient of the plume were added in fall 2020 (Figure 8) to assess GSI.

TDS was greater than the baseline in the two GSI wells in both fall and spring 2025. Conventional parameters were dissimilar between the two GSI wells, TDS concentrations being elevated in G570 relative to G211.

COCs were not detected in GSI well G211; cis-1,2-DCE and TCE concentrations were detected in groundwater from G570 in spring and fall at concentrations below the screening levels (Table 3).

Current data are not sufficient to evaluate trends in G211 and G570. The wells will continue to be monitored at scheduled intervals and no further evaluation is required.

### **5.6 Surface Water Monitoring Results**

Surface water was sampled at S501 and S502 during the 2025 monitoring.

Conventional parameters were similar at both locations; no comparison was made to ambient groundwater conditions. Conventional parameter results are reported in Table 2. Cis-1,2-DCE was detected in S501 and S502 at 1.0 and 1.6 µg/L in spring, respectively and below the regulatory level of 620 µg/L. Cis-1,2-DCE was not detected in fall 2025. Other COCs were not detected in either surface water sample in 2025, which is consistent with historical data (analytical data are summarized in Table 3). The site continues to comply with the original post-closure permit and the 2020 AOC.

### **5.7 Groundwater Flow**

#### **5.7.1 Direction**

The depth to groundwater was measured in each of the previously identified wells plus additional wells along the shoreline<sup>1</sup> to provide groundwater elevation data across the site. Groundwater elevations were calculated based on the top of well casing (TOC) surveyed elevations. Interpreting site groundwater flow direction is complex due to the geology, history of surface mining and associated site disturbances, and the installation

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<sup>1</sup> Additional shoreline wells used to measure groundwater elevations included RIB-6, RIB-11, 572, 573, 574 and 212. See Figure 9 for locations.

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of barrier walls around the Old Chem Site and along the southern edge of the New Chem Site. Generally, the unconsolidated glacial deposit upper aquifer flows from a hydrogeologic high centered around well G192 toward the northwest and northeast. The barrier walls surrounding the Old Chem Site appear to disrupt flow to the northeast. East of the Old Chem Site groundwater flows to the east-southeast. Groundwater in the deeper bedrock aquifer appears to flow toward a northeast-trending trough located beneath the New Chem site and does not appear to be affected by the barrier walls. Groundwater contours are presented in Figures 4 through 7. Groundwater sampling logs and elevation data are included in Appendix C.

### **5.7.2 Gain/Loss Assessment**

To assess whether Trout Lake gains/intercepts groundwater or loses water into the surrounding sediments, eight established monitoring wells located along the shoreline were surveyed and added to the current monitoring well network for static water level measurements in the spring and fall (Figure 9, Shoreline Monitoring Well Locations for Fall 2025 Lake Gain/Loss Assessment). Water levels measured in the spring and fall of 2025 indicate that upland groundwater is discharging to the lake (i.e., the lake level is lower than groundwater elevations measured in the wells) in six of the eight wells (G570, G211, RIB-6, RIB-11, G572 and G212). Lake water appears to be discharging to the surrounding sediments in the two wells closest to the earthen embankment (G573 and G574).

## **6 Inspections and Maintenance**

A copy of the 2025 Routine Inspection and Maintenance Report is included in Appendix D.1.

### **6.1 Physical Inspections**

Facility inspections performed in 2025 included assessing the physical integrity and condition of the vegetation landfill caps, containment/barrier walls, leachate collection system, stormwater drainage, and boundary fence and site access controls. Additionally, groundwater monitoring well monuments were also assessed. Engineering control deficiencies are noted in Exception Reports.

#### **6.1.1 Landfill Cover and Stormwater Drainage**

No deficiencies were reported.

Landfill cover vegetation, containment/barrier walls, slopes and stormwater runoff areas were in good condition. Mowing and trimming activities were performed twice during the year. A total of 28.30 inches of precipitation has been measured through December 2025. Stormwater drainage ditches and other ditches were clear, properly sloped and prepared to handle runoff.

#### **6.1.2 Monitoring Wells and Fence Lines**

No deficiencies were reported.

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The Chem Site boundary fence was in good condition. Monitoring well monuments were in excellent condition and locked with security seals.

### **6.2 Annual Certification**

U.S. Ecology affirms that the institutional controls and deed restrictions remain in place for the Sheffield facility, as required by the LTSP and the AOC.

### **6.3 Leachate Collection System and Management**

No deficiencies were reported.

The leachate collection sumps were in good condition. A total of 836 gallons of leachate and 34.09 kilograms of hazardous waste solids derived from 2025 leachate collection operations were collected between August and October 2025 (Appendix D.2). The leachate was stored on site prior to disposing at Veolia in Port Arthur, Texas, in October 2025. PCB hazardous waste solids were stored on site prior to disposing at US Ecology Texas in October 2025. A copy of the disposal manifest is included in Appendix D.3.

## **7 Conclusions**

The spring and fall 2025 analytical data indicate that site contamination remains within the existing on-site plume with no indication of contaminant migration outside the monitoring area except for low cis-1,2-DCE concentrations in Trout Lake surface water during the spring.

COC concentrations in the Old Chem Site northwest plume area monitored by wells G165, G166 and G168 have declined significantly from historical concentrations and only PCE exceeds its Region 4 screening level at one location (G168). Though PCE concentrations in boundary well G148 were greater than the Region 4 screening level, statistical analysis indicates a decreasing trend. It is believed that continued reduction of COCs will occur due to natural attenuation. US Ecology will continue monitoring these wells in accordance with the LTSP.

The Old Chem Site eastern plume area characterized by monitoring wells G547, G564, G575 and G594 indicates some COC variability. Benzene, PCE and TCE concentrations in G547 increased from previous monitoring events and may indicate continued chemical movement within the plume.

Concentrations of COCs in guard wells G591 and G592 have declined from historically elevated concentrations. G600 was dry during the spring and fall 2025 monitoring events and was not sampled. Based on the historical and ongoing data and coverage proved by G592, we recommend discontinuing sampling at G591.

Though cis-1,2-DCE was reported in Trout Lake, surface water quality continues to comply with the terms of the post-closure permit and current LTSP and AOC.

The next annual sampling event, as outlined in the LTSP, will be in spring and fall 2026.

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### 8 References

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GeoEngineers. 2020. Long-term Stewardship Plan—Final. Sheffield Former Hazardous Waste Facility, Sheffield, Illinois. July 28, 2020.

US Ecology Illinois, Inc. 2020. Resource Conservation and Recovery Act. Administrative Order on Consent. Sheffield Facility, Bureau County, Sheffield, IL. September 22, 2020.

**Table 1**  
**Response Actions based on Chemical Monitoring Results**  
 US Ecology Former Hazardous Waste Facility  
 Sheffield, Illinois

Long-Term Stewardship Program Element	Sampling/Observation Point	Adverse Event	Trigger	Response
<b>Chemical Monitoring</b>				
Groundwater	Boundary well	Contaminated groundwater is migrating toward facility boundary	Groundwater COC concentrations exceed Region 4 surface water screening levels at one or more boundary wells	Evaluate short-term (5 year) COC concentration trends and variability in boundary well. If there appears to be a significant increase in concentration or variability exceeds the typical range, evaluate upgradient wells for similar trend along with any change in groundwater flow path. If exceedance is a function of a landfill source, evaluate integrity of source controls at landfill boundary (may include sampling historical wells); repair remedy element (cap, barrier wall) as needed. Continue monitoring according to scheduled interval.
	Plume well	Groundwater contamination trends change	Statistically significant increasing trend in COC concentration in plume detected	Evaluate guard well COC concentration trends. Continue monitoring at scheduled interval.
	Guard well	Contaminated groundwater is migrating toward lake	Groundwater COC concentrations exceed Region 4 surface water screening levels at one or more guard wells	Evaluate short-term (5 year) trend and variability in guard well. If there appears to be a significant increase in a COC concentration or variability exceeds the typical range, evaluate potential correlation with upgradient COC concentrations to determine potential source of increasing trend. Consider sampling additional historical wells to evaluate performance of upgradient barrier walls. Continue monitoring guard wells at scheduled interval.
Groundwater (continued)	GSI well	Groundwater at shoreline shows evidence of site-specific contamination	Site-specific COCs are detected in shoreline wells	Determine if Region 4 water quality screening levels are exceeded at GSI well. If yes, evaluate upgradient wells within the LTSP monitoring array to determine if there is correlative increase in COC concentrations and/or potential source of the increasing trend. Consider sampling additional historical wells. Consider evaluation of sediment porewater adjacent to the shoreline to determine if shoreline groundwater concentrations are attenuating prior to discharge to surface water (sediment-water interface). Consider an increase to monitoring frequency at GSI wells.
Surface water	Surface water points of compliance	Surface water becomes contaminated with site-specific contaminants of concern	Surface water COC concentrations exceed Region 4 surface water quality criteria	Resample points of compliance to confirm. If confirmed, evaluate groundwater concentrations in LTSP monitoring well array to determine likely source area. Consider sampling additional historical wells to evaluate distribution of contaminants near the POC. Determine the need for and type of corrective action needed based on likely risks to aquatic and water-dependent receptors. Consider an increase in monitoring frequency at POCs or locations within the lake.

**Notes:**

- COC = contaminant of concern
- GSI = groundwater-surface water interaction
- POC = point of compliance

**Table 2**

Summary of the 2025 Groundwater and Surface Water Conventional Water Quality Parameter Monitoring Data for the Long-term Stewardship Program<sup>1</sup>

US Ecology Former Hazardous Waste Facility

Sheffield, Illinois

Monitoring Location and Type	Spring Event (June 2025)							Fall Event (September 2025)						
	Chloride-Dissolved	Iron- Total	Iron-Dissolved	Manganese - Total	Manganese-Dissolved	Total Dissolved Solids	Sulfate - Dissolved	Chloride-Dissolved	Iron-Total	Iron-Dissolved	Manganese- Total	Manganese-Dissolved	Total Dissolved Solids	Sulfate-Dissolved
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
<b>Surface Water</b>														
S-501	5.6	49	38	8.2	7.7	1,400	820	6.5	41	38	21	18	1,400	990
S-502	5.6	38	27	8.6	8.8	1,400	800	6.5	31	15	20	17	1,400	930
<b>Boundary Wells</b>														
G-142	60	14,000	6,900	1,200	1,200	560	60	7.3	13,000	16,000	700	910	560	84
G-148	4.1	140,000	100,000	1,700	1,500	1,600	720	4.6	29,000	24,000	570	500	1,900	830
G-149	5.8	5,600	6,500	2,100	2,300	1,400	590	5.8	3,000	3,000	1,600	1,500	1,000	470
G-155	4.7	2,800	1,300	110	100	1,900	710	5.7	510	220	19	14	1,600	730
G-156	3.0	200	100	280	300	530	110	3.4	190	140	840	830	420	49
G-160	<5.0	3,600	2,700	1,500	1,500	2,900	1,800	4.5	910	1,100	1,300	1,200	2,900	1,600
G-162	<5.0	1,400	1,400	2,800	2,800	2,700	1,700	7.2	1,100	1,100	2,800	2,700	2,500	1,600
G-192	1.7	140	79	12	13	550	68	2.3	70	52	22	20	550	98
<b>Guard Wells</b>														
G-591	23	4,400	4,800	400	410	500	68	16	6,200	6,000	570	540	520	75
G-592	15	510	330	2.1	1.9	600	77	11	140	150	2.9	3.2	570	74
G-600	NA-Dry	NA-Dry	NA-Dry	NA-Dry	NA-Dry	NA-Dry	NA-Dry	NA-Dry	NA-Dry	NA-Dry	NA-Dry	NA-Dry	NA-Dry	NA-Dry
<b>Plume Wells</b>														
G-165	1.4	180	56	6.9	5.0	530	180	<1	680	650	88	86	580	160
G-166	3.5	14	11	4.0	4.4	500	7.9	3.0	13	<10	13	12	520	8.9
G-168	3.7	14	<10	<1.0	<1.0	960	300	2.4	<10	<10	<1	<1	920	290
G-547	47	8,300	9,800	34	46	640	5.1	40	7,100	4,500	32	22	620	<5.0
G-564	<5.0	9,500	10,000	370	380	1,500	640	4.9	9,900	9,700	410	400	1,500	650
G-575	7.1	18,000	14,000	87	96	560	82	6.6	10,000	9,600	86	84	540	79
G-594	13	6,900	1,900	110	46	460	64	5.3	2,200	320	44	14	420	21
<b>GSI</b>														
G-211	3.6	3,400	3,700	270	290	390	2.0	2.5	4,200	3,900	300	280	380	2.3
G-570	3.8	4,200	2,900	81	80	1,300	520	2.0	13,000	13,000	130	140	1,100	390

**Notes:**

<sup>1</sup> This summary represents a transition from the monitoring program conducted under the 1985 Administrative Order by Consent (AOC) to the Long-term Stewardship Program conducted under the 2020 AOC with the U.S. Environmental Protection Agency (USEPA).

mg/L = milligrams per liter; µg/L = micrograms per liter

<# = Not detected above the laboratory method reporting limit; NS = Not sampled, well was dry.

**Bold value** = detected

**Table 3**

Summary of the 2025 Groundwater and Surface Water Monitoring Data for the Long-term Stewardship Program<sup>1</sup> - Five-year Cycle  
 US Ecology Former Hazardous Waste Facility  
 Sheffield, Illinois

Contaminant of Concern <sup>2</sup>	Region 4 Screening Level	Units	Surface Water		Groundwater																			Surface Water		Groundwater						
			S-501	S-502	Boundary Wells								Plume Wells						Guard Wells			GSI		Frequency of Detection	Frequency of Exceedance	Frequency of Detection	Frequency of Exceedance					
					G-142	G-148	G-149	G-155	G-156	G-160	G-162	G-192	G-165	G-166	G-168	G-547	G-564	G-575	G-594	G-591	G-592	G-600	G-211					G-570				
<b>Spring Sampling Event--June 11, 2025</b>																																
1,1-Dichloroethane	410	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	8.7	<1	44	<1	28	39	NSD	<1	<1	0%	0%	20%	0%			
1,1-Dichloroethene	130	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4.0	<1	<1	<1	<1	<1	NSD	<1	<1	0%	0%	10%	0%			
1,2-Dichloroethane	2,000	µg/L	<1	<1	<1	<1	1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	13	<1	<1	<1	3.1	<1	NSD	<1	<1	0%	0%	20%	0%			
1,2-Dichloropropane	520	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.4	<1	<1	<1	7.2	<1	NSD	<1	<1	0%	0%	15%	0%			
Benzene	160	µg/L	<1	<1	<1	1.0	1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	610	4.2	<1	<1	23	<1	NSD	<1	<1	0%	0%	25%	5%			
Chloroform	140	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	12	<1	<1	1.3	<1	<1	1.2	NSD	<1	<1	0%	0%	15%	0%		
cis-1,2-Dichloroethene	620	µg/L	1.0	1.3	<1	150	160	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.5	530	160	5.3	84	3.7	5.8	NSD	<1	2.6	100%	0%	55%	5%		
Methylene Chloride	1,500	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	16	<1	<1	<1	<1	<1	NSD	<1	<1	0%	0%	5%	0%			
Tetrachloroethene	53	µg/L	<1	<1	<1	80	46	<1	<1	<1	<1	<1	<1	<1	<1	<1	120	150	7.0	8.2	1.5	<1	17	NSD	<1	<1	0%	0%	45%	20%		
trans-1,2-Dichloroethene	558	µg/L	<1	<1	<1	2.0	1.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	37	5.1	<1	2.7	<1	<1	NSD	<1	<1	0%	0%	30%	0%			
Trichloroethene	220	µg/L	<1	<1	<1	15	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	10	650	2.3	5.1	4.6	1.3	3.5	NSD	<1	1.5	0%	0%	55%	5%		
Vinyl Chloride	930	µg/L	<1	<1	<1	<1	2.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	110	53	<1	<1	3.1	<1	NSD	<1	<1	0%	0%	25%	0%			
<b>Fall Sampling Event--September 30, 2025</b>																																
1,1-Dichloroethane	410	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	6.9	<1	47	<1	29	52	NSD	<1	<1	0%	0%	21%	0%			
1,1-Dichloroethene	130	µg/L	<1	<1	<1	1.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.8	1.0	<1	<1	<1	<1	NSD	<1	<1	0%	0%	16%	0%			
1,2-Dichloroethane	2,000	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10	<1	<1	<1	3.0	<1	NSD	<1	<1	0%	0%	10%	0%			
1,2-Dichloropropane	520	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.9	<1	<1	<1	6.9	<1	NSD	<1	<1	0%	0%	10%	0%			
Benzene	160	µg/L	<1	<1	<1	1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	590	4.5	<1	<1	18	<1	NSD	<1	<1	0%	0%	21%	5%			
Chloroform	140	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	30	<1	<1	1.0	<1	<1	1.2	NSD	<1	<1	0%	0%	16%	0%		
cis-1,2-Dichloroethene	620	µg/L	<1	<1	<1	210	49	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.6	<1	2.9	520	180	4.4	23	5.4	5.6	NSD	<1	4.9	0%	0%	58%	0%
Methylene Chloride	1,500	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	13	<1	<1	<1	<1	<1	NSD	<1	<1	0%	0%	5%	0%			
Tetrachloroethene	53	µg/L	<1	<1	<1	90	11	<1	<1	<1	<1	<1	<1	<1	<1	<1	110	140	7.9	7.9	1.8	2.4	20	NSD	<1	<1	0%	0%	47%	16%		
trans-1,2-Dichloroethene	558	µg/L	<1	<1	<1	2.4	1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	31	4.1	<1	<1	<1	<1	NSD	<1	<1	0%	0%	21%	0%			
Trichloroethene	220	µg/L	<1	<1	<1	21	8.9	<1	<1	<1	<1	<1	<1	<1	<1	<1	13	610	<1	5.4	1.1	1.9	4.7	NSD	<1	1.4	0%	0%	47%	5%		
Vinyl Chloride	930	µg/L	<1	<1	<1	<1	2.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	150	54	<1	<1	2.2	<1	NSD	<1	<1	0%	0%	21%	0%			

**Notes:**

<sup>1</sup>This summary represents a transition from the monitoring program conducted under the 1985 Administrative Order by Consent (AOC) to the Long-term Stewardship Program conducted under the 2020 AOC with the U.S. Environmental Protection Agency (USEPA).

<sup>2</sup> Several other contaminants (1,4-dioxane, chloromethane, methacrylonitrile and vinyl acetate) were analyzed for during the Spring 2020 monitoring event but were not detected. These contaminants were not identified as COCs based on a site-wide analysis.

µg/L = micrograms per liter; NSD = Not Sampled - Dry

"<#" = Not detected above the laboratory method reporting limit; NS = Not sampled, well was dry.

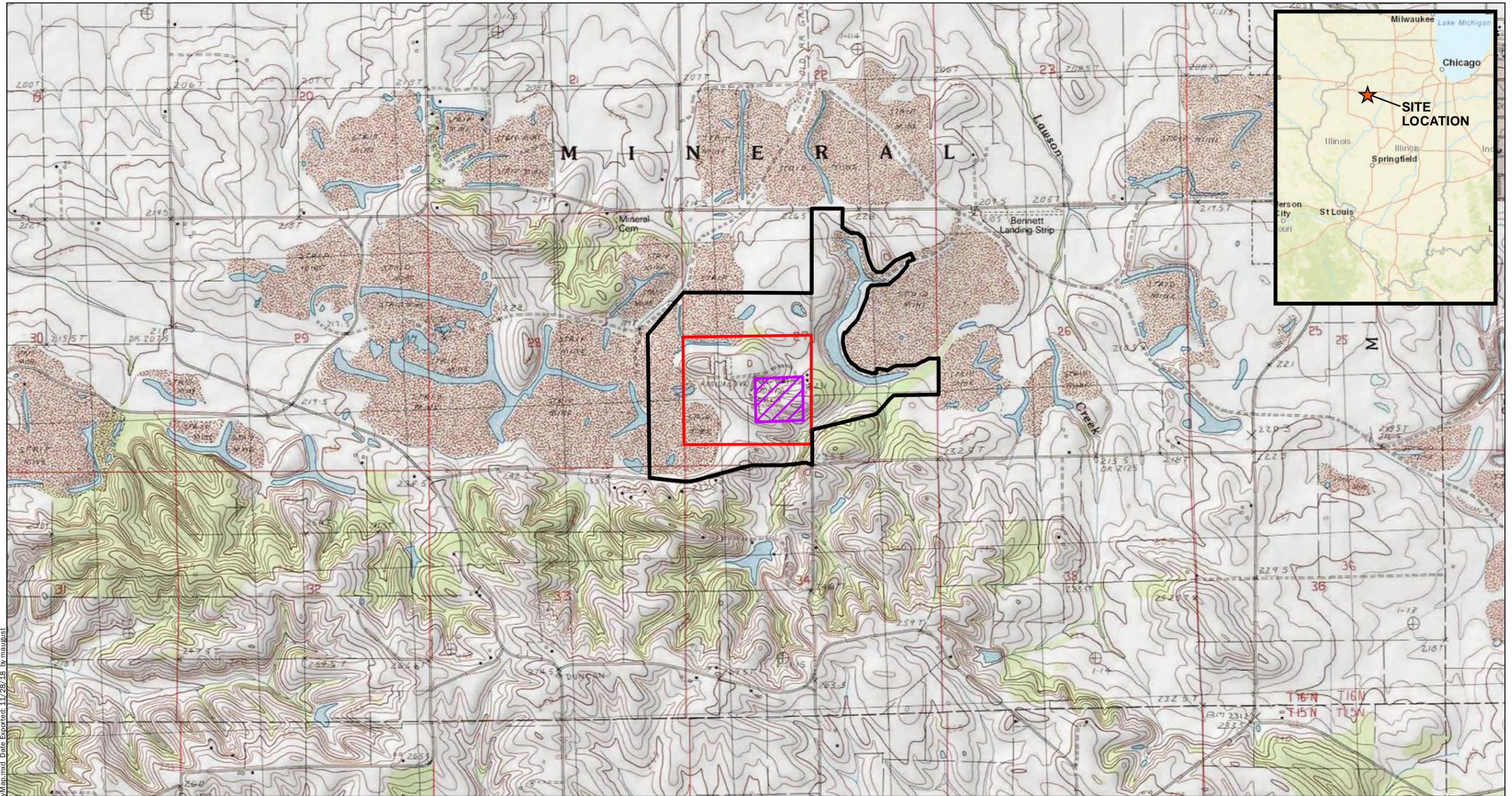
**Bold value** = detected

Shaded value exceeds US EPA Region 4 surface water screening value for hazardous waste sites (USEPA 2018)

**Table 4**  
**Summary of the 2025 Groundwater Trends for the Long-term Stewardship Program<sup>1</sup> - Five-year Cycle**  
 US Ecology Former Hazardous Waste Facility  
 Sheffield, Illinois

Contaminant of Concern	Boundary								Plume Wells							Guard Wells			GSI Wells	
	G-142	G-148	G-149	G-155	G-156	G-160	G-162	G-192	G-165	G-166	G-168	G-547	G-564	G-575	G-594	G-591	G-592	G-600	G-211	G-570
1,1-Dichloroethane	Not detected								Not detected or below screening level since 1999							Not detected				
1,1-Dichloroethene	Not detected	Below screening level. Insufficient data to determine a trend	Not detected	Not detected					Not detected or below screening level since 1999							Not detected				
1,2-Dichloroethane	Not detected		Below screening level. Insufficient data to determine a trend	Not detected					Not detected or below screening level since 1999							Not detected				
1,2-Dichloropropane	Not detected								Not detected or below screening level since 1999							Not detected				
Benzene	Not detected	Below screening level. Insufficient data to determine a trend		Not detected					Not detected or below screening level since 1999			Screening level exceedance in Fall 2024. ↓ Statistically decreasing	↓ Statistically decreasing	Not detected since 1999	Not detected or below screening level since 2002	↓ Statistically decreasing	Not detected since 2003	Not detected or below screening level since 2002	Not detected	
Chloroform	Not detected								Not detected or below screening level since 1999		Not detected or below the screening level since 2012	Not detected or below the screening level since 2001	Not detected or below the screening level since 2002	Not detected or below screening level since 1999	Not detected or below screening level since 2002	Not detected or below the screening level since 2003	Not detected or below the screening level since 2003	Not detected or below screening level since 1999	Not detected	
cis-1,2-Dichloroethene	Not detected	Below screening level. Insufficient data to determine a trend		Not detected					Not detected or below screening level since 2001	Not detected since 1999	Not detected or below the screening level since 1999	↓ Statistically decreasing	↓ Statistically decreasing	Not detected or below screening levels since 1999	Insufficient evidence of decreasing trend	↓ Statistically decreasing	Not detected or below screening level since 1999	Screening level exceedance in Spring 205, Dry Fall 2025. Insufficient evidence of decreasing trend.	Not detected	Detected below the screening level
Methylene Chloride	Not detected								Not detected or below screening level since 1999			↓ Statistically decreasing	Not detected or below screening level since 1999			Not detected or below screening level since 2002	Not detected or below screening level since 1999		Not detected	
Tetrachloroethene	Not detected	Screening level exceedance in 2025. Statistical evidence of decreasing trend	Below screening level. Insufficient evidence of decreasing trend.	Not detected					Not detected since 1999	Not detected since 1999	Screening level exceedance in Fall 2024. ↓ Statistically decreasing	Screening level exceedance in Fall 2024. ↓ Statistically decreasing	↓ Statistically decreasing	↓ Statistically decreasing	↓ Statistically decreasing	Not detected or below the screening level since 2002	Last screening level exceedance in Fall 2010. Insufficient evidence of decreasing trend.	Screening level exceedance in Spring 2025, Dry Fall 2025. ↓ Statistically decreasing	Not detected	
trans-1,2-Dichloroethene	Not detected	Below screening level. Insufficient data to determine a trend		Not detected					Not detected or below screening level since 1999							Not detected				
Trichloroethene	Not detected	Below screening level. Insufficient evidence of decreasing trend.		Not detected					Not detected since 2000	Not detected since 1999	↓ Statistically decreasing	Screening level exceedance in Fall 2024. ↓ Statistically decreasing	↓ Statistically decreasing	Not detected or below screening level since 1999	Statistical evidence of decreasing trend in past 15 years	Below screening level since 2011	Not detected or below screening level since 1999	Screening level exceedance in Spring 2024. Statistically decreasing past 10 years.	Not detected	Detected below the screening level
Vinyl Chloride	Not detected		Below screening level. Insufficient data to determine a trend	Not detected					Not detected or below screening level since 1999			Below screening level since 2007	Not detected or below screening level since 1999		Not detected or below screening level since 2006	Not detected or below screening level since 1999		Not detected		

**Notes:**  
<sup>1</sup>This summary represents a transition from the monitoring program conducted under the 1985 Administrative Order by Consent (AOC) to the Long-term Stewardship Program conducted under the 2020 AOC with the U.S. Environmental Protection Agency (USEPA).  
 ↓ Statistically significantly decreasing trend since 1999 or as indicated.  
 GSI wells = groundwater-surface water interaction wells

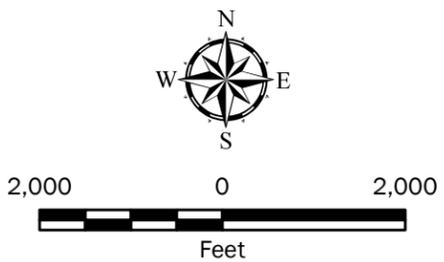


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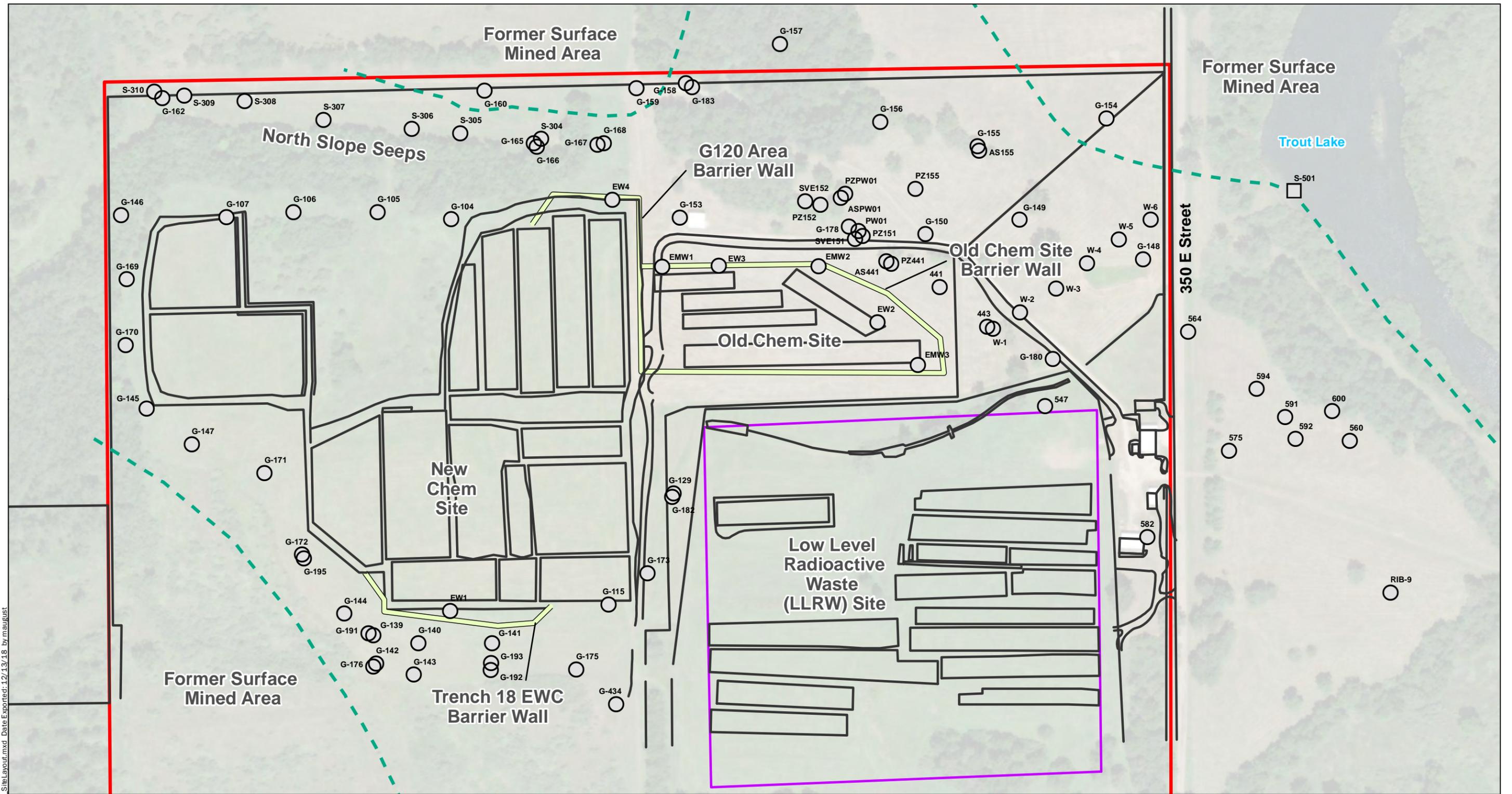
**Notes:**  
 1. The locations of all features shown are approximate.  
 2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored in GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source:  
 Projection: NAD 1983 StatePlane Illinois West FIPS 1202 Feet

- Legend**
-  U.S. Ecology Sheffield Property Line
  -  Facility Legal Boundary
  -  Property Owned by State of Illinois



<b>Vicinity Map</b>	
US Ecology Former Hazardous Waste Facility Sheffield, Illinois	
	<b>Figure 1</b>

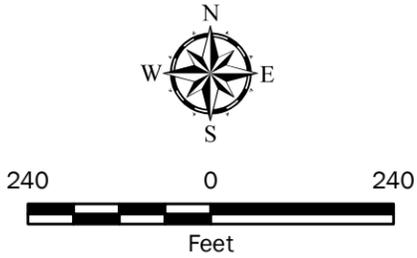


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Data Source: PDC Technical Services, Inc., 2008.

Projection: NAD 1983 StatePlane Illinois West FIPS 1202 Feet

- Legend**
- Surface Water Sample Location
  - Groundwater Monitoring Wells
  - Facility Legal Boundary
  - Property Owned by State of Illinois
  - Barrier Walls
  - - - Boundary of Former Surface Mining

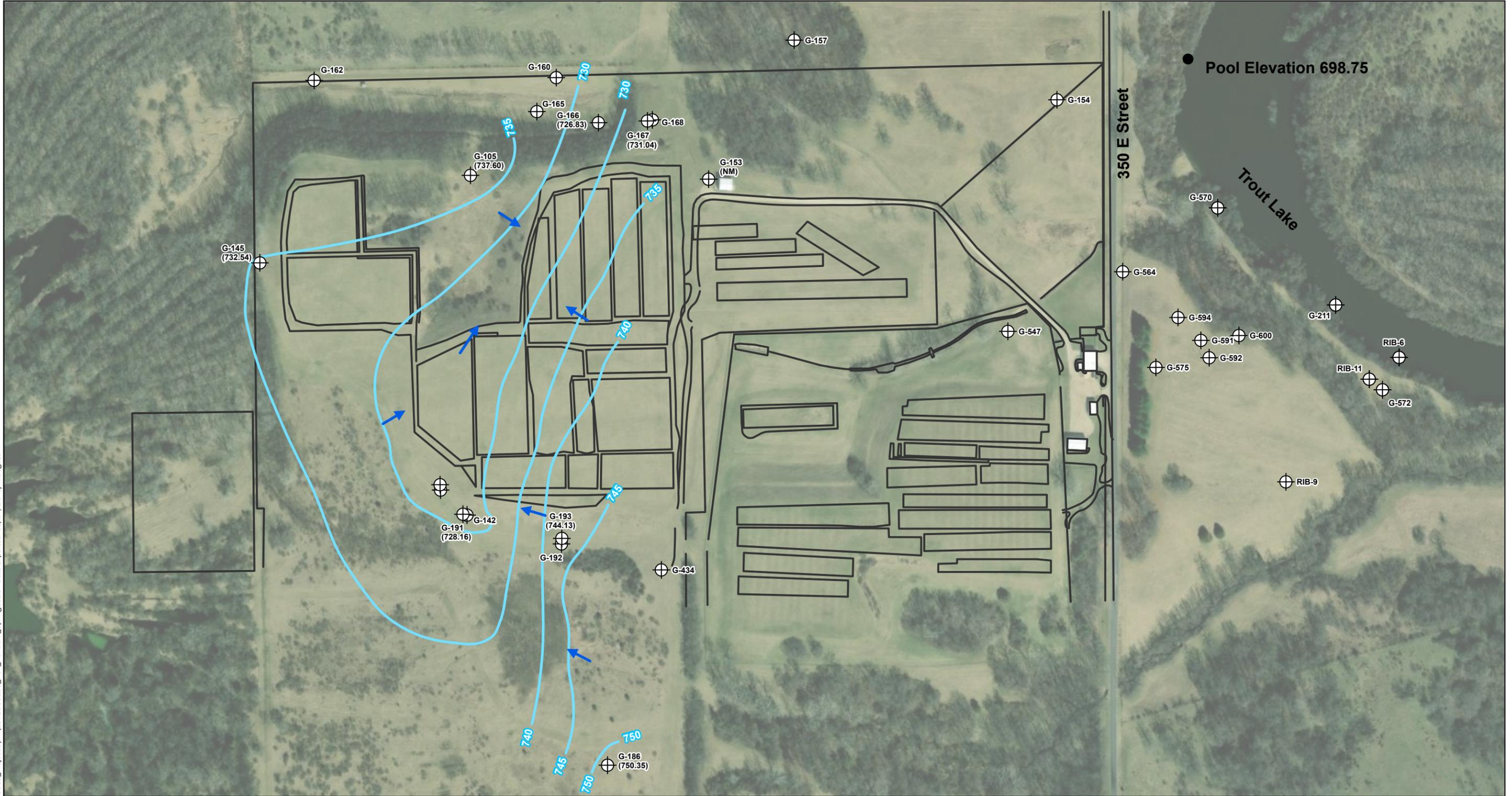


<b>Site Layout</b>	
US Ecology Former Hazardous Waste Facility Sheffield, Illinois	
	<b>Figure 2</b>

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- Notes:**
1. The locations of all features shown are approximate.
  2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
  3. Potentiometric elevation data are in feet relative to sea level.

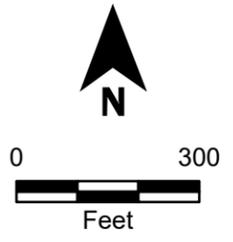
Data Source: Aerial from ESRI  
 Projection: NAD 1983 StatePlane Illinois West FIPS 1202 Feet

**Legend**

G-105 (737.60) Approximate Monitoring Well Location Approximate Monitoring Well Location, Designation, and Potentiometric Elevation<sup>3</sup>

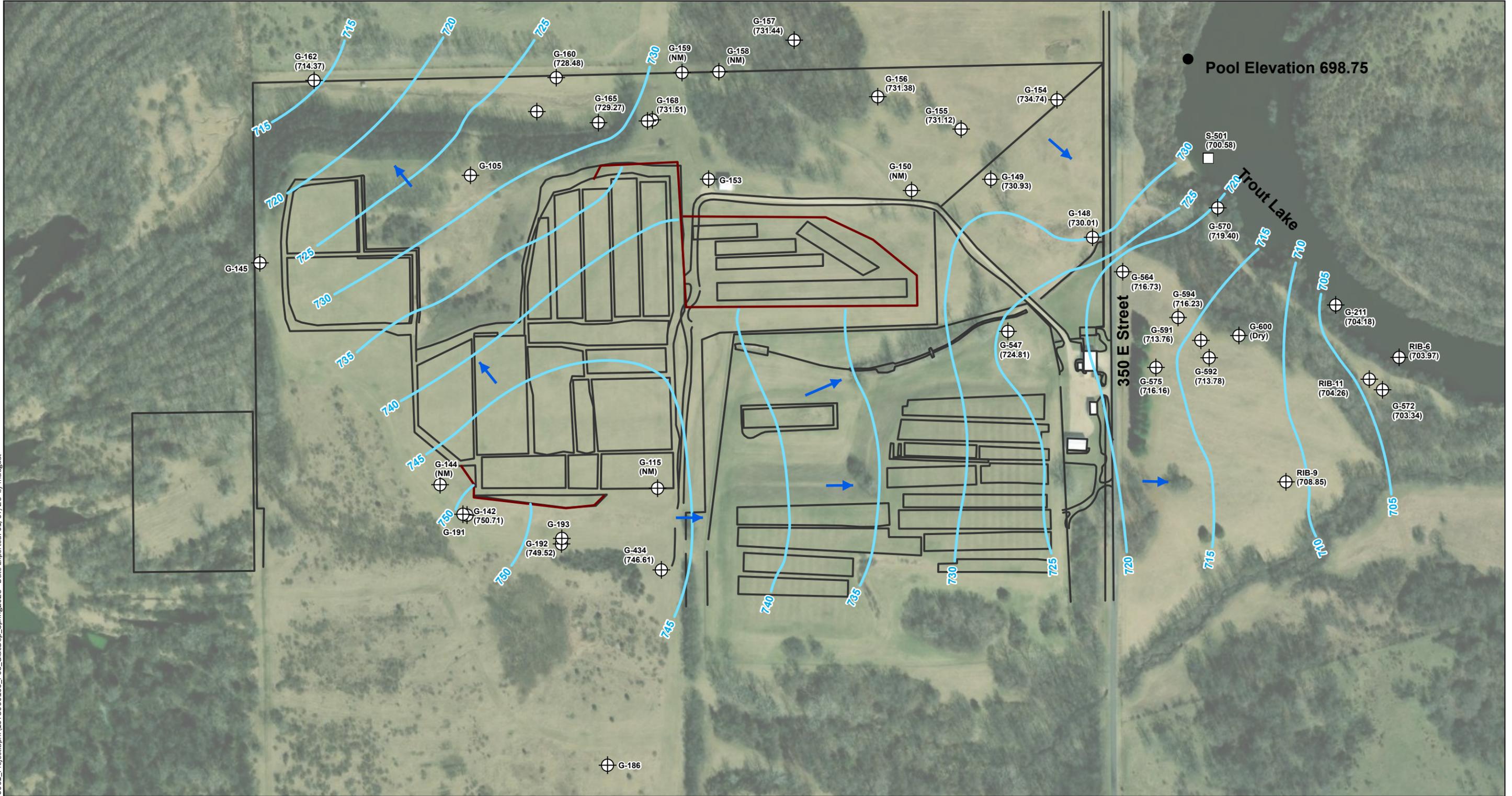
Groundwater Elevation Contour (5-Foot Interval, Dashed where inferred)

GroundwaterFlowDirection Interpreted Groundwater Flow Direction



<b>2025 Pennsylvanian Bedrock (Spring) Groundwater Contours</b>	
U.S. Ecology Illinois Sheffield, Illinois	
	<b>Figure 4</b>

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**Notes:**

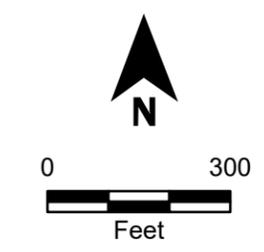
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
3. Potentiometric elevation data are in feet relative to sea level.

Data Source: Aerial from ESRI

Projection: NAD 1983 StatePlane Illinois West FIPS 1202 Feet

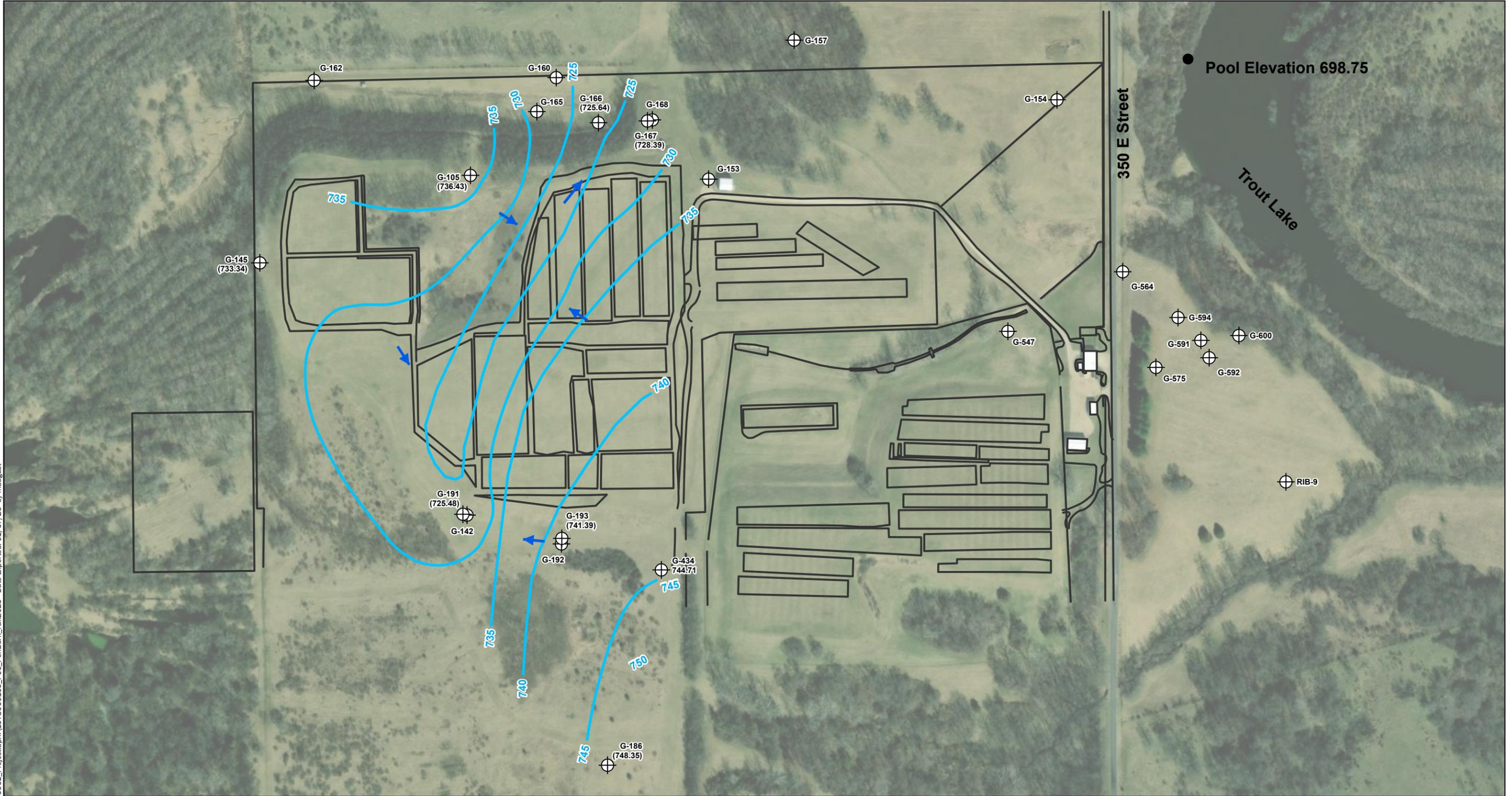
**Legend**

- Approximate Monitoring Well Location, Designation, and Potentiometric Elevation<sup>3</sup>
- Groundwater Elevation Contour (5-Foot Interval)
- Barrier Wall
- Groundwater Flow Direction Interpreted Groundwater Flow Direction



<b>2025 Glacial Deposit (Spring) Groundwater Contours</b>	
U.S. Ecology Illinois Sheffield, Illinois	
	<b>Figure 5</b>

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- Notes:**
1. The locations of all features shown are approximate.
  2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
  3. Potentiometric elevation data are in feet relative to sea level.

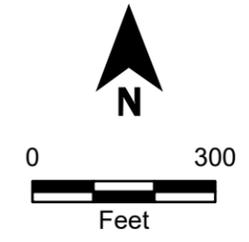
Data Source: Aerial from ESRI  
 Projection: NAD 1983 StatePlane Illinois West FIPS 1202 Feet

**Legend**


 Approximate Monitoring Well Location, Designation, and Potentiometric Elevation<sup>3</sup>  

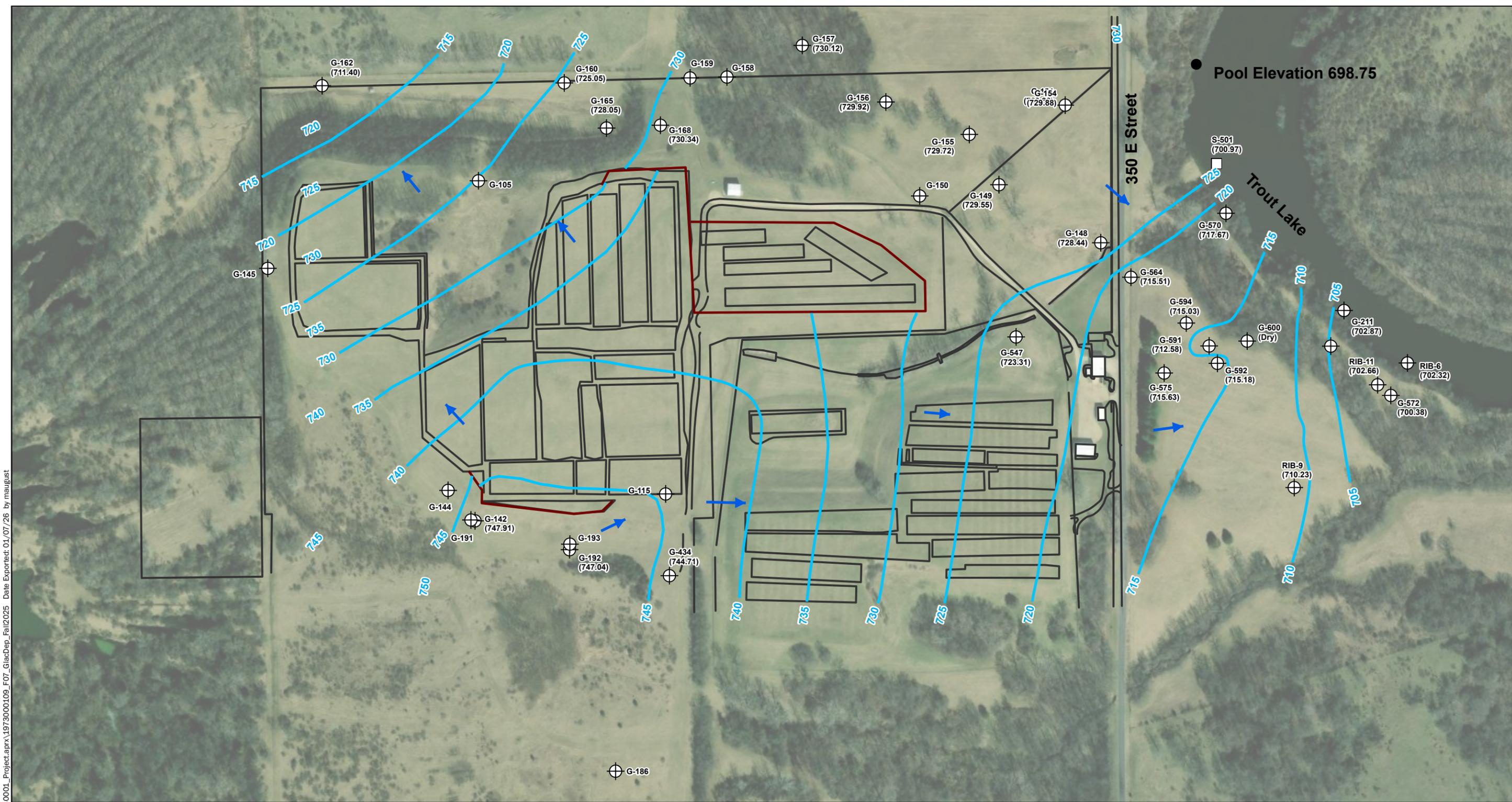
 Groundwater Elevation Contour (5-Foot Interval)  

 Interpreted Groundwater Flow Direction



<b>2025 Pennsylvanian Bedrock (Fall) Groundwater Contours</b>	
U.S. Ecology Illinois Sheffield, Illinois	
	<b>Figure 6</b>

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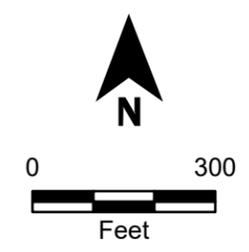


- Notes:**
1. The locations of all features shown are approximate.
  2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
  3. Potentiometric elevation data are in feet relative to sea level.

**Legend**

- Approximate Monitoring Well Location, Designation, and Potentiometric Elevation<sup>3</sup>
- Groundwater Elevation Contour (5-Foot Interval)
- Barrier Wall
- GroundwaterFlowDirection Interpreted Groundwater Flow Direction

Data Source: Aerial from ESRI  
 Projection: NAD 1983 StatePlane Illinois West FIPS 1202 Feet



<b>2025 Glacial Deposit (Fall) Groundwater Contours</b>	
U.S. Ecology Illinois Sheffield, Illinois	
	<b>Figure 7</b>



P:\19\19730002\GIS\MXD\1973000200\_Fig2\_LTSStewardshipMonNetwork\_05112020\_new.mxd Date Exported: 05/14/20 by maugust

**Notes:**  
 1. The locations of all features shown are approximate.  
 2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

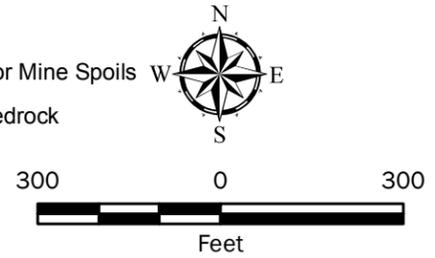
Data Source: PDC Technical Services, Inc., 2008.

Projection: NAD 1983 StatePlane Illinois West FIPS 1202 Feet

**Legend**

- Boundary Well
- Plume Well
- Guard Well
- 5-Year Review Well
- Groundwater-Surface Interaction Well
- Other Wells
- Facility Legal Boundary
- Property Owned by State of Illinois
- Surface Water Sample Location
- Barrier Walls
- Screened in Glacial Deposits or Mine Spoils
- Screened in Pennsylvanian Bedrock

\* Sediment in well 571 dry. Replaced with well 570.



**Long-term Stewardship Plan Monitoring Locations**

U.S. Ecology Illinois  
Sheffield, Illinois

**GEOENGINEERS**

**Figure 8**

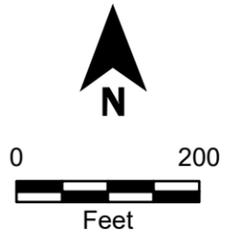


P:\19\19730001\GIS\19730001\_Project.aprx\1973000109\_F09\_2025\_ShorelineGainLoss Date Exported: 01/07/26 by maugust

- Notes:**
1. The locations of all features shown are approximate.
  2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
  3. Potentiometric elevation data are in feet.

Data Source: Aerial from ESRI  
 Projection: NAD 1983 StatePlane Illinois West FIPS 1202 Feet

- Legend**
- ⊗ Approximate Monitoring Well Location Water Level Measurement Well
  - Surface Water Sample Location
  - ▨ Earthen Dam Approximate Location



<b>Shoreline Monitoring Well Locations for Fall 2025 Lake Gain/Loss Assessment</b>	
U.S. Ecology Illinois Sheffield, Illinois	
	<b>Figure 9</b>

# **Long-term Stewardship Program 2025 Five-Year Report**

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US Ecology, Sheffield, IL

## **APPENDIX A**

### **Analytical Results**

February 13, 2026

# **Long-term Stewardship Program 2025 Five-Year Report**

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US Ecology, Sheffield, IL

## **APPENDIX A.1**

### **Laboratory Reports**

February 13, 2026



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

July 01, 2025

Doug Long  
US Ecology, Inc. Sheffield  
PO Box 206  
Sheffield, IL 61361

RE: US ECOLOGY LTSP Spring 2025

Dear Doug Long:

Please find enclosed the analytical results for the **25** sample(s) the laboratory received on **6/12/25 10:15 am** and logged in under work order **IF02765**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise . We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or [lisa.grant@pacelabs.com](mailto:lisa.grant@pacelabs.com).

A handwritten signature in black ink that reads "Diane Billings".

Diane Billings  
Project Manager



**ANALYTICAL RESULTS**

**Sample:** IF02765-01  
**Name:** G160  
**Matrix:** Ground Water - Grab

**Sampled:** 06/11/25 10:34  
**Received:** 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	3100	mg/L	M	06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 5.0	mg/L		06/18/25 12:25	5	5.0	06/18/25 12:25	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	1800	mg/L		06/17/25 23:08	250	250	06/17/25 23:08	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	2900	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	2700	ug/L		06/30/25 10:35	5	10	06/30/25 13:33	TJJ	EPA 6020A
Magnesium, Dissolved	280	mg/L		06/30/25 10:35	5	0.10	06/30/25 13:33	TJJ	EPA 6020A
Manganese, Dissolved	1500	ug/L		06/30/25 10:35	5	1.0	06/30/25 13:33	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	3600	ug/L		06/16/25 09:36	5	10	06/27/25 09:48	TJJ	EPA 6020A
Magnesium	290	mg/L	Q4	06/16/25 09:36	5	0.10	06/27/25 09:48	TJJ	EPA 6020A
Manganese	1500	ug/L		06/16/25 09:36	5	1.0	06/27/25 09:48	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:25	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-02  
 Name: G162  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 10:24  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	2300	mg/L	M	06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 5.0	mg/L		06/18/25 12:43	5	5.0	06/18/25 12:43	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	1700	mg/L		06/17/25 23:47	250	250	06/17/25 23:47	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	2700	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	1400	ug/L		06/30/25 10:35	5	10	06/30/25 13:37	TJJ	EPA 6020A
Magnesium, Dissolved	230	mg/L		06/30/25 10:35	5	0.10	06/30/25 13:37	TJJ	EPA 6020A
Manganese, Dissolved	2800	ug/L		06/30/25 10:35	5	1.0	06/30/25 13:37	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	1400	ug/L		06/16/25 09:36	5	10	06/27/25 09:51	TJJ	EPA 6020A
Magnesium	240	mg/L		06/16/25 09:36	5	0.10	06/27/25 09:51	TJJ	EPA 6020A
Manganese	2800	ug/L		06/16/25 09:36	5	1.0	06/27/25 09:51	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 14:52	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IF02765-03  
Name: G165  
Matrix: Ground Water - Grab

Sampled: 06/11/25 10:03  
Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	700	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	1.4	mg/L		06/18/25 00:06	1	1.0	06/18/25 00:06	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	180	mg/L		06/18/25 00:26	50	50	06/18/25 00:26	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	530	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	56	ug/L		06/30/25 10:35	5	10	06/30/25 13:40	TJJ	EPA 6020A
Magnesium, Dissolved	46	mg/L		06/30/25 10:35	5	0.10	06/30/25 13:40	TJJ	EPA 6020A
Manganese, Dissolved	5.0	ug/L		06/30/25 10:35	5	1.0	06/30/25 13:40	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	180	ug/L		06/16/25 09:36	5	10	06/27/25 09:55	TJJ	EPA 6020A
Magnesium	46	mg/L		06/16/25 09:36	5	0.10	06/27/25 09:55	TJJ	EPA 6020A
Manganese	6.9	ug/L		06/16/25 09:36	5	1.0	06/27/25 09:55	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:20	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IF02765-04  
 Name: G166  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 10:13  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	460	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	3.5	mg/L		06/18/25 00:45	1	1.0	06/18/25 00:45	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	7.9	mg/L		06/18/25 00:45	1	1.0	06/18/25 00:45	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	500	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	11	ug/L		06/30/25 10:35	5	10	06/30/25 13:44	TJJ	EPA 6020A
Magnesium, Dissolved	1.8	mg/L		06/30/25 10:35	5	0.10	06/30/25 13:44	TJJ	EPA 6020A
Manganese, Dissolved	4.4	ug/L		06/30/25 10:35	5	1.0	06/30/25 13:44	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	14	ug/L		06/16/25 09:36	5	10	06/27/25 09:59	TJJ	EPA 6020A
Magnesium	1.8	mg/L		06/16/25 09:36	5	0.10	06/27/25 09:59	TJJ	EPA 6020A
Manganese	4.0	ug/L		06/16/25 09:36	5	1.0	06/27/25 09:59	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 15:48	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IF02765-05  
Name: G168  
Matrix: Ground Water - Grab

Sampled: 06/11/25 09:52  
Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	820	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	3.7	mg/L		06/18/25 01:04	1	1.0	06/18/25 01:04	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	300	mg/L		06/18/25 01:24	50	50	06/18/25 01:24	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	960	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	< 10	ug/L		06/30/25 10:35	5	10	06/30/25 13:48	TJJ	EPA 6020A
Magnesium, Dissolved	98	mg/L		06/30/25 10:35	5	0.10	06/30/25 13:48	TJJ	EPA 6020A
Manganese, Dissolved	< 1.0	ug/L		06/30/25 10:35	5	1.0	06/30/25 13:48	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	14	ug/L		06/16/25 09:36	5	10	06/27/25 10:02	TJJ	EPA 6020A
Magnesium	99	mg/L		06/16/25 09:36	5	0.10	06/27/25 10:02	TJJ	EPA 6020A
Manganese	< 1.0	ug/L		06/16/25 09:36	5	1.0	06/27/25 10:02	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:16	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:16	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:16	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:16	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:16	BPT	EPA 8260B
cis-1,2-Dichloroethene	1.5	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:16	BPT	EPA 8260B
Chloroform	12	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:16	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:16	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:16	BPT	EPA 8260B
Tetrachloroethene	120	ug/L		06/18/25 09:40	10	10	06/18/25 17:13	BPT	EPA 8260B
Trichloroethene	10	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:16	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:16	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-06  
 Name: G211  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 12:05  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	230	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	3.6	mg/L		06/18/25 02:22	1	1.0	06/18/25 02:22	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	2.0	mg/L		06/18/25 02:22	1	1.0	06/18/25 02:22	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	390	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	3700	ug/L		06/30/25 10:35	5	10	06/30/25 14:21	TJJ	EPA 6020A
Magnesium, Dissolved	41	mg/L		06/30/25 10:35	5	0.10	06/30/25 14:21	TJJ	EPA 6020A
Manganese, Dissolved	290	ug/L		06/30/25 10:35	5	1.0	06/30/25 14:21	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	3400	ug/L		06/16/25 09:36	5	10	06/27/25 10:37	TJJ	EPA 6020A
Magnesium	41	mg/L		06/16/25 09:36	5	0.10	06/27/25 10:37	TJJ	EPA 6020A
Manganese	270	ug/L		06/16/25 09:36	5	1.0	06/27/25 10:37	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 16:44	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IF02765-07  
Name: G547  
Matrix: Ground Water - Grab

Sampled: 06/11/25 10:45  
Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	840	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	47	mg/L		06/18/25 03:01	5	5.0	06/18/25 03:01	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	5.1	mg/L		06/18/25 02:41	1	1.0	06/18/25 02:41	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	640	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	9800	ug/L		06/30/25 10:35	5	10	06/30/25 14:25	TJJ	EPA 6020A
Magnesium, Dissolved	0.37	mg/L		06/30/25 10:35	5	0.10	06/30/25 14:25	TJJ	EPA 6020A
Manganese, Dissolved	46	ug/L		06/30/25 10:35	5	1.0	06/30/25 14:25	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	8300	ug/L		06/16/25 09:36	5	10	06/27/25 10:40	TJJ	EPA 6020A
Magnesium	0.41	mg/L		06/16/25 09:36	5	0.10	06/27/25 10:40	TJJ	EPA 6020A
Manganese	34	ug/L		06/16/25 09:36	5	1.0	06/27/25 10:40	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	8.7	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:12	BPT	EPA 8260B
1,1-Dichloroethene	4.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:12	BPT	EPA 8260B
1,2-Dichloroethane	13	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:12	BPT	EPA 8260B
1,2-Dichloropropane	2.4	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:12	BPT	EPA 8260B
Benzene	610	ug/L		06/18/25 09:40	10	10	06/18/25 17:41	BPT	EPA 8260B
cis-1,2-Dichloroethene	530	ug/L		06/18/25 09:40	10	10	06/18/25 17:41	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:12	BPT	EPA 8260B
trans-1,2-Dichloroethene	37	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:12	BPT	EPA 8260B
Methylene chloride	16	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:12	BPT	EPA 8260B
Tetrachloroethene	150	ug/L		06/18/25 09:40	10	10	06/18/25 17:41	BPT	EPA 8260B
Trichloroethene	650	ug/L		06/18/25 09:40	10	10	06/18/25 17:41	BPT	EPA 8260B
Vinyl chloride	110	ug/L		06/18/25 09:40	10	10	06/18/25 17:41	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-08  
 Name: G564  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 11:08  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1700	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 5.0	mg/L		06/18/25 13:01	5	5.0	06/18/25 13:01	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	640	mg/L		06/18/25 03:39	100	100	06/18/25 03:39	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1500	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	10000	ug/L		06/30/25 10:35	5	10	06/30/25 14:28	TJJ	EPA 6020A
Magnesium, Dissolved	140	mg/L		06/30/25 10:35	5	0.10	06/30/25 14:28	TJJ	EPA 6020A
Manganese, Dissolved	380	ug/L		06/30/25 10:35	5	1.0	06/30/25 14:28	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	9500	ug/L		06/16/25 09:36	5	10	06/27/25 10:44	TJJ	EPA 6020A
Magnesium	150	mg/L		06/16/25 09:36	5	0.10	06/27/25 10:44	TJJ	EPA 6020A
Manganese	370	ug/L		06/16/25 09:36	5	1.0	06/27/25 10:44	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:40	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:40	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:40	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:40	BPT	EPA 8260B
Benzene	4.2	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:40	BPT	EPA 8260B
cis-1,2-Dichloroethene	160	ug/L		06/18/25 09:40	10	10	06/18/25 18:09	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:40	BPT	EPA 8260B
trans-1,2-Dichloroethene	5.1	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:40	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:40	BPT	EPA 8260B
Tetrachloroethene	7.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:40	BPT	EPA 8260B
Trichloroethene	2.3	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:40	BPT	EPA 8260B
Vinyl chloride	53	ug/L		06/17/25 10:11	1	1.0	06/17/25 17:40	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-09  
 Name: G570  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 12:16  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1400	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	3.8	mg/L		06/18/25 03:59	1	1.0	06/18/25 03:59	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	520	mg/L		06/18/25 04:18	100	100	06/18/25 04:18	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1300	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	2900	ug/L		06/30/25 10:35	5	10	06/30/25 14:32	TJJ	EPA 6020A
Magnesium, Dissolved	170	mg/L		06/30/25 10:35	5	0.10	06/30/25 14:32	TJJ	EPA 6020A
Manganese, Dissolved	80	ug/L		06/30/25 10:35	5	1.0	06/30/25 14:32	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	4200	ug/L		06/16/25 09:36	5	10	06/27/25 10:48	TJJ	EPA 6020A
Magnesium	170	mg/L		06/16/25 09:36	5	0.10	06/27/25 10:48	TJJ	EPA 6020A
Manganese	81	ug/L		06/16/25 09:36	5	1.0	06/27/25 10:48	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B
cis-1,2-Dichloroethene	2.6	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B
Trichloroethene	1.5	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:08	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IF02765-10  
Name: G575  
Matrix: Ground Water - Grab

Sampled: 06/11/25 11:21  
Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	500	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	7.1	mg/L		06/18/25 04:37	1	1.0	06/18/25 04:37	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	82	mg/L		06/18/25 04:57	10	10	06/18/25 04:57	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	560	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	14000	ug/L		06/30/25 10:35	5	10	06/30/25 14:36	TJJ	EPA 6020A
Magnesium, Dissolved	61	mg/L		06/30/25 10:35	5	0.10	06/30/25 14:36	TJJ	EPA 6020A
Manganese, Dissolved	96	ug/L		06/30/25 10:35	5	1.0	06/30/25 14:36	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	18000	ug/L		06/16/25 09:36	5	10	06/27/25 10:51	TJJ	EPA 6020A
Magnesium	62	mg/L		06/16/25 09:36	5	0.10	06/27/25 10:51	TJJ	EPA 6020A
Manganese	87	ug/L		06/16/25 09:36	5	1.0	06/27/25 10:51	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	44	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B
cis-1,2-Dichloroethene	5.3	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B
Chloroform	1.3	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B
Tetrachloroethene	8.2	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B
Trichloroethene	5.1	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 18:35	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IF02765-11  
Name: G591  
Matrix: Ground Water - Grab

Sampled: 06/11/25 11:41  
Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	590	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	23	mg/L		06/18/25 05:16	10	10	06/18/25 05:16	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	68	mg/L		06/18/25 05:16	10	10	06/18/25 05:16	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	500	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	4800	ug/L		06/30/25 10:35	5	10	06/30/25 14:39	TJJ	EPA 6020A
Magnesium, Dissolved	67	mg/L		06/30/25 10:35	5	0.10	06/30/25 14:39	TJJ	EPA 6020A
Manganese, Dissolved	410	ug/L		06/30/25 10:35	5	1.0	06/30/25 14:39	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	4400	ug/L		06/16/25 09:36	5	10	06/27/25 10:55	TJJ	EPA 6020A
Magnesium	67	mg/L		06/16/25 09:36	5	0.10	06/27/25 10:55	TJJ	EPA 6020A
Manganese	400	ug/L		06/16/25 09:36	5	1.0	06/27/25 10:55	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	28	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B
1,2-Dichloroethane	3.1	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B
1,2-Dichloropropane	7.2	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B
Benzene	23	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B
cis-1,2-Dichloroethene	3.7	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B
Trichloroethene	1.3	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B
Vinyl chloride	3.1	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:03	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-12  
 Name: G592  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 11:52  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	480	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	15	mg/L		06/18/25 06:34	10	10	06/18/25 06:34	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	77	mg/L		06/18/25 06:34	10	10	06/18/25 06:34	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	600	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	330	ug/L		06/30/25 10:35	5	10	06/30/25 14:43	TJJ	EPA 6020A
Magnesium, Dissolved	65	mg/L		06/30/25 10:35	5	0.10	06/30/25 14:43	TJJ	EPA 6020A
Manganese, Dissolved	1.9	ug/L		06/30/25 10:35	5	1.0	06/30/25 14:43	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	510	ug/L		06/16/25 09:36	5	10	06/27/25 10:59	TJJ	EPA 6020A
Magnesium	65	mg/L		06/16/25 09:36	5	0.10	06/27/25 10:59	TJJ	EPA 6020A
Manganese	2.1	ug/L		06/16/25 09:36	5	1.0	06/27/25 10:59	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	39	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B
cis-1,2-Dichloroethene	5.8	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B
Chloroform	1.2	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B
Tetrachloroethene	17	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B
Trichloroethene	3.5	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/17/25 10:11	1	1.0	06/17/25 19:31	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-13  
 Name: G594  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 11:30  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	420	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	13	mg/L		06/18/25 06:53	10	10	06/18/25 06:53	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	64	mg/L		06/18/25 06:53	10	10	06/18/25 06:53	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	460	mg/L		06/13/25 08:53	1	26	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	1900	ug/L		06/30/25 10:35	5	10	06/30/25 14:47	TJJ	EPA 6020A
Magnesium, Dissolved	55	mg/L		06/30/25 10:35	5	0.10	06/30/25 14:47	TJJ	EPA 6020A
Manganese, Dissolved	46	ug/L		06/30/25 10:35	5	1.0	06/30/25 14:47	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	6900	ug/L		06/16/25 09:36	5	10	06/27/25 11:02	TJJ	EPA 6020A
Magnesium	53	mg/L		06/16/25 09:36	5	0.10	06/27/25 11:02	TJJ	EPA 6020A
Manganese	110	ug/L		06/16/25 09:36	5	1.0	06/27/25 11:02	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B
cis-1,2-Dichloroethene	84	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B
trans-1,2-Dichloroethene	2.7	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B
Tetrachloroethene	1.5	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B
Trichloroethene	4.6	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 12:30	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IF02765-14  
Name: S501  
Matrix: Surface Water - Grab

Sampled: 06/11/25 13:37  
Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1500	mg/L		06/13/25 09:35	1	34	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	5.6	mg/L		06/23/25 11:58	1	1.0	06/23/25 11:58	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	820	mg/L		06/23/25 12:14	250	250	06/23/25 12:14	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1400	mg/L		06/13/25 08:53	1	34	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	38	ug/L		06/30/25 10:35	5	10	06/30/25 14:50	TJJ	EPA 6020A
Magnesium, Dissolved	180	mg/L		06/30/25 10:35	5	0.10	06/30/25 14:50	TJJ	EPA 6020A
Manganese, Dissolved	7.7	ug/L		06/30/25 10:35	5	1.0	06/30/25 14:50	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	49	ug/L		06/16/25 09:36	5	10	06/27/25 11:06	TJJ	EPA 6020A
Magnesium	180	mg/L		06/16/25 09:36	5	0.10	06/27/25 11:06	TJJ	EPA 6020A
Manganese	8.2	ug/L		06/16/25 09:36	5	1.0	06/27/25 11:06	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B
cis-1,2-Dichloroethene	1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:04	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-15  
 Name: S502  
 Matrix: Surface Water - Grab

Sampled: 06/11/25 14:00  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1500	mg/L		06/13/25 09:35	1	34	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	5.6	mg/L		06/23/25 12:31	1	1.0	06/23/25 12:31	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	800	mg/L		06/23/25 12:48	250	250	06/23/25 12:48	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1400	mg/L		06/13/25 08:53	1	34	06/13/25 12:01	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	27	ug/L		06/30/25 10:35	5	10	06/30/25 14:54	TJJ	EPA 6020A
Magnesium, Dissolved	180	mg/L		06/30/25 10:35	5	0.10	06/30/25 14:54	TJJ	EPA 6020A
Manganese, Dissolved	8.8	ug/L		06/30/25 10:35	5	1.0	06/30/25 14:54	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	38	ug/L		06/16/25 09:36	5	10	06/27/25 11:10	TJJ	EPA 6020A
Magnesium	180	mg/L		06/16/25 09:36	5	0.10	06/27/25 11:10	TJJ	EPA 6020A
Manganese	8.6	ug/L		06/16/25 09:36	5	1.0	06/27/25 11:10	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B
cis-1,2-Dichloroethene	1.3	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 19:32	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IF02765-16  
Name: FIELD BLANK 1  
Matrix: Surface Water - Grab

Sampled: 06/11/25 10:26  
Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	87	mg/L		06/13/25 09:35	1	17	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 1.0	mg/L		06/23/25 13:06	1	1.0	06/23/25 13:06	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	< 1.0	mg/L		06/23/25 13:06	1	1.0	06/23/25 13:06	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	< 17	mg/L		06/16/25 12:21	1	17	06/17/25 00:00	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	< 10	ug/L		06/30/25 10:35	5	10	06/30/25 15:05	TJJ	EPA 6020A
Magnesium, Dissolved	< 0.10	mg/L		06/30/25 10:35	5	0.10	06/30/25 15:05	TJJ	EPA 6020A
Manganese, Dissolved	< 1.0	ug/L		06/30/25 10:35	5	1.0	06/30/25 15:05	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	< 10	ug/L		06/16/25 09:36	5	10	06/27/25 11:33	TJJ	EPA 6020A
Magnesium	< 0.10	mg/L		06/16/25 09:36	5	0.10	06/27/25 11:33	TJJ	EPA 6020A
Manganese	< 1.0	ug/L		06/16/25 09:36	5	1.0	06/27/25 11:33	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:00	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IF02765-17  
Name: FIELD BLANK 2  
Matrix: Surface Water - Grab

Sampled: 06/11/25 12:20  
Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	< 17	mg/L		06/13/25 09:35	1	17	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 1.0	mg/L		06/23/25 13:23	1	1.0	06/23/25 13:23	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	< 1.0	mg/L		06/23/25 13:23	1	1.0	06/23/25 13:23	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	< 17	mg/L		06/17/25 10:45	1	17	06/17/25 13:18	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	< 10	ug/L		06/30/25 10:35	5	10	06/30/25 15:09	TJJ	EPA 6020A
Magnesium, Dissolved	< 0.10	mg/L		06/30/25 10:35	5	0.10	06/30/25 15:09	TJJ	EPA 6020A
Manganese, Dissolved	< 1.0	ug/L		06/30/25 10:35	5	1.0	06/30/25 15:09	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	< 10	ug/L		06/16/25 09:36	5	10	06/27/25 11:36	TJJ	EPA 6020A
Magnesium	< 0.10	mg/L		06/16/25 09:36	5	0.10	06/27/25 11:36	TJJ	EPA 6020A
Manganese	< 1.0	ug/L		06/16/25 09:36	5	1.0	06/27/25 11:36	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:28	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-18  
 Name: G142  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 09:38  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1300	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	6.4	mg/L		06/23/25 13:40	1	1.0	06/23/25 13:40	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	60	mg/L	Q4	06/23/25 13:57	25	25	06/23/25 13:57	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	560	mg/L		06/17/25 10:45	1	26	06/17/25 13:18	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	6900	ug/L		06/30/25 10:35	5	10	06/30/25 15:13	TJJ	EPA 6020A
Magnesium, Dissolved	77	mg/L		06/30/25 10:35	5	0.10	06/30/25 15:13	TJJ	EPA 6020A
Manganese, Dissolved	1200	ug/L		06/30/25 10:35	5	1.0	06/30/25 15:13	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	14000	ug/L		06/16/25 09:36	5	10	06/27/25 11:40	TJJ	EPA 6020A
Magnesium	85	mg/L		06/16/25 09:36	5	0.10	06/27/25 11:40	TJJ	EPA 6020A
Manganese	1200	ug/L		06/16/25 09:36	5	1.0	06/27/25 11:40	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 20:56	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-19  
 Name: G192  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 09:26  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	410	mg/L		06/13/25 09:35	1	26	06/13/25 12:52	CFM	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	1.7	mg/L		06/23/25 15:22	1	1.0	06/23/25 15:22	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	68	mg/L	Q4	06/23/25 15:39	10	10	06/23/25 15:39	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	550	mg/L		06/17/25 10:45	1	26	06/17/25 13:18	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	79	ug/L		06/30/25 10:35	5	10	06/30/25 15:16	TJJ	EPA 6020A
Magnesium, Dissolved	49	mg/L		06/30/25 10:35	5	0.10	06/30/25 15:16	TJJ	EPA 6020A
Manganese, Dissolved	13	ug/L		06/30/25 10:35	5	1.0	06/30/25 15:16	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	140	ug/L		06/16/25 09:36	5	10	06/27/25 11:44	TJJ	EPA 6020A
Magnesium	50	mg/L		06/16/25 09:36	5	0.10	06/27/25 11:44	TJJ	EPA 6020A
Manganese	12	ug/L		06/16/25 09:36	5	1.0	06/27/25 11:44	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/18/25 09:40	1	1.0	06/18/25 21:24	BPT	EPA 8260B



ANALYTICAL RESULTS

Sample: IF02765-20
Name: G148
Matrix: Ground Water - Grab

Sampled: 06/11/25 08:35
Received: 06/12/25 10:15

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include General Chemistry - PIA, Soluble Anions - PIA, Soluble General Chemistry - PIA, Soluble Metals - PIA, Total Metals - PIA, and Volatile Organics - PIA.



**ANALYTICAL RESULTS**

Sample: IF02765-21  
 Name: G149  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 08:50  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1400	mg/L		06/13/25 09:38	1	26	06/13/25 11:54	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	5.8	mg/L		06/23/25 16:48	1	1.0	06/23/25 16:48	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	590	mg/L		06/25/25 00:52	100	100	06/25/25 00:52	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1400	mg/L		06/17/25 10:45	1	26	06/17/25 13:18	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	6500	ug/L		06/30/25 10:35	5	10	06/30/25 15:24	TJJ	EPA 6020A
Magnesium, Dissolved	120	mg/L		06/30/25 10:35	5	0.10	06/30/25 15:24	TJJ	EPA 6020A
Manganese, Dissolved	2300	ug/L		06/30/25 10:35	5	1.0	06/30/25 15:24	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	5600	ug/L		06/17/25 09:31	5	10	06/27/25 13:57	TJJ	EPA 6020A
Magnesium	120	mg/L		06/17/25 09:31	5	0.10	06/30/25 11:23	TJJ	EPA 6020A
Manganese	2100	ug/L		06/17/25 09:31	5	1.0	06/27/25 13:57	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:26	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:26	BPT	EPA 8260B
1,2-Dichloroethane	1.5	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:26	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:26	BPT	EPA 8260B
Benzene	1.5	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:26	BPT	EPA 8260B
cis-1,2-Dichloroethene	160	ug/L		06/19/25 09:53	5	5.0	06/19/25 16:13	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:26	BPT	EPA 8260B
trans-1,2-Dichloroethene	1.8	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:26	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:26	BPT	EPA 8260B
Tetrachloroethene	46	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:26	BPT	EPA 8260B
Trichloroethene	20	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:26	BPT	EPA 8260B
Vinyl chloride	2.1	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:26	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-22  
 Name: G155  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 09:02  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1900	mg/L		06/13/25 09:38	1	26	06/13/25 11:54	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	4.7	mg/L		06/23/25 17:05	1	1.0	06/23/25 17:05	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	710	mg/L		06/25/25 11:05	250	250	06/25/25 11:05	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1900	mg/L		06/17/25 10:45	1	26	06/17/25 13:18	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	1300	ug/L		06/30/25 10:35	5	10	06/30/25 15:27	TJJ	EPA 6020A
Magnesium, Dissolved	160	mg/L		06/30/25 10:35	5	0.10	06/30/25 15:27	TJJ	EPA 6020A
Manganese, Dissolved	100	ug/L		06/30/25 10:35	5	1.0	06/30/25 15:27	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	2800	ug/L		06/17/25 09:31	5	10	06/27/25 14:01	TJJ	EPA 6020A
Magnesium	160	mg/L		06/17/25 09:31	5	0.10	06/30/25 11:26	TJJ	EPA 6020A
Manganese	110	ug/L		06/17/25 09:31	5	1.0	06/27/25 14:01	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 13:54	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-23  
 Name: G156  
 Matrix: Ground Water - Grab

Sampled: 06/11/25 09:13  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	530	mg/L		06/13/25 09:38	1	26	06/13/25 11:54	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	3.0	mg/L		06/23/25 17:22	1	1.0	06/23/25 17:22	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	110	mg/L		06/25/25 11:25	25	25	06/25/25 11:25	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	530	mg/L		06/17/25 10:45	1	26	06/17/25 13:18	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	100	ug/L		06/30/25 10:35	5	10	06/30/25 15:31	TJJ	EPA 6020A
Magnesium, Dissolved	55	mg/L		06/30/25 10:35	5	0.10	06/30/25 15:31	TJJ	EPA 6020A
Manganese, Dissolved	300	ug/L		06/30/25 10:35	5	1.0	06/30/25 15:31	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	200	ug/L		06/17/25 09:31	5	10	06/27/25 14:04	TJJ	EPA 6020A
Magnesium	55	mg/L		06/17/25 09:31	5	0.10	06/30/25 11:30	TJJ	EPA 6020A
Manganese	280	ug/L		06/17/25 09:31	5	1.0	06/27/25 14:04	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:21	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IF02765-24  
 Name: EQUIPMENT BLANK  
 Matrix: Surface Water - Grab

Sampled: 06/11/25 15:35  
 Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	< 17	mg/L		06/13/25 09:38	1	17	06/13/25 11:54	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 1.0	mg/L		06/23/25 18:13	1	1.0	06/23/25 18:13	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	< 1.0	mg/L		06/23/25 18:13	1	1.0	06/23/25 18:13	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	< 17	mg/L		06/17/25 10:45	1	17	06/17/25 13:18	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	10	ug/L		06/30/25 10:35	5	10	06/30/25 15:35	TJJ	EPA 6020A
Magnesium, Dissolved	< 0.10	mg/L		06/30/25 10:35	5	0.10	06/30/25 15:35	TJJ	EPA 6020A
Manganese, Dissolved	< 1.0	ug/L		06/30/25 10:35	5	1.0	06/30/25 15:35	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	12	ug/L		06/17/25 09:31	5	10	06/27/25 14:12	TJJ	EPA 6020A
Magnesium	< 0.10	mg/L		06/17/25 09:31	5	0.10	06/30/25 11:34	TJJ	EPA 6020A
Manganese	< 1.0	ug/L		06/17/25 09:31	5	1.0	06/27/25 14:12	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 14:49	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IF02765-25  
Name: TRIP BLANK  
Matrix: Surface Water - Grab

Sampled: 06/11/25 16:00  
Received: 06/12/25 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	< 17	mg/L		06/13/25 09:38	1	17	06/13/25 11:54	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 1.0	mg/L		06/23/25 18:30	1	1.0	06/23/25 18:30	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	< 1.0	mg/L		06/23/25 18:30	1	1.0	06/23/25 18:30	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	< 17	mg/L		06/17/25 10:45	1	17	06/17/25 13:18	CFM	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	< 10	ug/L		06/30/25 10:35	5	10	06/30/25 15:39	TJJ	EPA 6020A
Magnesium, Dissolved	< 0.10	mg/L		06/30/25 10:35	5	0.10	06/30/25 15:39	TJJ	EPA 6020A
Manganese, Dissolved	< 1.0	ug/L		06/30/25 10:35	5	1.0	06/30/25 15:39	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	14	ug/L		06/17/25 09:31	5	10	06/27/25 15:11	TJJ	EPA 6020A
Magnesium	< 0.10	mg/L		06/17/25 09:31	5	0.10	06/30/25 11:38	TJJ	EPA 6020A
Manganese	< 1.0	ug/L		06/17/25 09:31	5	1.0	06/27/25 15:11	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B
Benzene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		06/19/25 09:53	1	1.0	06/19/25 15:17	BPT	EPA 8260B



NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

\* Not a TNI accredited analyte

**Certifications**

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

**Qualifiers**

- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- Q4 The matrix spike recovery result is unusable since the analyte concentration in the sample is greater than four times the spike level. The associated blank spike was acceptable.



Certified by: Diane Billings, Project Manager



REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

**CHAIN OF CUSTODY RECORD**  
STATE WHERE SAMPLE COLLECTED IL

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT <b>US ECOLOGY</b>	PROJECT NUMBER <b>LTSP Spring 2025</b>	PROJECT LOCATION <b>USEcology Sheffield, IL</b>	PURCHASE ORDER # —	3 ANALYSIS REQUESTED	4 (FOR LAB USE ONLY) LOGIN# <b>F02765</b> LOGGED BY: _____
	ADDRESS <b>PO BOX 206</b>	PHONE NUMBER <b>815-454-2342</b>	E-MAIL <b>DLongZ@republicservices.com</b>		
CITY <b>SHEFFIELD IL 61361</b>	SAMPLER (PLEASE PRINT) <b>Shawn Long</b>		MATRIX TYPES: WA- WASTE WATER DA- DRINKING WATER GA- GROUND WATER SL- SLUDGE NA- NON AQUEOUS SOLID L- LEACHATE O- OIL SO- SOIL S- SOLID		
CONTACT PERSON <b>DOUG LONG</b>	SAMPLER'S SIGNATURE <b>Shawn Long</b>				

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE		MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	CL*, SO4*, TDS*, TS	FE**, MG**, MN**	VOA	REMARKS
			GRAB	COMP							
<b>G575</b>	<b>6-11-25</b>	<b>1121</b>	X		<b>GW</b>	<b>7</b>	<b>1,3,6</b>	X	X	X	<b>*DISSOLVED</b>
<b>G591</b>		<b>1141</b>	X		<b>GW</b>	<b>7</b>	<b>1,3,6</b>	X	X	X	<b>** TOTAL &amp; DISSOLVED</b>
<b>G592</b>		<b>1152</b>	X		<b>GW</b>	<b>7</b>	<b>1,3,6</b>	X	X	X	
<b>G594</b>		<b>1130</b>	X		<b>GW</b>	<b>7</b>	<b>1,3,6</b>	X	X	X	
<b>G600</b> <i>Dry</i>		—	X		<b>GW</b>	<b>7</b>	<b>1,3,6</b>	X	X	X	
<b>S501</b>		<b>1337</b>	X		<b>SW</b>	<b>7</b>	<b>1,3,6</b>	X	X	X	
<b>S502</b>		<b>1400</b>	X		<b>SW</b>	<b>7</b>	<b>1,3,6</b>	X	X	X	
<b>FIELD BLANK 1</b>		<b>1026</b>	X		<b>DI</b>	<b>7</b>	<b>1,3,6</b>	X	X	X	
<b>FIELD BLANK 2</b>		<b>1220</b>	X		<b>DI</b>	<b>7</b>	<b>1,3,6</b>	X	X	X	

CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER

5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)	DATE RESULTS NEEDED	6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE		PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____

7 RELINQUISHED BY: (SIGNATURE) <b>Shawn Long</b>	DATE <b>6-12-25</b>	RECEIVED BY: (SIGNATURE)	DATE	8 COMMENTS: (FOR LAB USE ONLY)
	TIME <b>1015</b>		TIME	
RELINQUISHED BY: (SIGNATURE)	DATE	RECEIVED BY: (SIGNATURE)	DATE	SAMPLE TEMPERATURE UPON RECEIPT _____ °C CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N DATE AND TIME TAKEN FROM SAMPLE BOTTLE _____
	TIME		TIME	
RELINQUISHED BY: (SIGNATURE)	DATE	RECEIVED BY: (SIGNATURE)	DATE <b>6/25</b>	
	TIME		TIME <b>1015</b>	

REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

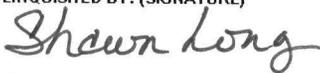
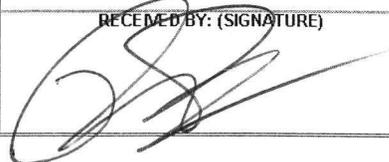
ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

<b>1</b> CLIENT <b>US ECOLOGY</b>		PROJECT NUMBER <b>LTSP Spring 2025</b>	PROJECT LOCATION <b>USEcology Sheffield, IL</b>	PURCHASE ORDER # —	<b>3</b> ANALYSIS REQUESTED	<b>4</b> (FOR LAB USE ONLY) LOGIN # <b>1F02765</b> LOGGED BY: _____ CLIENT: US ECOLOGY - SHEFFIELD PROJECT: USE LTSP 2502 PROJ. MGR. Diane Billings
ADDRESS <b>PO BOX 206</b>		PHONE NUMBER <b>815-454-2342</b>	E-MAIL <b>DLong2@republicservices.com</b>	DATE SHIPPED <b>6-12-25</b>	<b>CL*, SO4*, TDS*, TS</b> <b>FE**, MG**, MN**</b> <b>VOA</b>	REMARKS
CITY <b>SHEFFIELD IL 61361</b>	SAMPLER (PLEASE PRINT) <b>Shawn Long</b>	MATRIX TYPES: <small>           WA - WASTEWATER            DW - DRINKING WATER            GW - GROUND WATER            S - SLUDGE            SAS - NON AQUEOUS SOLID            LCHL - LEACHATE            OIL-OIL            SO-SOIL            SOL-SOLID         </small>				
CONTACT PERSON <b>DOUG LONG</b>	SAMPLER'S SIGNATURE 					

2	SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE		MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	CL*	SO4*	TDS*	TS	FE**	MG**	MN**	VOA	REMARKS
				GRAB	COMP												
	G142	6-11-25	0938	X		GW	7	1,3,6	X	X	X						*DISSOLVED
	G192	↓	0926	X		GW	7	1,3,6	X	X	X						** TOTAL & DISSOLVED
	G148		0835	X		GW	7	1,3,6	X	X	X						
	G149		0850	X		GW	7	1,3,6	X	X	X						
	G155		0902	X		GW	7	1,3,6	X	X	X						
	G156		0913	X		GW	7	1,3,6	X	X	X						

CHEMICAL PRESERVATION CODES: 1 - HCL 2 - H2SO4 3 - HNO3 4 - NAOH 5 - NA2S2O3 6 - UNPRESERVED 7 - OTHER

<b>5</b> TURNAROUND TIME REQUESTED (PLEASE CIRCLE) <input type="checkbox"/> NORMAL <input type="checkbox"/> RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)	DATE RESULTS NEEDED	<b>6</b> I understand that by initiating this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may <u>NOT</u> be acceptable to report to all regulatory authorities.
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL <input type="checkbox"/> PHONE <input type="checkbox"/>	PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____	
EMAIL # DIFFERENT FROM ABOVE: _____	PHONE # IF DIFFERENT FROM ABOVE: _____	

<b>7</b> RELINQUISHED BY: (SIGNATURE) 	DATE <b>6-12-25</b> TIME <b>1015</b>	RECEIVED BY: (SIGNATURE)	DATE TIME	<b>8</b> COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT _____ °C CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N DATE AND TIME TAKEN FROM SAMPLE BOTTLE _____
RELINQUISHED BY: (SIGNATURE)	DATE TIME	RECEIVED BY: (SIGNATURE)	DATE TIME	
RELINQUISHED BY: (SIGNATURE)	DATE TIME		DATE <b>6/22/25</b> TIME <b>1615</b>	



REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT <b>US ECOLOGY</b>	PROJECT NUMBER <b>LTSP Spring 2025</b>	PROJECT LOCATION <b>USEcology Sheffield, IL</b>	PURCHASE ORDER # —	3 ANALYSIS REQUESTED	4 (FOR LAB USE ONLY) LOGIN # <b>1F02765</b> LOGGED BY: _____
	ADDRESS <b>PO BOX 206</b>	PHONE NUMBER 815-454-2342	E-MAIL <b>DLong2@ republicservices.com</b>		
CITY STATE ZIP <b>SHEFFIELD IL 61361</b>	SAMPLER (PLEASE PRINT) <b>Shawn Long</b>	MATRIX TYPES: <small>WASTE WATER        DRINKING WATER        GROUND WATER        SLUDGE        NON-AQUEOUS SOLID        LEACHATE        SOIL        SOLID</small>		CL*, SO4*, TDS*, TS FE**, MG**, MN** VOA	REMARKS
CONTACT PERSON <b>DOUG LONG</b>	SAMPLER'S SIGNATURE <b>Shawn Long</b>				

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE		MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	CL*, SO4*, TDS*, TS	FE**, MG**, MN**	VOA	REMARKS
			GRAB	COMP							
EQUIPMENT BLANK	6-11-25	1535	X		DI	7	1,3,6	X	X	X	*DISSOLVED
TRIP BLANK	↓	1600	X		DI	7	1,3,6	X	X	X	** TOTAL & DISSOLVED

CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER

5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)	DATE RESULTS NEEDED	6 I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE		PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:		

7 RELINQUISHED BY: (SIGNATURE) <b>Shawn Long</b>	DATE <b>6-12-25</b>	RECEIVED BY: (SIGNATURE)	DATE	8 COMMENTS: (FOR LAB USE ONLY)
	TIME <b>1015</b>		TIME	
	RELINQUISHED BY: (SIGNATURE)	DATE	RECEIVED BY: (SIGNATURE)	
	TIME		TIME	SAMPLE TEMPERATURE UPON RECEIPT _____ °C
RELINQUISHED BY: (SIGNATURE)	DATE	RECEIVED BY: (SIGNATURE)	DATE <b>6/22/25</b>	CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
	TIME		TIME <b>1015</b>	SAMPLE(S) RECEIVED ON ICE Y OR N
				SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N
				DATE AND TIME TAKEN FROM SAMPLE BOTTLE _____

# ENV-FRM-PEOR-0098 v05\_Sample Condition Upon Receipt

Client Name: US Ecology Work Order #: IF02765 Completed by / Date: JDG/225

Custody seal on cooler/box present and seal intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Chain of Custody (CoC) Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC is Legible:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler Name Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler Signature Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Collection Date Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Collection Time Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC Relinquished by Client:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Unique Sample ID's Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC and Sample Container Labels Match:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample chilling process started prior to receipt: If yes, what type of ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Wet <input type="checkbox"/> Blue
Samples received within temperature compliance: ( $\leq 6^{\circ}\text{C}$ , but above freezing or received same day collected and chill process started prior to receipt)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Container(s) Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Containers Received Labeled and Labels are Legible:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Appropriate Bottles Received for Analysis Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sufficient Sample Volume Received:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Trip Blank(s) Received: If present, are they Listed on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials *If headspace is present, note sample ID and # of vials	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
All (Non-Field) Analysis Received Within Hold Times:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rush Turn Around Time Requested or Time Sensitive Analysis:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Short Hold Time Analysis (48 Hours or Less):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Client Notification/ Resolution:**

If checked, please see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

WORK ORDER #: IF 02765 INITIALS: NO

Plastic Bottles										
	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
P, U, 1000ml - Total	1	1								
P, U, 250ml	1	1	1							
P, U, 500ml - Total			1							
P, U, 500ml - Diss										
P, 250ml/500ml H <sub>2</sub> SO <sub>4</sub> - Total										
P, 250ml/500ml H <sub>2</sub> SO <sub>4</sub> - Diss										
P, 250ml/500ml NaOH										
P, 250ml/500ml HNO <sub>3</sub> - Total	1	1	1							
P, 250ml/500ml HNO <sub>3</sub> - Diss	1	1	1							
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC	1									
P, 2.5L HNO <sub>3</sub>										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>										
P, 16oz - Soil/Sludge										

Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml MeCl <sub>2</sub>										
A, G, 500ml H <sub>2</sub> SO <sub>4</sub>										
A, G, U, 500ml										
A, G, U, 250ml H <sub>2</sub> SO <sub>4</sub>										
A, G, U, 250ml										
A, V, 40ml H <sub>2</sub> SO <sub>4</sub>										
A, V, U, 60ml										

Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl	3	3	3							
C, V, U, 40ml										
C, V, 40ml Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										

Client Supplied										
Description										



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

October 18, 2025

Doug Long  
US Ecology, Inc. Sheffield  
PO Box 206  
Sheffield, IL 61361

RE: LTSP Fall 2025 Sampling, Sheffield IL

Dear Doug Long:

Please find enclosed the analytical results for the **25** sample(s) the laboratory received on **10/1/25 9:47 am** and logged in under work order **IJ00075**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or [lisa.grant@pacelabs.com](mailto:lisa.grant@pacelabs.com).

A handwritten signature in black ink that reads "Diane Billings".

Diane Billings  
Project Manager



**ANALYTICAL RESULTS**

**Sample:** IJ00075-01  
**Name:** G160  
**Matrix:** Ground Water - Grab

**Sampled:** 09/30/25 10:38  
**Received:** 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b><u>General Chemistry - PIA</u></b>									
Solids - total solids (TS)	3300	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b><u>Soluble Anions - PIA</u></b>									
Chloride, Dissolved	4.5	mg/L		10/08/25 16:34	1	1.0	10/08/25 16:34	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	1600	mg/L		10/08/25 16:51	250	250	10/08/25 16:51	JSM	EPA 300.0 REV 2.1
<b><u>Soluble General Chemistry - PIA</u></b>									
Solids - total dissolved solids (TDS)	2900	mg/L		10/02/25 09:28	1	26	10/02/25 13:54	ENH	SM 2540 C-2011
<b><u>Soluble Metals - PIA</u></b>									
Iron, Dissolved	1100	ug/L		10/14/25 12:57	5	10	10/14/25 16:14	TJJ	EPA 6020A
Magnesium, Dissolved	270	mg/L		10/14/25 12:57	5	0.10	10/14/25 16:14	TJJ	EPA 6020A
Manganese, Dissolved	1200	ug/L		10/14/25 12:57	5	1.0	10/14/25 16:14	TJJ	EPA 6020A
<b><u>Total Metals - PIA</u></b>									
Iron	910	ug/L		10/02/25 08:10	5	10	10/09/25 15:28	TJJ	EPA 6020A
Magnesium	270	mg/L	Q4	10/02/25 08:10	5	0.10	10/09/25 15:28	TJJ	EPA 6020A
Manganese	1300	ug/L		10/02/25 08:10	5	1.0	10/09/25 15:28	TJJ	EPA 6020A
<b><u>Volatile Organics - PIA</u></b>									
1,1-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 14:49	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-02  
 Name: G162  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 10:30  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	2800	mg/L	M	10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	7.2	mg/L		10/08/25 17:08	1	1.0	10/08/25 17:08	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	1600	mg/L		10/08/25 18:00	250	250	10/08/25 18:00	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	2500	mg/L		10/02/25 09:28	1	26	10/02/25 13:54	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	1100	ug/L		10/14/25 12:57	5	10	10/14/25 16:18	TJJ	EPA 6020A
Magnesium, Dissolved	230	mg/L		10/14/25 12:57	5	0.10	10/14/25 16:18	TJJ	EPA 6020A
Manganese, Dissolved	2700	ug/L		10/14/25 12:57	5	1.0	10/14/25 16:18	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	1100	ug/L		10/02/25 08:10	5	10	10/09/25 15:32	TJJ	EPA 6020A
Magnesium	230	mg/L		10/02/25 08:10	5	0.10	10/09/25 15:32	TJJ	EPA 6020A
Manganese	2800	ug/L		10/02/25 08:10	5	1.0	10/09/25 15:32	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 16:58	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IJ00075-03  
 Name: G165  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 10:10  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	720	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 1.0	mg/L		10/08/25 18:17	1	1.0	10/08/25 18:17	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	160	mg/L		10/08/25 18:34	100	100	10/08/25 18:34	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	580	mg/L		10/02/25 09:28	1	26	10/02/25 13:54	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	650	ug/L		10/14/25 12:57	5	10	10/14/25 16:22	TJJ	EPA 6020A
Magnesium, Dissolved	51	mg/L		10/14/25 12:57	5	0.10	10/14/25 16:22	TJJ	EPA 6020A
Manganese, Dissolved	86	ug/L		10/14/25 12:57	5	1.0	10/14/25 16:22	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	680	ug/L		10/02/25 08:10	5	10	10/09/25 15:35	TJJ	EPA 6020A
Magnesium	51	mg/L		10/02/25 08:10	5	0.10	10/09/25 15:35	TJJ	EPA 6020A
Manganese	88	ug/L		10/02/25 08:10	5	1.0	10/09/25 15:35	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B
cis-1,2-Dichloroethene	3.6	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:26	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IJ00075-04  
 Name: G166  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 10:20  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	640	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	3.0	mg/L		10/08/25 18:51	1	1.0	10/08/25 18:51	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	8.9	mg/L	Q4	10/08/25 18:51	1	1.0	10/08/25 18:51	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	520	mg/L		10/02/25 09:28	1	17	10/02/25 13:54	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	< 10	ug/L		10/14/25 12:57	5	10	10/14/25 16:26	TJJ	EPA 6020A
Magnesium, Dissolved	1.6	mg/L		10/14/25 12:57	5	0.10	10/14/25 16:26	TJJ	EPA 6020A
Manganese, Dissolved	12	ug/L		10/14/25 12:57	5	1.0	10/14/25 16:26	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	13	ug/L		10/02/25 08:10	5	10	10/09/25 15:47	TJJ	EPA 6020A
Magnesium	1.7	mg/L		10/02/25 08:10	5	0.10	10/09/25 15:47	TJJ	EPA 6020A
Manganese	13	ug/L		10/02/25 08:10	5	1.0	10/09/25 15:47	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 17:53	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-05  
 Name: G168  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 10:01  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1100	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	2.4	mg/L		10/08/25 19:59	1	1.0	10/08/25 19:59	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	290	mg/L		10/08/25 20:16	100	100	10/08/25 20:16	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	920	mg/L		10/02/25 09:28	1	17	10/02/25 13:54	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	< 10	ug/L		10/14/25 12:57	5	10	10/14/25 16:29	TJJ	EPA 6020A
Magnesium, Dissolved	94	mg/L		10/14/25 12:57	5	0.10	10/14/25 16:29	TJJ	EPA 6020A
Manganese, Dissolved	< 1.0	ug/L		10/14/25 12:57	5	1.0	10/14/25 16:29	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	< 10	ug/L		10/02/25 08:10	5	10	10/09/25 15:50	TJJ	EPA 6020A
Magnesium	92	mg/L		10/02/25 08:10	5	0.10	10/09/25 15:50	TJJ	EPA 6020A
Manganese	< 1.0	ug/L		10/02/25 08:10	5	1.0	10/09/25 15:50	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:21	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:21	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:21	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:21	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:21	BPT	EPA 8260B
cis-1,2-Dichloroethene	2.9	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:21	BPT	EPA 8260B
Chloroform	30	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:21	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:21	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:21	BPT	EPA 8260B
Tetrachloroethene	110	ug/L		10/09/25 09:46	10	10	10/09/25 19:45	BPT	EPA 8260B
Trichloroethene	13	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:21	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:21	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-06  
Name: G211  
Matrix: Ground Water - Grab

Sampled: 09/30/25 13:50  
Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	520	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	2.5	mg/L		10/08/25 20:33	1	1.0	10/08/25 20:33	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	2.3	mg/L		10/08/25 20:33	1	1.0	10/08/25 20:33	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	380	mg/L		10/02/25 09:28	1	26	10/02/25 13:54	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	3900	ug/L		10/14/25 12:57	5	10	10/14/25 16:33	TJJ	EPA 6020A
Magnesium, Dissolved	38	mg/L		10/14/25 12:57	5	0.10	10/14/25 16:33	TJJ	EPA 6020A
Manganese, Dissolved	280	ug/L		10/14/25 12:57	5	1.0	10/14/25 16:33	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	4200	ug/L		10/02/25 08:10	5	10	10/09/25 15:54	TJJ	EPA 6020A
Magnesium	38	mg/L		10/02/25 08:10	5	0.10	10/09/25 15:54	TJJ	EPA 6020A
Manganese	300	ug/L		10/02/25 08:10	5	1.0	10/09/25 15:54	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 18:49	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-07  
Name: G547  
Matrix: Ground Water - Grab

Sampled: 09/30/25 11:30  
Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	770	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	40	mg/L		10/08/25 22:16	10	10	10/08/25 22:16	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	< 5.0	mg/L		10/09/25 12:31	5	5.0	10/09/25 12:31	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	620	mg/L		10/02/25 09:28	1	26	10/02/25 13:54	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	4500	ug/L		10/14/25 12:57	5	10	10/14/25 16:37	TJJ	EPA 6020A
Magnesium, Dissolved	0.20	mg/L		10/14/25 12:57	5	0.10	10/14/25 16:37	TJJ	EPA 6020A
Manganese, Dissolved	22	ug/L		10/14/25 12:57	5	1.0	10/14/25 16:37	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	7100	ug/L		10/02/25 08:10	5	10	10/09/25 15:58	TJJ	EPA 6020A
Magnesium	0.23	mg/L		10/02/25 08:10	5	0.10	10/09/25 15:58	TJJ	EPA 6020A
Manganese	32	ug/L		10/02/25 08:10	5	1.0	10/09/25 15:58	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	6.9	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:17	BPT	EPA 8260B
1,1-Dichloroethene	3.8	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:17	BPT	EPA 8260B
1,2-Dichloroethane	10	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:17	BPT	EPA 8260B
1,2-Dichloropropane	1.9	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:17	BPT	EPA 8260B
Benzene	590	ug/L		10/09/25 09:46	10	10	10/09/25 20:13	BPT	EPA 8260B
cis-1,2-Dichloroethene	520	ug/L		10/09/25 09:46	10	10	10/09/25 20:13	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:17	BPT	EPA 8260B
trans-1,2-Dichloroethene	31	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:17	BPT	EPA 8260B
Methylene chloride	13	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:17	BPT	EPA 8260B
Tetrachloroethene	140	ug/L		10/09/25 09:46	10	10	10/09/25 20:13	BPT	EPA 8260B
Trichloroethene	610	ug/L		10/09/25 09:46	10	10	10/09/25 20:13	BPT	EPA 8260B
Vinyl chloride	150	ug/L		10/09/25 09:46	10	10	10/09/25 20:13	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IJ00075-08  
 Name: G564  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 12:55  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1800	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	4.9	mg/L		10/08/25 23:07	1	1.0	10/08/25 23:07	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	650	mg/L		10/08/25 23:24	100	100	10/08/25 23:24	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1500	mg/L		10/02/25 09:28	1	26	10/02/25 13:54	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	9700	ug/L		10/14/25 12:57	5	10	10/14/25 16:40	TJJ	EPA 6020A
Magnesium, Dissolved	140	mg/L		10/14/25 12:57	5	0.10	10/14/25 16:40	TJJ	EPA 6020A
Manganese, Dissolved	400	ug/L		10/14/25 12:57	5	1.0	10/14/25 16:40	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	9900	ug/L		10/02/25 08:10	5	10	10/09/25 16:01	TJJ	EPA 6020A
Magnesium	140	mg/L		10/02/25 08:10	5	0.10	10/09/25 16:01	TJJ	EPA 6020A
Manganese	410	ug/L		10/02/25 08:10	5	1.0	10/09/25 16:01	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:45	BPT	EPA 8260B
1,1-Dichloroethene	1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:45	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:45	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:45	BPT	EPA 8260B
Benzene	4.5	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:45	BPT	EPA 8260B
cis-1,2-Dichloroethene	180	ug/L		10/09/25 09:46	10	10	10/09/25 19:17	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:45	BPT	EPA 8260B
trans-1,2-Dichloroethene	4.1	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:45	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:45	BPT	EPA 8260B
Tetrachloroethene	7.9	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:45	BPT	EPA 8260B
Trichloroethene	< 10	ug/L		10/09/25 09:46	10	10	10/09/25 19:17	BPT	EPA 8260B
Vinyl chloride	54	ug/L		10/02/25 07:58	1	1.0	10/02/25 19:45	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-09  
Name: G570  
Matrix: Ground Water - Grab

Sampled: 09/30/25 14:00  
Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1000	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	2.0	mg/L		10/08/25 23:41	1	1.0	10/08/25 23:41	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	390	mg/L		10/08/25 23:58	100	100	10/08/25 23:58	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1100	mg/L		10/02/25 09:28	1	26	10/02/25 13:54	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	13000	ug/L		10/14/25 12:57	5	10	10/14/25 16:44	TJJ	EPA 6020A
Magnesium, Dissolved	140	mg/L		10/14/25 12:57	5	0.10	10/14/25 16:44	TJJ	EPA 6020A
Manganese, Dissolved	140	ug/L		10/14/25 12:57	5	1.0	10/14/25 16:44	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	13000	ug/L		10/02/25 08:10	5	10	10/09/25 16:05	TJJ	EPA 6020A
Magnesium	140	mg/L		10/02/25 08:10	5	0.10	10/09/25 16:05	TJJ	EPA 6020A
Manganese	130	ug/L		10/02/25 08:10	5	1.0	10/09/25 16:05	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B
cis-1,2-Dichloroethene	4.9	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B
Trichloroethene	1.4	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:02	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IJ00075-10  
 Name: G142  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 09:50  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1400	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	7.3	mg/L		10/09/25 00:50	1	1.0	10/09/25 00:50	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	84	mg/L		10/09/25 01:07	10	10	10/09/25 01:07	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	560	mg/L		10/02/25 09:28	1	26	10/02/25 13:54	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	16000	ug/L		10/16/25 09:05	5	10	10/16/25 10:59	TJJ	EPA 6020A
Magnesium, Dissolved	86	mg/L		10/16/25 09:05	5	0.10	10/16/25 10:59	TJJ	EPA 6020A
Manganese, Dissolved	910	ug/L		10/16/25 09:05	5	1.0	10/16/25 10:59	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	13000	ug/L		10/02/25 08:10	5	10	10/09/25 16:09	TJJ	EPA 6020A
Magnesium	74	mg/L		10/02/25 08:10	5	0.10	10/09/25 16:09	TJJ	EPA 6020A
Manganese	700	ug/L		10/02/25 08:10	5	1.0	10/09/25 16:09	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:30	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IJ00075-11  
 Name: G192  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 09:39  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	640	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	2.3	mg/L		10/09/25 01:24	1	1.0	10/09/25 01:24	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	98	mg/L		10/09/25 01:41	10	10	10/09/25 01:41	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	550	mg/L		10/02/25 09:28	1	17	10/02/25 13:54	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	52	ug/L		10/14/25 12:57	5	10	10/14/25 16:55	TJJ	EPA 6020A
Magnesium, Dissolved	49	mg/L		10/14/25 12:57	5	0.10	10/14/25 16:55	TJJ	EPA 6020A
Manganese, Dissolved	20	ug/L		10/14/25 12:57	5	1.0	10/14/25 16:55	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	70	ug/L		10/02/25 08:10	5	10	10/09/25 16:13	TJJ	EPA 6020A
Magnesium	48	mg/L		10/02/25 08:10	5	0.10	10/09/25 16:13	TJJ	EPA 6020A
Manganese	22	ug/L		10/02/25 08:10	5	1.0	10/09/25 16:13	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 16:58	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IJ00075-12  
 Name: G148  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 11:20  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	2200	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	4.6	mg/L		10/09/25 01:58	1	1.0	10/09/25 01:58	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	830	mg/L		10/09/25 12:48	250	250	10/09/25 12:48	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1900	mg/L		10/02/25 09:28	1	26	10/02/25 13:54	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	24000	ug/L		10/14/25 12:57	5	10	10/14/25 16:59	TJJ	EPA 6020A
Magnesium, Dissolved	160	mg/L		10/14/25 12:57	5	0.10	10/14/25 16:59	TJJ	EPA 6020A
Manganese, Dissolved	500	ug/L		10/14/25 12:57	5	1.0	10/14/25 16:59	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	29000	ug/L		10/02/25 08:10	5	10	10/09/25 16:16	TJJ	EPA 6020A
Magnesium	160	mg/L		10/02/25 08:10	5	0.10	10/09/25 16:16	TJJ	EPA 6020A
Manganese	570	ug/L		10/02/25 08:10	5	1.0	10/09/25 16:16	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:26	BPT	EPA 8260B
1,1-Dichloroethene	1.4	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:26	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:26	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:26	BPT	EPA 8260B
Benzene	1.3	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:26	BPT	EPA 8260B
cis-1,2-Dichloroethene	210	ug/L		10/13/25 07:41	10	10	10/13/25 14:08	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:26	BPT	EPA 8260B
trans-1,2-Dichloroethene	2.4	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:26	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:26	BPT	EPA 8260B
Tetrachloroethene	90	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:26	BPT	EPA 8260B
Trichloroethene	21	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:26	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:26	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-13  
Name: G149  
Matrix: Ground Water - Grab

Sampled: 09/30/25 11:10  
Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1300	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	5.8	mg/L		10/09/25 13:05	1	1.0	10/09/25 13:05	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	470	mg/L		10/09/25 13:22	100	100	10/09/25 13:22	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1000	mg/L		10/03/25 10:53	1	26	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	3000	ug/L		10/14/25 12:57	5	10	10/14/25 17:03	TJJ	EPA 6020A
Magnesium, Dissolved	95	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:03	TJJ	EPA 6020A
Manganese, Dissolved	1500	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:03	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	3000	ug/L		10/02/25 08:10	5	10	10/09/25 16:20	TJJ	EPA 6020A
Magnesium	95	mg/L		10/02/25 08:10	5	0.10	10/09/25 16:20	TJJ	EPA 6020A
Manganese	1600	ug/L		10/02/25 08:10	5	1.0	10/09/25 16:20	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:54	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:54	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:54	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:54	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:54	BPT	EPA 8260B
cis-1,2-Dichloroethene	49	ug/L		10/13/25 07:41	10	10	10/13/25 14:36	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:54	BPT	EPA 8260B
trans-1,2-Dichloroethene	1.3	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:54	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:54	BPT	EPA 8260B
Tetrachloroethene	11	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:54	BPT	EPA 8260B
Trichloroethene	8.9	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:54	BPT	EPA 8260B
Vinyl chloride	2.4	ug/L		10/09/25 09:46	1	1.0	10/09/25 17:54	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-14  
 Name: G155  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 11:00  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1900	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	5.7	mg/L		10/09/25 13:40	1	1.0	10/09/25 13:40	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	730	mg/L		10/09/25 13:57	100	100	10/09/25 13:57	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1600	mg/L		10/03/25 10:53	1	17	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	220	ug/L		10/14/25 12:57	5	10	10/14/25 17:06	TJJ	EPA 6020A
Magnesium, Dissolved	150	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:06	TJJ	EPA 6020A
Manganese, Dissolved	14	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:06	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	510	ug/L		10/02/25 08:10	5	10	10/09/25 16:31	TJJ	EPA 6020A
Magnesium	150	mg/L		10/02/25 08:10	5	0.10	10/09/25 16:31	TJJ	EPA 6020A
Manganese	19	ug/L		10/02/25 08:10	5	1.0	10/09/25 16:31	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:21	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-15  
 Name: G156  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 10:48  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	500	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	3.4	mg/L		10/09/25 14:14	1	1.0	10/09/25 14:14	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	49	mg/L	Q4	10/09/25 14:31	25	25	10/09/25 14:31	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	420	mg/L		10/03/25 10:53	1	17	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	140	ug/L		10/14/25 12:57	5	10	10/14/25 17:10	TJJ	EPA 6020A
Magnesium, Dissolved	41	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:10	TJJ	EPA 6020A
Manganese, Dissolved	830	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:10	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	190	ug/L		10/02/25 08:10	5	10	10/09/25 16:35	TJJ	EPA 6020A
Magnesium	40	mg/L		10/02/25 08:10	5	0.10	10/09/25 16:35	TJJ	EPA 6020A
Manganese	840	ug/L		10/02/25 08:10	5	1.0	10/09/25 16:35	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/09/25 09:46	1	1.0	10/09/25 18:49	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IJ00075-16  
 Name: G575  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 13:05  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	740	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	6.6	mg/L		10/09/25 15:56	1	1.0	10/09/25 15:56	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	79	mg/L	Q4	10/09/25 16:13	10	10	10/09/25 16:13	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	540	mg/L		10/03/25 10:53	1	26	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	9600	ug/L		10/14/25 12:57	5	10	10/14/25 17:14	TJJ	EPA 6020A
Magnesium, Dissolved	57	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:14	TJJ	EPA 6020A
Manganese, Dissolved	84	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:14	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	10000	ug/L		10/02/25 08:10	5	10	10/09/25 16:38	TJJ	EPA 6020A
Magnesium	58	mg/L		10/02/25 08:10	5	0.10	10/09/25 16:38	TJJ	EPA 6020A
Manganese	86	ug/L		10/02/25 08:10	5	1.0	10/09/25 16:38	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	47	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B
cis-1,2-Dichloroethene	4.4	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B
Chloroform	1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B
Tetrachloroethene	7.9	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B
Trichloroethene	5.4	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:04	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-17  
 Name: G591  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 13:25  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	700	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	16	mg/L		10/09/25 17:05	10	10	10/09/25 17:05	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	75	mg/L		10/09/25 17:05	10	10	10/09/25 17:05	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	520	mg/L		10/03/25 10:53	1	26	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	6000	ug/L		10/14/25 12:57	5	10	10/14/25 17:17	TJJ	EPA 6020A
Magnesium, Dissolved	66	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:17	TJJ	EPA 6020A
Manganese, Dissolved	540	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:17	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	6200	ug/L		10/02/25 08:10	5	10	10/09/25 16:42	TJJ	EPA 6020A
Magnesium	67	mg/L		10/02/25 08:10	5	0.10	10/09/25 16:42	TJJ	EPA 6020A
Manganese	570	ug/L		10/02/25 08:10	5	1.0	10/09/25 16:42	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	29	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B
1,2-Dichloroethane	3.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B
1,2-Dichloropropane	6.9	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B
Benzene	18	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B
cis-1,2-Dichloroethene	5.4	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B
Tetrachloroethene	2.4	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B
Trichloroethene	1.9	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B
Vinyl chloride	2.2	ug/L		10/13/25 07:41	1	1.0	10/13/25 15:32	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IJ00075-18  
 Name: G592  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 13:35  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	700	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	11	mg/L	Q4	10/09/25 17:39	10	10	10/09/25 17:39	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	74	mg/L	Q4	10/09/25 17:39	10	10	10/09/25 17:39	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	570	mg/L		10/03/25 10:53	1	17	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	150	ug/L		10/14/25 12:57	5	10	10/14/25 17:21	TJJ	EPA 6020A
Magnesium, Dissolved	61	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:21	TJJ	EPA 6020A
Manganese, Dissolved	3.2	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:21	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	140	ug/L		10/06/25 08:16	5	10	10/07/25 18:27	TJJ	EPA 6020A
Magnesium	61	mg/L		10/06/25 08:16	5	0.10	10/09/25 10:41	TJJ	EPA 6020A
Manganese	2.9	ug/L		10/06/25 08:16	5	1.0	10/07/25 18:27	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	52	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B
cis-1,2-Dichloroethene	5.6	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B
Chloroform	1.2	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B
Tetrachloroethene	20	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B
Trichloroethene	4.7	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:00	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-19  
Name: G594  
Matrix: Ground Water - Grab

Sampled: 09/30/25 13:13  
Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	560	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	5.3	mg/L		10/10/25 11:17	1	1.0	10/10/25 11:17	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	21	mg/L		10/09/25 19:04	10	10	10/09/25 19:04	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	420	mg/L		10/03/25 10:53	1	26	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	320	ug/L		10/14/25 12:57	5	10	10/14/25 17:25	TJJ	EPA 6020A
Magnesium, Dissolved	45	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:25	TJJ	EPA 6020A
Manganese, Dissolved	14	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:25	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	2200	ug/L		10/06/25 08:16	5	10	10/07/25 18:31	TJJ	EPA 6020A
Magnesium	46	mg/L		10/06/25 08:16	5	0.10	10/09/25 10:44	TJJ	EPA 6020A
Manganese	44	ug/L		10/06/25 08:16	5	1.0	10/07/25 18:31	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B
cis-1,2-Dichloroethene	23	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B
Tetrachloroethene	1.8	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B
Trichloroethene	1.1	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:28	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IJ00075-20  
 Name: S501  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 14:20  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1500	mg/L		10/06/25 16:12	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	6.5	mg/L		10/09/25 19:21	1	1.0	10/09/25 19:21	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	990	mg/L		10/09/25 19:38	250	250	10/09/25 19:38	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1400	mg/L		10/03/25 10:53	1	26	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	38	ug/L		10/14/25 12:57	5	10	10/14/25 17:28	TJJ	EPA 6020A
Magnesium, Dissolved	180	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:28	TJJ	EPA 6020A
Manganese, Dissolved	18	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:28	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	41	ug/L		10/06/25 08:16	5	10	10/07/25 18:34	TJJ	EPA 6020A
Magnesium	180	mg/L		10/06/25 08:16	5	0.10	10/09/25 10:48	TJJ	EPA 6020A
Manganese	21	ug/L		10/06/25 08:16	5	1.0	10/07/25 18:34	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 16:56	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-21  
 Name: S502  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 14:40  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	1800	mg/L		10/03/25 10:45	1	26	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	6.5	mg/L		10/09/25 19:55	1	1.0	10/09/25 19:55	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	930	mg/L		10/09/25 20:12	250	250	10/09/25 20:12	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	1400	mg/L		10/03/25 10:53	1	26	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	15	ug/L		10/14/25 12:57	5	10	10/14/25 17:39	TJJ	EPA 6020A
Magnesium, Dissolved	180	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:39	TJJ	EPA 6020A
Manganese, Dissolved	17	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:39	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	31	ug/L		10/06/25 08:16	5	10	10/07/25 18:38	TJJ	EPA 6020A
Magnesium	180	mg/L		10/06/25 08:16	5	0.10	10/09/25 11:15	TJJ	EPA 6020A
Manganese	20	ug/L		10/06/25 08:16	5	1.0	10/07/25 18:38	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:24	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-22  
 Name: FIELD BLANK 1  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 11:12  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	37	mg/L		10/03/25 10:45	1	17	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 1.0	mg/L		10/09/25 20:30	1	1.0	10/09/25 20:30	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	< 1.0	mg/L		10/09/25 20:30	1	1.0	10/09/25 20:30	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	< 17	mg/L		10/03/25 10:53	1	17	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	< 10	ug/L		10/14/25 12:57	5	10	10/14/25 17:43	TJJ	EPA 6020A
Magnesium, Dissolved	< 0.10	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:43	TJJ	EPA 6020A
Manganese, Dissolved	< 1.0	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:43	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	< 10	ug/L		10/06/25 08:16	5	10	10/07/25 18:42	TJJ	EPA 6020A
Magnesium	< 0.10	mg/L		10/06/25 08:16	5	0.10	10/09/25 11:19	TJJ	EPA 6020A
Manganese	< 1.0	ug/L		10/06/25 08:16	5	1.0	10/07/25 18:42	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 17:52	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-23  
Name: FIELD BLANK 2  
Matrix: Ground Water - Grab

Sampled: 09/30/25 14:05  
Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	< 17	mg/L		10/03/25 10:45	1	17	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 1.0	mg/L		10/09/25 20:47	1	1.0	10/09/25 20:47	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	< 1.0	mg/L		10/09/25 20:47	1	1.0	10/09/25 20:47	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	< 17	mg/L		10/03/25 10:53	1	17	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	< 10	ug/L		10/14/25 12:57	5	10	10/14/25 17:47	TJJ	EPA 6020A
Magnesium, Dissolved	< 0.10	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:47	TJJ	EPA 6020A
Manganese, Dissolved	< 1.0	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:47	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	10	ug/L		10/06/25 08:16	5	10	10/07/25 18:53	TJJ	EPA 6020A
Magnesium	< 0.10	mg/L		10/06/25 08:16	5	0.10	10/09/25 11:23	TJJ	EPA 6020A
Manganese	< 1.0	ug/L		10/06/25 08:16	5	1.0	10/07/25 18:53	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:20	BPT	EPA 8260B



## ANALYTICAL RESULTS

Sample: IJ00075-24  
Name: EQUIPMENT BLANK  
Matrix: Ground Water - Grab

Sampled: 09/30/25 15:00  
Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	< 17	mg/L		10/03/25 10:45	1	17	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 1.0	mg/L		10/09/25 21:04	1	1.0	10/09/25 21:04	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	< 1.0	mg/L		10/09/25 21:04	1	1.0	10/09/25 21:04	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	< 17	mg/L		10/03/25 10:53	1	17	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	< 10	ug/L		10/14/25 12:57	5	10	10/14/25 17:51	TJJ	EPA 6020A
Magnesium, Dissolved	< 0.10	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:51	TJJ	EPA 6020A
Manganese, Dissolved	< 1.0	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:51	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	< 10	ug/L		10/06/25 08:16	5	10	10/07/25 18:56	TJJ	EPA 6020A
Magnesium	< 0.10	mg/L		10/06/25 08:16	5	0.10	10/09/25 11:26	TJJ	EPA 6020A
Manganese	< 1.0	ug/L		10/06/25 08:16	5	1.0	10/07/25 18:56	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 18:48	BPT	EPA 8260B



**ANALYTICAL RESULTS**

Sample: IJ00075-25  
 Name: TRIP BLANK  
 Matrix: Ground Water - Grab

Sampled: 09/30/25 15:10  
 Received: 10/01/25 09:47

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>General Chemistry - PIA</b>									
Solids - total solids (TS)	27	mg/L		10/03/25 10:45	1	17	10/06/25 16:12	ENH	SM 2540 B-2011
<b>Soluble Anions - PIA</b>									
Chloride, Dissolved	< 1.0	mg/L		10/09/25 21:21	1	1.0	10/09/25 21:21	JSM	EPA 300.0 REV 2.1
Sulfate, Dissolved	< 1.0	mg/L		10/09/25 21:21	1	1.0	10/09/25 21:21	JSM	EPA 300.0 REV 2.1
<b>Soluble General Chemistry - PIA</b>									
Solids - total dissolved solids (TDS)	< 17	mg/L		10/03/25 10:53	1	17	10/03/25 13:26	ENH	SM 2540 C-2011
<b>Soluble Metals - PIA</b>									
Iron, Dissolved	< 10	ug/L		10/14/25 12:57	5	10	10/14/25 17:54	TJJ	EPA 6020A
Magnesium, Dissolved	< 0.10	mg/L		10/14/25 12:57	5	0.10	10/14/25 17:54	TJJ	EPA 6020A
Manganese, Dissolved	< 1.0	ug/L		10/14/25 12:57	5	1.0	10/14/25 17:54	TJJ	EPA 6020A
<b>Total Metals - PIA</b>									
Iron	< 10	ug/L		10/06/25 08:16	5	10	10/07/25 19:00	TJJ	EPA 6020A
Magnesium	< 0.10	mg/L		10/06/25 08:16	5	0.10	10/09/25 11:30	TJJ	EPA 6020A
Manganese	< 1.0	ug/L		10/06/25 08:16	5	1.0	10/07/25 19:00	TJJ	EPA 6020A
<b>Volatile Organics - PIA</b>									
1,1-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B
1,1-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B
1,2-Dichloroethane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B
1,2-Dichloropropane	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B
Benzene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B
cis-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B
Chloroform	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B
trans-1,2-Dichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B
Methylene chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B
Tetrachloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B
Trichloroethene	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B
Vinyl chloride	< 1.0	ug/L		10/13/25 07:41	1	1.0	10/13/25 19:16	BPT	EPA 8260B



NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

\* Not a TNI accredited analyte

**Certifications**

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

**Qualifiers**

- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- Q4 The matrix spike recovery result is unusable since the analyte concentration in the sample is greater than four times the spike level. The associated blank spike was acceptable.



Certified by: Diane Billings, Project Manager



REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

**CHAIN OF CUSTODY RECORD**  
 STATE WHERE SAMPLE COLLECTED IL

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

<b>1</b> CLIENT <b>US ECOLOGY</b>  ADDRESS <b>PO BOX 206</b>  CITY STATE ZIP <b>SHEFFIELD IL 61361</b>  CONTACT PERSON <b>DOUG LONG</b>	PROJECT NUMBER <b>LTSP Fall 2025 Sampling</b>	PROJECT LOCATION <b>Sheffield, Illinois</b>	PURCHASE ORDER # _____
	PHONE NUMBER <b>815-454-2342</b>	E-MAIL <b>DLong2@republicservices.com</b>	DATE SHIPPED <b>10-01-25</b>
	SAMPLER (PLEASE PRINT) <b>Shawn Long</b>	MATRIX TYPES: <small>           WW- WASTEWATER            DW- DRINKING WATER            GW- GROUND WATER            WWSL- SLUDGE            NAS- NON AQUEOUS SOLID            LCHL- LEACHATE            OIL-SOIL            SO-SOIL            SOL-SOLID         </small>	
	SAMPLER'S SIGNATURE 		

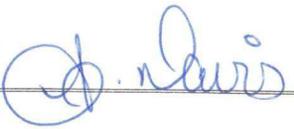
<b>3</b> ANALYSIS REQUESTED  CL*, SO4*, TDS*, TS FE**, MG**, MN** VOA	<b>4</b> (FOR LAB USE ONLY) LOGIN # <b>I100075</b> LOGGED BY: _____ CLIENT: US ECOLOGY - SHEFFIELD PROJECT: USE LTSP 25Q2 PROJ. MGR. Diane Billings
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2	SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE		MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	CL*	SO4*	TDS*	TS	FE**	MG**	MN**	VOA	REMARKS
				GRAB	COMP												
	G142	9-30-25	0950	X		GW	7	1,3,6	X	X	X						
	G192		0939	X		GW	7	1,3,6	X	X	X						*DISSOLVED
	G148		1120	X		GW	7	1,3,6	X	X	X						** TOTAL & DISSOLVED
	G149		1110	X		GW	7	1,3,6	X	X	X						
	G155		1100	X		GW	7	1,3,6	X	X	X						
	G156		1048	X		GW	7	1,3,6	X	X	X						

IR Gun # 20 Correction Factor (Deg C) +0.1  
 Observed Temp (Deg C) 13.2 Corrected Temp (Deg C) 13.3  
 Delivery Method: FedEx UPS Walk-in USPS Other

CHEMICAL PRESERVATION CODES: 1 - HCL 2 - H2SO4 3 - HNO3 4 - NAOH 5 - NA2S2O3 6 - UNPRESERVED 7 - OTHER

<b>5</b> TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)  RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE  EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:	<b>6</b> I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.  PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____
--	--

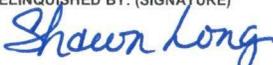
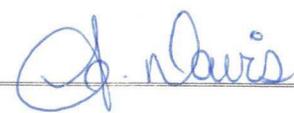
<b>7</b> RELINQUISHED BY: (SIGNATURE)  DATE <b>9-30-25</b> TIME <b>1630</b>	RECEIVED BY: (SIGNATURE)  DATE  TIME	<b>8</b> COMMENTS: (FOR LAB USE ONLY)  SAMPLE TEMPERATURE UPON RECEIPT _____ °C CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N DATE AND TIME TAKEN FROM SAMPLE BOTTLE _____
RELINQUISHED BY: (SIGNATURE)  DATE  TIME	RECEIVED BY: (SIGNATURE)  DATE  TIME	
RELINQUISHED BY: (SIGNATURE)  DATE  TIME	RECEIVED BY: (SIGNATURE)  DATE <b>10/1/25</b> TIME <b>9:47 A</b>	



REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES or IND/COMM

**CHAIN OF CUSTODY RECORD**  
STATE WHERE SAMPLE COLLECTED IL

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

<b>1</b> CLIENT <b>US ECOLOGY</b>		PROJECT NUMBER <b>LTSP Fall 2025 sampling</b>		PROJECT LOCATION <b>Sheffield, Illinois</b>		PURCHASE ORDER # _____		<b>3</b> ANALYSIS REQUESTED			<b>4</b> (FOR LAB USE ONLY) LOGIN # <b>IJ00075</b> LOGGED BY: _____					
ADDRESS <b>PO BOX 206</b>		PHONE NUMBER <b>815-454-2342</b>		E-MAIL <b>DLong2@republicservices.com</b>		DATE SHIPPED <b>10-01-25</b>		CL*, SO4*, TDS*, TS FE**, MG**, MN** VOA			REMARKS <b>*DISSOLVED</b> <b>** TOTAL &amp; DISSOLVED</b>					
CITY <b>SHEFFIELD IL 61361</b>		SAMPLER (PLEASE PRINT) <b>Shawn Long</b>		SAMPLER'S SIGNATURE 		MATRIX TYPES: <small>           WW- WASTEWATER            DW- DRINKING WATER            GW- GROUND WATER            WWSL- SLUDGE            NAS- NON AQUEOUS SOLID            LCHL- LEACHATE            OIL-OIL            SO-SOIL            SOL-SOLID         </small>										
CONTACT PERSON <b>DOUG LONG</b>		DATE COLLECTED <b>9-30-25</b>		TIME COLLECTED <b>1500</b>		SAMPLE TYPE <small>GRAB COMP</small> <b>X</b>							MATRIX TYPE <b>DI</b>		BOTTLE COUNT <b>7</b>	
<b>2</b> SAMPLE DESCRIPTION <small>(UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)</small>		EQUIPMENT BLANK		TRIP BLANK		X		DI		7		1,3,6		X X X		
IR Gun # <b>20</b> Correction Factor (Deg C) <b>10.1</b> Observed Temp (Deg C) <b>11.6</b> Corrected Temp (Deg C) <b>11.7</b> Delivery Method: FedEx UPS Walk-in USPS Other																
CHEMICAL PRESERVATION CODES: 1 - HCL 2 - H2SO4 3 - HNO3 4 - NAOH 5 - NA2S2O3 6 - UNPRESERVED 7 - OTHER													<b>5</b> TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH <small>(RUSH TAT IS SUBJECT TO PACE LABS APPROVAL AND SURCHARGE)</small> RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:		<b>6</b> DATE RESULTS NEEDED I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities. PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____	
<b>7</b> RELINQUISHED BY: (SIGNATURE) 		DATE <b>9-30-25</b>		RECEIVED BY: (SIGNATURE) 		DATE <b>10-1-25</b>		TIME <b>9:47A</b>		<b>8</b> COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT _____ °C CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N DATE AND TIME TAKEN FROM SAMPLE BOTTLE _____						
RELINQUISHED BY: (SIGNATURE)		DATE		RECEIVED BY: (SIGNATURE)		DATE		TIME								
RELINQUISHED BY: (SIGNATURE)		DATE		RECEIVED BY: (SIGNATURE)		DATE		TIME								

# ENV-FRM-PEOR-0098 v05\_Sample Condition Upon Receipt

Client Name: US Ecology

Work Order #: \_\_\_\_\_

Completed by / Date: JN 10/25

Custody seal on cooler/box present and seal intact:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Chain of Custody (CoC) Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC is Legible:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler Name Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler Signature Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Collection Date Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Collection Time Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC Relinquished by Client:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Unique Sample ID's Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC and Sample Container Labels Match:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample chilling process started prior to receipt: If yes, what type of ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Wet <input checked="" type="checkbox"/> Blue
Samples received within temperature compliance: ( $\leq 6^{\circ}\text{C}$ , but above freezing or received same day collected and chill process started prior to receipt)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Container(s) Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Containers Received Labeled and Labels are Legible:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Appropriate Bottles Received for Analysis Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sufficient Sample Volume Received:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
USDA Regulated Soil:	
Country of Origin: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
State of Origin: _____	
Trip Blank(s) Received:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If present, are they Listed on CoC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials *If headspace is present, note sample ID and # of vials	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
All (Non-Field) Analysis Received Within Hold Times:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rush Turn Around Time Requested or Time Sensitive Analysis:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Short Hold Time Analysis (48 Hours or Less):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Client Notification/ Resolution:**

If checked, please see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

WORK ORDER #: \_\_\_\_\_ INITIALS:                     

**Plastic Bottles**

	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
P, U, 1000ml - Total										
P, U, 250ml										
P, U, 500ml - Total										
P, U, 500ml - Diss										
P, 250ml/500ml H <sub>2</sub> SO <sub>4</sub> - Total										
P, 250ml/500ml H <sub>2</sub> SO <sub>4</sub> - Diss										
P, 250ml/500ml NaOH										
P, 250ml/500ml HNO <sub>3</sub> - Total										
P, 250ml/500ml HNO <sub>3</sub> - Diss										
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC										
P, 2.5L HNO <sub>3</sub>										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>										
P, 16oz - Soil/Sludge										

**Amber Glass Bottles - Vials**

A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml MeCl <sub>2</sub>										
A, G, 500ml H <sub>2</sub> SO <sub>4</sub>										
A, G, U, 500ml										
A, G, U, 250ml H <sub>2</sub> SO <sub>4</sub>										
A, G, U, 250ml										
A, V, 40ml H <sub>2</sub> SO <sub>4</sub>										
A, V, U, 60ml										

**Clear Glass Bottles - Soil/Sludge Jars - Vials**

C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl	3	3	3	3	3	3	3	3		
C, V, U, 40ml										
C, V, 40ml Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										

**Client Supplied**

Description										

# ENV-FRM-PEOR-0098 v05\_Sample Condition Upon Receipt

Client Name: US Ecology Work Order #: I-100075 Completed by / Date: [Signature] 10/1/25

Custody seal on cooler/box present and seal intact:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Chain of Custody (CoC) Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC is Legible:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler Name Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler Signature Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Collection Date Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Collection Time Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC Relinquished by Client:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Unique Sample ID's Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC and Sample Container Labels Match:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample chilling process started prior to receipt: If yes, what type of ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Wet <input checked="" type="checkbox"/> Blue
Samples received within temperature compliance: ( $\leq 6^{\circ}\text{C}$ , but above freezing or received same day collected and chill process started prior to receipt)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Container(s) Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Containers Received Labeled and Labels are Legible:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Appropriate Bottles Received for Analysis Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sufficient Sample Volume Received:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Trip Blank(s) Received: If present, are they Listed on CoC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials *If headspace is present, note sample ID and # of vials	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
All (Non-Field) Analysis Received Within Hold Times:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rush Turn Around Time Requested or Time Sensitive Analysis:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Short Hold Time Analysis (48 Hours or Less):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Client Notification/ Resolution:**

If checked, please see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

Effective Date:

WORK ORDER #: 1200075 INITIALS: [Signature]

Plastic Bottles										
	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
P, U, 1000ml - Total	1	1	1	1	1	1				
P, U, 250ml	1	1	1	1	1	1				
P, U, 500ml - Total										
P, U, 500ml - Diss										
P, 250ml/500ml H <sub>2</sub> SO <sub>4</sub> - Total										
P, 250ml/500ml H <sub>2</sub> SO <sub>4</sub> - Diss										
P, 250ml/500ml NaOH										
P, 250ml/500ml HNO <sub>3</sub> - Total	1	1	1	1	1	1				
P, 250ml/500ml HNO <sub>3</sub> - Diss	1	1	1	1	1	1				
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC	1	1	1	1	1	1				
P, 2.5L HNO <sub>3</sub>										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>										
P, 16oz - Soil/Sludge										

Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml MeCl <sub>2</sub>										
A, G, 500ml H <sub>2</sub> SO <sub>4</sub>										
A, G, U, 500ml										
A, G, U, 250ml H <sub>2</sub> SO <sub>4</sub>										
A, G, U, 250ml										
A, V, 40ml H <sub>2</sub> SO <sub>4</sub>										
A, V, U, 60ml										

Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl	3	3	3	3	3					
C, V, U, 40ml										
C, V, 40ml Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										

Client Supplied										
Description										



# ENV-FRM-PEOR-0098 v05\_Sample Condition Upon Receipt

Client Name: US Ecology Work Order #: 1-100075 Completed by / Date: JW 10/125

Custody seal on cooler/box present and seal intact:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Chain of Custody (CoC) Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC is Legible:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler Name Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler Signature Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Collection Date Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Collection Time Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC Relinquished by Client:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Unique Sample ID's Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC and Sample Container Labels Match:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample chilling process started prior to receipt: If yes, what type of ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Wet <input checked="" type="checkbox"/> Blue
Samples received within temperature compliance: ( $\leq 6^{\circ}\text{C}$ , but above freezing or received same day collected and chill process started prior to receipt)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Container(s) Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Containers Received Labeled and Labels are Legible:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Appropriate Bottles Received for Analysis Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sufficient Sample Volume Received:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Trip Blank(s) Received: If present, are they Listed on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials *If headspace is present, note sample ID and # of vials	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
All (Non-Field) Analysis Received Within Hold Times:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rush Turn Around Time Requested or Time Sensitive Analysis:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Short Hold Time Analysis (48 Hours or Less):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Client Notification/ Resolution:**

If checked, please see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

WORK ORDER #: E100075 INITIALS: [Signature]

Plastic Bottles										
	-1	-2 TB	-3	-4	-5	-6	-7	-8	-9	-10
P, U, 1000ml - Total	1	1								
P, U, 250ml	1	1								
P, U, 500ml - Total										
P, U, 500ml - Diss										
P, 250ml/500ml H <sub>2</sub> SO <sub>4</sub> - Total										
P, 250ml/500ml H <sub>2</sub> SO <sub>4</sub> - Diss										
P, 250ml/500ml NaOH										
P, 250ml/500ml HNO <sub>3</sub> - Total	1	1								
P, 250ml/500ml HNO <sub>3</sub> - Diss	1	1								
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC										
P, 2.5L HNO <sub>3</sub>										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>										
P, 16oz - Soil/Sludge										

Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml MeCl <sub>2</sub>										
A, G, 500ml H <sub>2</sub> SO <sub>4</sub>										
A, G, U, 500ml										
A, G, U, 250ml H <sub>2</sub> SO <sub>4</sub>										
A, G, U, 250ml										
A, V, 40ml H <sub>2</sub> SO <sub>4</sub>										
A, V, U, 60ml										

Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl	3	3								
C, V, U, 40ml										
C, V, 40ml Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										

Client Supplied										
Description										

# ENV-FRM-PEOR-0098 v05\_Sample Condition Upon Receipt

Client Name: US Ecology Work Order #: \_\_\_\_\_ Completed by / Date: JL 10/1/25

Custody seal on cooler/box present and seal intact:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Chain of Custody (CoC) Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC is Legible:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler Name Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sampler Signature Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Collection Date Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Collection Time Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC Relinquished by Client:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Unique Sample ID's Present on CoC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CoC and Sample Container Labels Match:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample chilling process started prior to receipt: If yes, what type of ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Wet <input checked="" type="checkbox"/> Blue
Samples received within temperature compliance: ( $\leq 6^{\circ}\text{C}$ , but above freezing or received same day collected and chill process started prior to receipt)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Container(s) Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Containers Received Labeled and Labels are Legible:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Appropriate Bottles Received for Analysis Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sufficient Sample Volume Received:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Trip Blank(s) Received: If present, are they Listed on CoC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials If headspace is present, note sample ID and # of vials	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
All (Non-Field) Analysis Received Within Hold Times:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Rush Turn Around Time Requested or Time Sensitive Analysis:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Short Hold Time Analysis (48 Hours or Less):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Client Notification/ Resolution:** \_\_\_\_\_ If checked, please see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

WORK ORDER #: \_\_\_\_\_ INITIALS:                     

*Handwritten initials: JNO*

Plastic Bottles										
	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
P, U, 1000ml - Total	1	1	1	1	1	1	1	1	1	
P, U, 250ml	1	1	1	1	1	1	1	1	1	
P, U, 500ml - Total										
P, U, 500ml - Diss										
P, 250ml/500ml H <sub>2</sub> SO <sub>4</sub> - Total										
P, 250ml/500ml H <sub>2</sub> SO <sub>4</sub> - Diss										
P, 250ml/500ml NaOH										
P, 250ml/500ml HNO <sub>3</sub> - Total	1	1	1	1	1	1	1	1		
P, 250ml/500ml HNO <sub>3</sub> - Diss	1	1	1	1	1	1	1	1		
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC	1	1	1	1	1	1	1	1		
P, 2.5L HNO <sub>3</sub>										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>										
P, 16oz - Soil/Sludge										

Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml MeCl <sub>2</sub>										
A, G, 500ml H <sub>2</sub> SO <sub>4</sub>										
A, G, U, 500ml										
A, G, U, 250ml H <sub>2</sub> SO <sub>4</sub>										
A, G, U, 250ml										
A, V, 40ml H <sub>2</sub> SO <sub>4</sub>										
A, V, U, 60ml										

Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl	3	3	3	3	3	3	3	3	3	
C, V, U, 40ml										
C, V, 40ml Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										

Client Supplied										
Description										

# **Long-term Stewardship Program 2025 Five-Year Report**

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US Ecology, Sheffield, IL

## **APPENDIX A.2**

### **Spring and Fall 2025 Data Summary**

February 13, 2026

## Environmental VOC Monitoring Data

### Boundary Well G160

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	41.06	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	41.06	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	41.06	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
06/11/2025	41.06	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	41.06	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	41.06	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
06/11/2025	41.06	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	41.06	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	41.06	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	41.06	Tetrachloroethene	Non-Detect	Non-Detect	53 ppb
06/11/2025	41.06	Trichloroethene	Non-Detect	Non-Detect	220 ppb
06/11/2025	41.06	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Boundary Well G162

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	29.30	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	29.30	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	29.30	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
06/11/2025	29.30	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	29.30	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	29.30	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
06/11/2025	29.30	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	29.30	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	29.30	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	29.30	Tetrachloroethene	Non-Detect	Non-Detect	53 ppb
06/11/2025	29.30	Trichloroethene	Non-Detect	Non-Detect	220 ppb
06/11/2025	29.30	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Guard Well G591

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	41.86	Benzene	160 ppb	23 ppb	160 ppb
06/11/2025	41.86	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	41.86	1,1 Dichloroethane	47 ppb	28 ppb	410 ppb
06/11/2025	41.86	1,1 Dichloroethene	Non-Detect	3.1 ppb	130 ppb
06/11/2025	41.86	1,2,-Dichloroethane	Non-Detect	3.1 ppb	2000 ppb
06/11/2025	41.86	cis-1,2-Dichloroethene	2.3 ppb	3.7 ppb	620 ppb
06/11/2025	41.86	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	41.86	1,2-Dichloropropane	11 ppb	7.2 ppb	520 ppb
06/11/2025	41.86	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	41.86	Tetrachloroethene	Non-Detect	Non-Detect	53 ppb
06/11/2025	41.86	Trichloroethene	Non-Detect	1.3 ppb	220 ppb
06/11/2025	41.86	Vinyl Chloride	2.7 ppb	2.7 ppb	930 ppb

### Guard Well G592

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	35.66	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	35.66	Chloroform	1.7 ppb	1.2 ppb	140 ppb
06/11/2025	35.66	1,1 Dichloroethane	63 ppb	39 ppb	410 ppb
06/11/2025	35.66	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	35.66	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	35.66	cis-1,2-Dichloroethene	5.1 ppb	5.8 ppb	620 ppb
06/11/2025	35.66	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	35.66	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	35.66	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	35.66	Tetrachloroethene	20 ppb	17 ppb	53 ppb
06/11/2025	35.66	Trichloroethene	3.8 ppb	3.5 ppb	220 ppb
06/11/2025	35.66	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Guard Well G600

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	22.30	Benzene	2.5 ppb	1.3	160 ppb
06/11/2025	22.30	Chloroform	5.6 ppb	Non-Detect	140 ppb
06/11/2025	22.30	1,1 Dichloroethane	12 ppb	17 ppb	410 ppb
06/11/2025	22.30	1,1 Dichloroethene	4.4 ppb	4.0 ppb	130 ppb
06/11/2025	22.30	1,2,-Dichloroethane	2.1 ppb	5.7 ppb	2000 ppb
06/11/2025	22.30	cis-1,2-Dichloroethene	1100 ppb	1100 ppb	620 ppb
06/11/2025	22.30	trans-1,2-Dichloroethene	Non-Detect	7.5 ppb	558 ppb
06/11/2025	22.30	1,2-Dichloropropane	Non-Detect	1.9 ppb	520 ppb
06/11/2025	22.30	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	22.30	Tetrachloroethene	280 ppb	350 ppb	53 ppb
06/11/2025	22.30	Trichloroethene	270 ppb	190 ppb	220 ppb
06/11/2025	22.30	Vinyl Chloride	23 ppb	17 ppb	930 ppb

### Plume Well G165

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	44.66	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	44.66	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	44.66	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
06/11/2025	44.66	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	44.66	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	44.66	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
06/11/2025	44.66	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	44.66	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	44.66	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	44.66	Tetrachloroethene	Non-Detect	Non-Detect	53 ppb
06/11/2025	44.66	Trichloroethene	Non-Detect	Non-Detect	220 ppb
06/11/2025	44.66	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Plume Well G166

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	71.41	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	71.41	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	71.41	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
06/11/2025	71.41	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	71.41	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	71.41	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
06/11/2025	71.41	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	71.41	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	71.41	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	71.41	Tetrachloroethene	Non-Detect	Non-Detect	53 ppb
06/11/2025	71.41	Trichloroethene	Non-Detect	Non-Detect	220 ppb
06/11/2025	71.41	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Plume Well G168

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	50.30	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	50.30	Chloroform	1.9 ppb	12 ppb	140 ppb
06/11/2025	50.30	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
06/11/2025	50.30	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	50.30	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	50.30	cis-1,2-Dichloroethene	Non-Detect	1.5 ppb	620 ppb
06/11/2025	50.30	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	50.30	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	50.30	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	50.30	Tetrachloroethene	160 ppb	120 ppb	53 ppb
06/11/2025	50.30	Trichloroethene	5.7 ppb	10 ppb	220 ppb
06/11/2025	50.30	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Plume Well G547

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	44.21	Benzene	310 ppb	610 ppb	160 ppb
06/11/2025	44.21	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	44.21	1,1 Dichloroethane	4.2 ppb	8.7 ppb	410 ppb
06/11/2025	44.21	1,1 Dichloroethene	2.0 ppb	4.0 ppb	130 ppb
06/11/2025	44.21	1,2,-Dichloroethane	6.4 ppb	13 ppb	2000 ppb
06/11/2025	44.21	cis-1,2-Dichloroethene	290 ppb	530 ppb	620 ppb
06/11/2025	44.21	trans-1,2-Dichloroethene	18 ppb	37 ppb	558 ppb
06/11/2025	44.21	1,2-Dichloropropane	6.4 ppb	2.4 ppb	520 ppb
06/11/2025	44.21	Methylene Chloride	9.5 ppb	16 ppb	1500 ppb
06/11/2025	44.21	Tetrachloroethene	140 ppb	150 ppb	53 ppb
06/11/2025	44.21	Trichloroethene	420 ppb	650 ppb	220 ppb
06/11/2025	44.21	Vinyl Chloride	58 ppb	110 ppb	930 ppb

### Plume Well G564

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	45.93	Benzene	6.3 ppb	4.2 ppb	160 ppb
06/11/2025	45.93	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	45.93	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
06/11/2025	45.93	1,1 Dichloroethene	1.3 ppb	Non-Detect	130 ppb
06/11/2025	45.93	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	45.93	cis-1,2-Dichloroethene	350 ppb	160 ppb	620 ppb
06/11/2025	45.93	trans-1,2-Dichloroethene	5.4 ppb	5.1 ppb	558 ppb
06/11/2025	45.93	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	45.93	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	45.93	Tetrachloroethene	Non-Detect	7.0 ppb	53 ppb
06/11/2025	45.93	Trichloroethene	1.0 ppb	2.3 ppb	220 ppb
06/11/2025	45.93	Vinyl Chloride	73 ppb	53 ppb	930 ppb

### Plume Well G575

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	46.52	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	46.52	Chloroform	1.4 ppb	1.3 ppb	140 ppb
06/11/2025	46.52	1,1 Dichloroethane	82 ppb	44 ppb	410 ppb
06/11/2025	46.52	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	46.52	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	46.52	cis-1,2-Dichloroethene	4.2 ppb	5.3 ppb	620 ppb
06/11/2025	46.52	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	46.52	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	46.52	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	46.52	Tetrachloroethene	10 ppb	8.2 ppb	53 ppb
06/11/2025	46.52	Trichloroethene	6.0 ppb	5.1 ppb	220 ppb
06/11/2025	46.52	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Plume Well G594

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	41.71	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	41.71	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	41.71	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
06/11/2025	41.71	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	41.71	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	41.71	cis-1,2-Dichloroethene	67 ppb	84 ppb	620 ppb
06/11/2025	41.71	trans-1,2-Dichloroethene	Non-Detect	2.7 ppb	558 ppb
06/11/2025	41.71	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	41.71	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	41.71	Tetrachloroethene	Non-Detect	1.5 ppb	53 ppb
06/11/2025	41.71	Trichloroethene	5.2 ppb	4.6 ppb	220 ppb
06/11/2025	41.71	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

**(GSI) Shoreline Well G211**

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Fall 2025	USEPA Region 4
06/11/2025	42.60	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	42.60	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	42.60	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
06/11/2025	42.60	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	42.60	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	42.60	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
06/11/2025	42.60	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	42.60	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	42.60	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	42.60	Tetrachloroethene	Non-Detect	Non-Detect	53 ppb
06/11/2025	42.60	Trichloroethene	Non-Detect	Non-Detect	220 ppb
06/11/2025	42.60	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

**(GSI) Shoreline Well G570**

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	17.00	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	17.00	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	17.00	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
06/11/2025	17.00	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	17.00	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	17.00	cis-1,2-Dichloroethene	3.7 ppb	2.6 ppb	620 ppb
06/11/2025	17.00	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	17.00	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	17.00	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	17.00	Tetrachloroethene	1.4 ppb	1.5 ppb	53 ppb
06/11/2025	17.00	Trichloroethene	Non-Detect	Non-Detect	220 ppb
06/11/2025	17.00	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

**Surface Monitoring Point of Compliance S501**

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	N/A	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	N/A	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	N/A	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
06/11/2025	N/A	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	N/A	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	N/A	cis-1,2-Dichloroethene	1.9 ppb	1.0 ppb	620 ppb
06/11/2025	N/A	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	N/A	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	N/A	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	N/A	Tetrachloroethene	Non-Detect	Non-Detect	53 ppb
06/11/2025	N/A	Trichloroethene	Non-Detect	Non-Detect	220 ppb
06/11/2025	N/A	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

**Surface Monitoring Point of Compliance S502**

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	N/A	Benzene	Non-Detect	Non-Detect	160 ppb
06/11/2025	N/A	Chloroform	Non-Detect	Non-Detect	140 ppb
06/11/2025	N/A	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
06/11/2025	N/A	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
06/11/2025	N/A	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
06/11/2025	N/A	cis-1,2-Dichloroethene	1.4 ppb	1.3 ppb	620 ppb
06/11/2025	N/A	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
06/11/2025	N/A	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
06/11/2025	N/A	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
06/11/2025	N/A	Tetrachloroethene	6.6 ppb	Non-Detect	53 ppb
06/11/2025	N/A	Trichloroethene	2.7 ppb	Non-Detect	220 ppb
06/11/2025	N/A	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

**Surface Monitoring Point of Compliance S142**

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	29.55	Benzene	No Sample	Non-Detect	160 ppb
06/11/2025	29.55	Chloroform	No Sample	Non-Detect	140 ppb
06/11/2025	29.55	1,1 Dichloroethane	No Sample	Non-Detect	410 ppb
06/11/2025	29.55	1,1 Dichloroethene	No Sample	Non-Detect	130 ppb
06/11/2025	29.55	1,2,-Dichloroethane	No Sample	Non-Detect	2000 ppb
06/11/2025	29.55	cis-1,2-Dichloroethene	No Sample	Non-Detect	620 ppb
06/11/2025	29.55	trans-1,2-Dichloroethene	No Sample	Non-Detect	558 ppb
06/11/2025	29.55	1,2-Dichloropropane	No Sample	Non-Detect	520 ppb
06/11/2025	29.55	Methylene Chloride	No Sample	Non-Detect	1500 ppb
06/11/2025	29.55	Tetrachloroethene	No Sample	Non-Detect	53 ppb
06/11/2025	29.55	Trichloroethene	No Sample	Non-Detect	220 ppb
06/11/2025	29.55	Vinyl Chloride	No Sample	Non-Detect	930 ppb

**Surface Monitoring Point of Compliance S192**

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	26.70	Benzene	No Sample	Non-Detect	160 ppb
06/11/2025	26.70	Chloroform	No Sample	Non-Detect	140 ppb
06/11/2025	26.70	1,1 Dichloroethane	No Sample	Non-Detect	410 ppb
06/11/2025	26.70	1,1 Dichloroethene	No Sample	Non-Detect	130 ppb
06/11/2025	26.70	1,2,-Dichloroethane	No Sample	Non-Detect	2000 ppb
06/11/2025	26.70	cis-1,2-Dichloroethene	No Sample	Non-Detect	620 ppb
06/11/2025	26.70	trans-1,2-Dichloroethene	No Sample	Non-Detect	558 ppb
06/11/2025	26.70	1,2-Dichloropropane	No Sample	Non-Detect	520 ppb
06/11/2025	26.70	Methylene Chloride	No Sample	Non-Detect	1500 ppb
06/11/2025	26.70	Tetrachloroethene	No Sample	Non-Detect	53 ppb
06/11/2025	26.70	Trichloroethene	No Sample	Non-Detect	220 ppb
06/11/2025	26.70	Vinyl Chloride	No Sample	Non-Detect	930 ppb

**Surface Monitoring Point of Compliance S148**

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	34.76	Benzene	No Sample	1.0 ppb	160 ppb
06/11/2025	34.76	Chloroform	No Sample	Non-Detect	140 ppb
06/11/2025	34.76	1,1 Dichloroethane	No Sample	Non-Detect	410 ppb
06/11/2025	34.76	1,1 Dichloroethene	No Sample	Non-Detect	130 ppb
06/11/2025	34.76	1,2,-Dichloroethane	No Sample	Non-Detect	2000 ppb
06/11/2025	34.76	cis-1,2-Dichloroethene	No Sample	150 ppb	620 ppb
06/11/2025	34.76	trans-1,2-Dichloroethene	No Sample	3.0 ppb	558 ppb
06/11/2025	34.76	1,2-Dichloropropane	No Sample	Non-Detect	520 ppb
06/11/2025	34.76	Methylene Chloride	No Sample	Non-Detect	1500 ppb
06/11/2025	34.76	Tetrachloroethene	No Sample	80 ppb	53 ppb
06/11/2025	34.76	Trichloroethene	No Sample	15 ppb	220 ppb
06/11/2025	34.76	Vinyl Chloride	No Sample	Non-Detect	930 ppb

**Surface Monitoring Point of Compliance S149**

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	30.63	Benzene	No Sample	1.5 ppb	160 ppb
06/11/2025	30.63	Chloroform	No Sample	Non-Detect	140 ppb
06/11/2025	30.63	1,1 Dichloroethane	No Sample	Non-Detect	410 ppb
06/11/2025	30.63	1,1 Dichloroethene	No Sample	Non-Detect	130 ppb
06/11/2025	30.63	1,2,-Dichloroethane	No Sample	1.5 ppb	2000 ppb
06/11/2025	30.63	cis-1,2-Dichloroethene	No Sample	160 ppb	620 ppb
06/11/2025	30.63	trans-1,2-Dichloroethene	No Sample	1.8 ppb	558 ppb
06/11/2025	30.63	1,2-Dichloropropane	No Sample	Non-Detect	520 ppb
06/11/2025	30.63	Methylene Chloride	No Sample	Non-Detect	1500 ppb
06/11/2025	30.63	Tetrachloroethene	No Sample	46 ppb	53 ppb
06/11/2025	30.63	Trichloroethene	No Sample	20 ppb	220 ppb
06/11/2025	30.63	Vinyl Chloride	No Sample	2.1 ppb	930 ppb

**Surface Monitoring Point of Compliance S155**

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	49.07	Benzene	No Sample	Non-Detect	160 ppb
06/11/2025	49.07	Chloroform	No Sample	Non-Detect	140 ppb
06/11/2025	49.07	1,1 Dichloroethane	No Sample	Non-Detect	410 ppb
06/11/2025	49.07	1,1 Dichloroethene	No Sample	Non-Detect	130 ppb
06/11/2025	49.07	1,2,-Dichloroethane	No Sample	Non-Detect	2000 ppb
06/11/2025	49.07	cis-1,2-Dichloroethene	No Sample	Non-Detect	620 ppb
06/11/2025	49.07	trans-1,2-Dichloroethene	No Sample	Non-Detect	558 ppb
06/11/2025	49.07	1,2-Dichloropropane	No Sample	Non-Detect	520 ppb
06/11/2025	49.07	Methylene Chloride	No Sample	Non-Detect	1500 ppb
06/11/2025	49.07	Tetrachloroethene	No Sample	Non-Detect	53 ppb
06/11/2025	49.07	Trichloroethene	No Sample	Non-Detect	220 ppb
06/11/2025	49.07	Vinyl Chloride	No Sample	Non-Detect	930 ppb

**Surface Monitoring Point of Compliance S156**

Sample Date	Well Screen Depth	Constituent	Concentrations Spring 2024	Concentrations Spring 2025	USEPA Region 4
06/11/2025	46.13	Benzene	No Sample	Non-Detect	160 ppb
06/11/2025	46.13	Chloroform	No Sample	Non-Detect	140 ppb
06/11/2025	46.13	1,1 Dichloroethane	No Sample	Non-Detect	410 ppb
06/11/2025	46.13	1,1 Dichloroethene	No Sample	Non-Detect	130 ppb
06/11/2025	46.13	1,2,-Dichloroethane	No Sample	Non-Detect	2000 ppb
06/11/2025	46.13	cis-1,2-Dichloroethene	No Sample	Non-Detect	620 ppb
06/11/2025	46.13	trans-1,2-Dichloroethene	No Sample	Non-Detect	558 ppb
06/11/2025	46.13	1,2-Dichloropropane	No Sample	Non-Detect	520 ppb
06/11/2025	46.13	Methylene Chloride	No Sample	Non-Detect	1500 ppb
06/11/2025	46.13	Tetrachloroethene	No Sample	Non-Detect	53 ppb
06/11/2025	46.13	Trichloroethene	No Sample	Non-Detect	220 ppb
06/11/2025	46.13	Vinyl Chloride	No Sample	Non-Detect	930 ppb

## Environmental VOC Monitoring Data

### Boundary Well G160

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	41.06	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	41.06	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	41.06	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
09/30/2025	41.06	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	41.06	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	41.06	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
09/30/2025	41.06	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	41.06	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	41.06	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
09/30/2025	41.06	Tetrachloroethene	Non-Detect	Non-Detect	53 ppb
09/30/2025	41.06	Trichloroethene	Non-Detect	Non-Detect	220 ppb
09/30/2025	41.06	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Boundary Well G162

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	29.30	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	29.30	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	29.30	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
09/30/2025	29.30	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	29.30	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	29.30	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
09/30/2025	29.30	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	29.30	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	29.30	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
09/30/2025	29.30	Tetrachloroethene	Non-Detect	Non-Detect	53 ppb
09/30/2025	29.30	Trichloroethene	Non-Detect	Non-Detect	220 ppb
09/30/2025	29.30	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Guard Well G591

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	41.86	Benzene	12 ppb	18 ppb	160 ppb
09/30/2025	41.86	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	41.86	1,1 Dichloroethane	25 ppb	29 ppb	410 ppb
09/30/2025	41.86	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	41.86	1,2,-Dichloroethane	2.4 ppb	3.0 ppb	2000 ppb
09/30/2025	41.86	cis-1,2-Dichloroethene	6.7 ppb	5.4 ppb	620 ppb
09/30/2025	41.86	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	41.86	1,2-Dichloropropane	6.3 ppb	6.9 ppb	520 ppb
09/30/2025	41.86	Methylene Chloride	4.5 ppb	Non-Detect	1500 ppb
09/30/2025	41.86	Tetrachloroethene	5.6 ppb	2.4 ppb	53 ppb
09/30/2025	41.86	Trichloroethene	2.4 ppb	1.9 ppb	220 ppb
09/30/2025	41.86	Vinyl Chloride	1.3 ppb	2.2 ppb	930 ppb

### Guard Well G592

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	35.66	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	35.66	Chloroform	Non-Detect	1.2 ppb	140 ppb
09/30/2025	35.66	1,1 Dichloroethane	35 ppb	52 ppb	410 ppb
09/30/2025	35.66	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	35.66	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	35.66	cis-1,2-Dichloroethene	2.9 ppb	5.6 ppb	620 ppb
09/30/2025	35.66	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	35.66	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	35.66	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
09/30/2025	35.66	Tetrachloroethene	15 ppb	20 ppb	53 ppb
09/30/2025	35.66	Trichloroethene	2.7 ppb	4.7 ppb	220 ppb
09/30/2025	35.66	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Guard Well G600

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	22.30	Benzene	Non-Detect	DRY	160 ppb
09/30/2025	22.30	Chloroform	Non-Detect	DRY	140 ppb
09/30/2025	22.30	1,1 Dichloroethane	13 ppb	DRY	410 ppb
09/30/2025	22.30	1,1 Dichloroethene	Non-Detect	DRY	130 ppb
09/30/2025	22.30	1,2,-Dichloroethane	Non-Detect	DRY	2000 ppb
09/30/2025	22.30	cis-1,2-Dichloroethene	210 ppb	DRY	620 ppb
09/30/2025	22.30	trans-1,2-Dichloroethene	2.4 ppb	DRY	558 ppb
09/30/2025	22.30	1,2-Dichloropropane	Non-Detect	DRY	520 ppb
09/30/2025	22.30	Methylene Chloride	Non-Detect	DRY	1500 ppb
09/30/2025	22.30	Tetrachloroethene	23 ppb	DRY	53 ppb
09/30/2025	22.30	Trichloroethene	59 ppb	DRY	220 ppb
09/30/2025	22.30	Vinyl Chloride	21 ppb	DRY	930 ppb

### Plume Well G165

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	44.66	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	44.66	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	44.66	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
09/30/2025	44.66	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	44.66	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	44.66	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
09/30/2025	44.66	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	44.66	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	44.66	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
09/30/2025	44.66	Tetrachloroethene	Non-Detect	Non-Detect	53 ppb
09/30/2025	44.66	Trichloroethene	Non-Detect	Non-Detect	220 ppb
09/30/2025	44.66	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Plume Well G166

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	71.41	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	71.41	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	71.41	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
09/30/2025	71.41	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	71.41	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	71.41	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
09/30/2025	71.41	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	71.41	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	71.41	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
09/30/2025	71.41	Tetrachloroethene	Non-Detect	Non-Detect	53 ppb
09/30/2025	71.41	Trichloroethene	Non-Detect	Non-Detect	220 ppb
09/30/2025	71.41	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Plume Well G168

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	50.30	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	50.30	Chloroform	3.9 ppb	30 ppb	140 ppb
09/30/2025	50.30	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
09/30/2025	50.30	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	50.30	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	50.30	cis-1,2-Dichloroethene	Non-Detect	2.9 ppb	620 ppb
09/30/2025	50.30	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	50.30	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	50.30	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
09/30/2025	50.30	Tetrachloroethene	100 ppb	110 ppb	53 ppb
09/30/2025	50.30	Trichloroethene	5.6 ppb	13 ppb	220 ppb
09/30/2025	50.30	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Plume Well G547

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	44.21	Benzene	420 ppb	590 ppb	160 ppb
09/30/2025	44.21	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	44.21	1,1 Dichloroethane	4.3 ppb	6.9 ppb	410 ppb
09/30/2025	44.21	1,1 Dichloroethene	1.8 ppb	3.8 ppb	130 ppb
09/30/2025	44.21	1,2,-Dichloroethane	6.8 ppb	10 ppb	2000 ppb
09/30/2025	44.21	cis-1,2-Dichloroethene	400 ppb	520 ppb	620 ppb
09/30/2025	44.21	trans-1,2Dichloroethene	18 ppb	31 ppb	558 ppb
09/30/2025	44.21	1,2-Dichloropropane	Non-Detect	1.9 ppb	520 ppb
09/30/2025	44.21	Methylene Chloride	9.2 ppb	13 ppb	1500 ppb
09/30/2025	44.21	Tetrachloroethene	120 ppb	140 ppb	53 ppb
09/30/2025	44.21	Trichloroethene	540 ppb	610 ppb	220 ppb
09/30/2025	44.21	Vinyl Chloride	65 ppb	150 ppb	930 ppb

### Plume Well G564

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	45.93	Benzene	3.1 ppb	4.5 ppb	160 ppb
09/30/2025	45.93	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	45.93	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
09/30/2025	45.93	1,1 Dichloroethene	Non-Detect	1 ppb	130 ppb
09/30/2025	45.93	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	45.93	cis-1,2-Dichloroethene	110 ppb	180 ppb	620 ppb
09/30/2025	45.93	trans-1,2-Dichloroethene	2.8 ppb	4.1 ppb	558 ppb
09/30/2025	45.93	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	45.93	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
09/30/2025	45.93	Tetrachloroethene	7.2 ppb	7.9 ppb	53 ppb
09/30/2025	45.93	Trichloroethene	1.3 ppb	10 ppb	220 ppb
09/30/2025	45.93	Vinyl Chloride	36 ppb	54 ppb	930 ppb

### Plume Well G575

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	46.52	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	46.52	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	46.52	1,1 Dichloroethane	31 ppb	47 ppb	410 ppb
09/30/2025	46.52	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	46.52	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	46.52	cis-1,2-Dichloroethene	1.7 ppb	4.4 ppb	620 ppb
09/30/2025	46.52	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	46.52	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	46.52	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
09/30/2025	46.52	Tetrachloroethene	7.7 ppb	7.9 ppb	53 ppb
09/30/2025	46.52	Trichloroethene	3.6	5.4 ppb	220 ppb
09/30/2025	46.52	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

### Plume Well G594

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	41.71	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	41.71	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	41.71	1,1 Dichloroethane	1.1 ppb	Non-Detect	410 ppb
09/30/2025	41.71	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	41.71	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	41.71	cis-1,2-Dichloroethene	88 ppb	23 ppb	620 ppb
09/30/2025	41.71	trans-1,2-Dichloroethene	1.8 ppb	Non-Detect	558 ppb
09/30/2025	41.71	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	41.71	Methylene Chloride	4.4 ppb	Non-Detect	1500 ppb
09/30/2025	41.71	Tetrachloroethene	2.8 ppb	1.8 ppb	53 ppb
09/30/2025	41.71	Trichloroethene	5.7 ppb	1.1 ppb	220 ppb
09/30/2025	41.71	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

**(GSI) Shoreline Well G211**

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	42.60	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	42.60	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	42.60	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
09/30/2025	42.60	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	42.60	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	42.60	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
09/30/2025	42.60	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	42.60	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	42.60	Methylene Chloride	7.1 ppb	Non-Detect	1500 ppb
09/30/2025	42.60	Tetrachloroethene	1.3 ppb	Non-Detect	53 ppb
09/30/2025	42.60	Trichloroethene	Non-Detect	Non-Detect	220 ppb
09/30/2025	42.60	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

**(GSI) Shoreline Well G570**

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	17.00	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	17.00	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	17.00	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
09/30/2025	17.00	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	17.00	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	17.00	cis-1,2-Dichloroethene	3.2 ppb	4.9 ppb	620 ppb
		Resample			1.0 ppb
09/30/2025	17.00	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	17.00	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	17.00	Methylene Chloride	2.7 ppb	Non-Detect	1500 ppb
09/30/2025	17.00	Tetrachloroethene	1.2 ppb	Non-Detect	53 ppb
09/30/2025	17.00	Trichloroethene	Non-Detect	1.4 ppb	220 ppb
09/30/2025	17.00	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

**Surface Monitoring Point of Compliance S501**

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	N/A	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	N/A	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	N/A	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
09/30/2025	N/A	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	N/A	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	N/A	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
09/30/2025	N/A	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	N/A	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	N/A	Methylene Chloride	Non-Detect	Non-Detect	1500 ppb
09/30/2025	N/A	Tetrachloroethene	1.8 ppb	Non-Detect	53 ppb
09/30/2025	N/A	Trichloroethene	Non-Detect	Non-Detect	220 ppb
09/30/2025	N/A	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

**Surface Monitoring Point of Compliance S502**

Sample Date	Well Screen Depth	Constituent	Concentrations Fall 2024	Concentrations Fall 2025	USEPA Region 4
09/30/2025	N/A	Benzene	Non-Detect	Non-Detect	160 ppb
09/30/2025	N/A	Chloroform	Non-Detect	Non-Detect	140 ppb
09/30/2025	N/A	1,1 Dichloroethane	Non-Detect	Non-Detect	410 ppb
09/30/2025	N/A	1,1 Dichloroethene	Non-Detect	Non-Detect	130 ppb
09/30/2025	N/A	1,2,-Dichloroethane	Non-Detect	Non-Detect	2000 ppb
09/30/2025	N/A	cis-1,2-Dichloroethene	Non-Detect	Non-Detect	620 ppb
09/30/2025	N/A	trans-1,2-Dichloroethene	Non-Detect	Non-Detect	558 ppb
09/30/2025	N/A	1,2-Dichloropropane	Non-Detect	Non-Detect	520 ppb
09/30/2025	N/A	Methylene Chloride	2.8 ppb	Non-Detect	1500 ppb
		resample			2.5 ppb
09/30/2025	N/A	Tetrachloroethene	1.9 ppb	Non-Detect	53 ppb
		resample			1.0 ppb
09/30/2025	N/A	Trichloroethene	Non-Detect	Non-Detect	220 ppb
09/30/2025	N/A	Vinyl Chloride	Non-Detect	Non-Detect	930 ppb

# **Long-term Stewardship Program 2025 Five-Year Report**

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US Ecology, Sheffield, IL

## **APPENDIX B**

### **Graphical Evaluation**

February 13, 2026

# **Long-term Stewardship Program 2025 Five-Year Report**

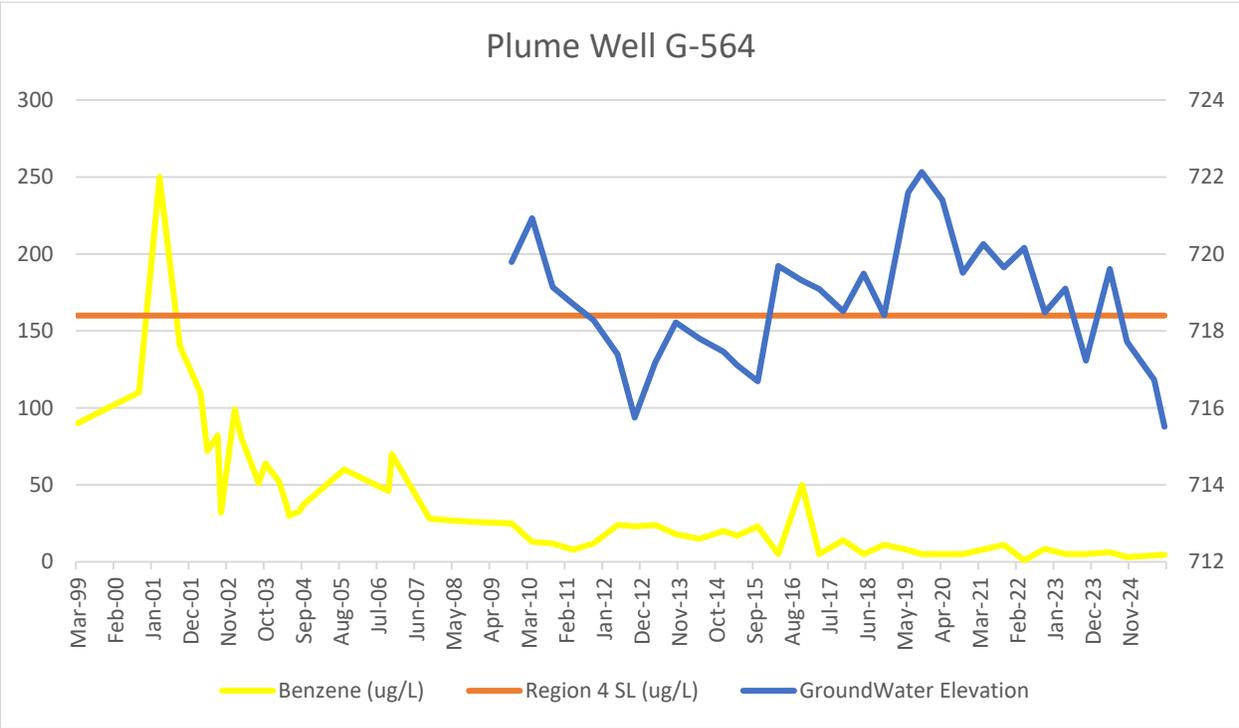
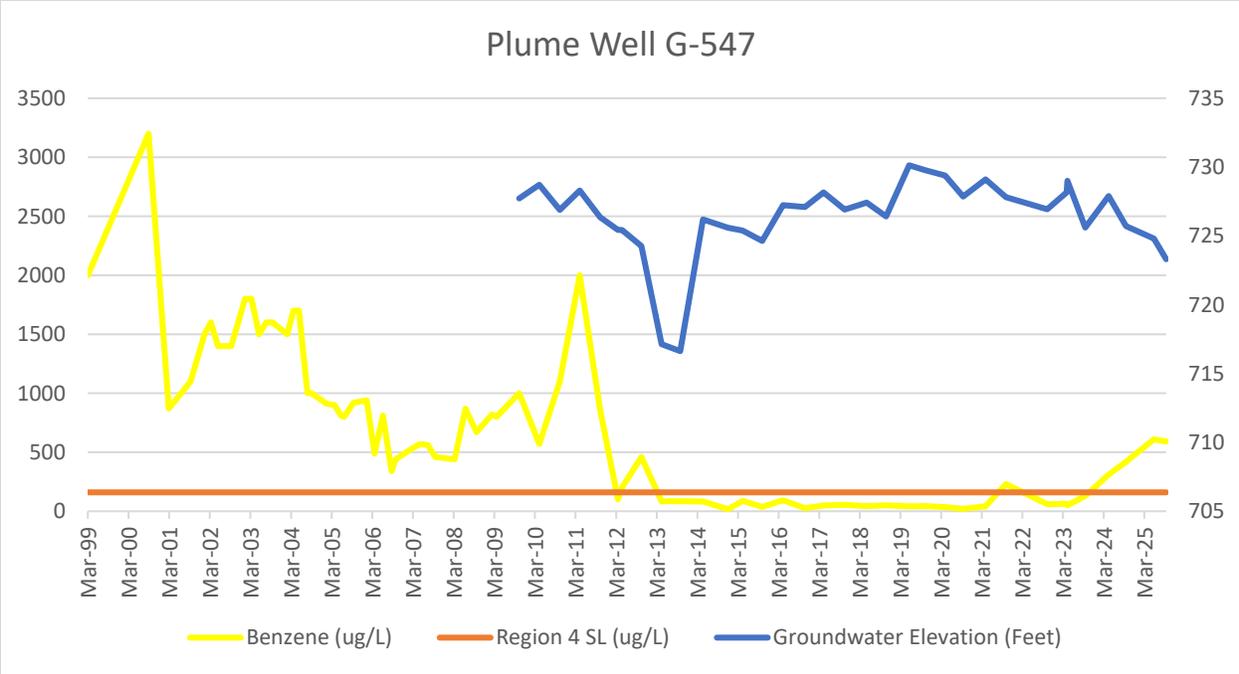
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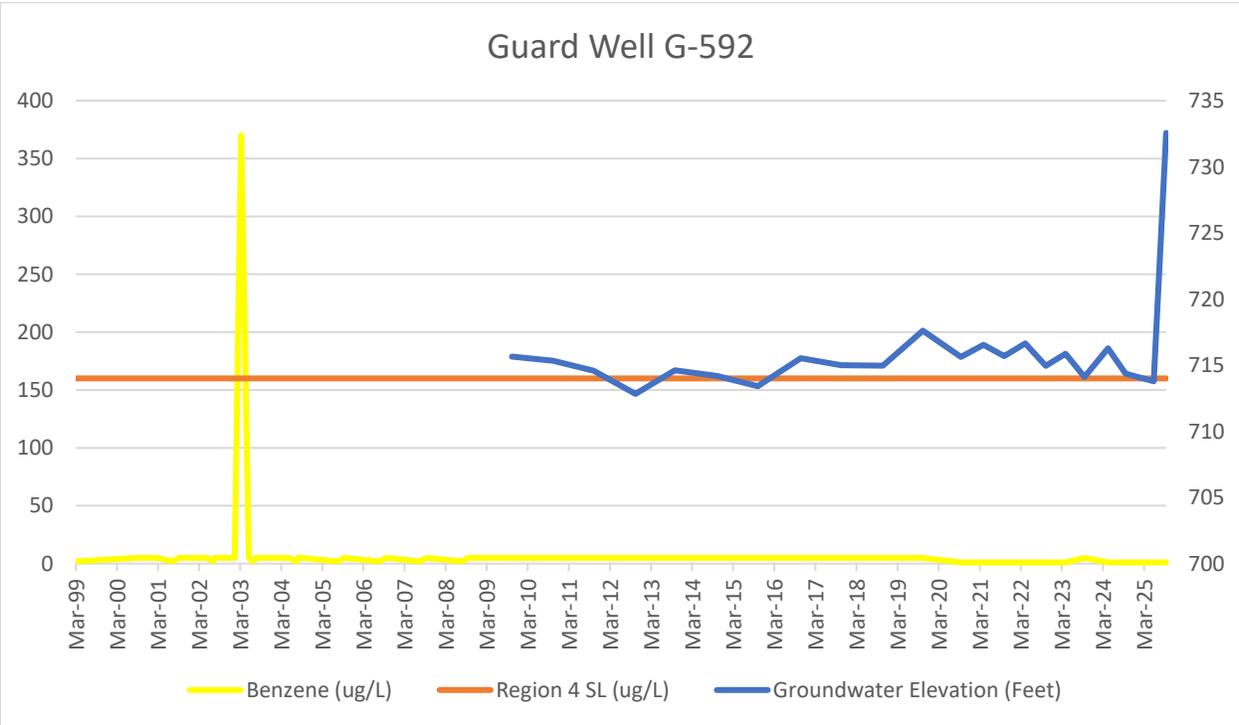
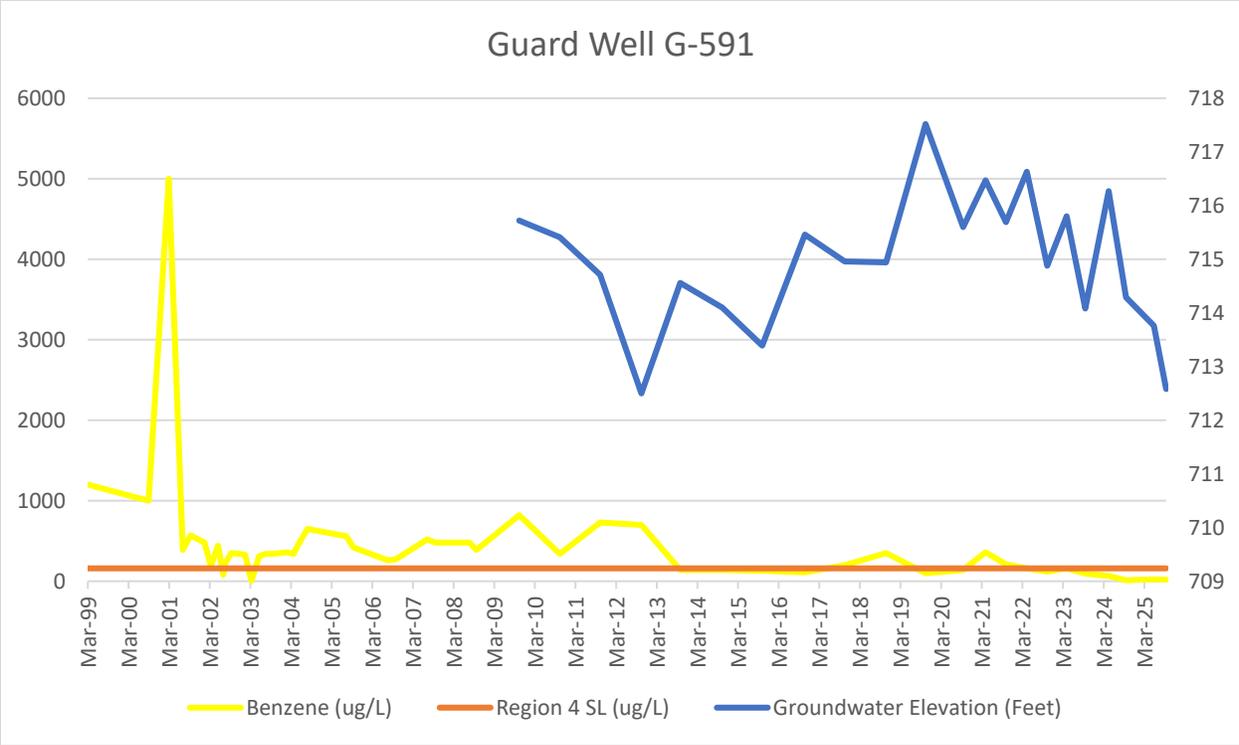
US Ecology, Sheffield, IL

## **APPENDIX B.1**

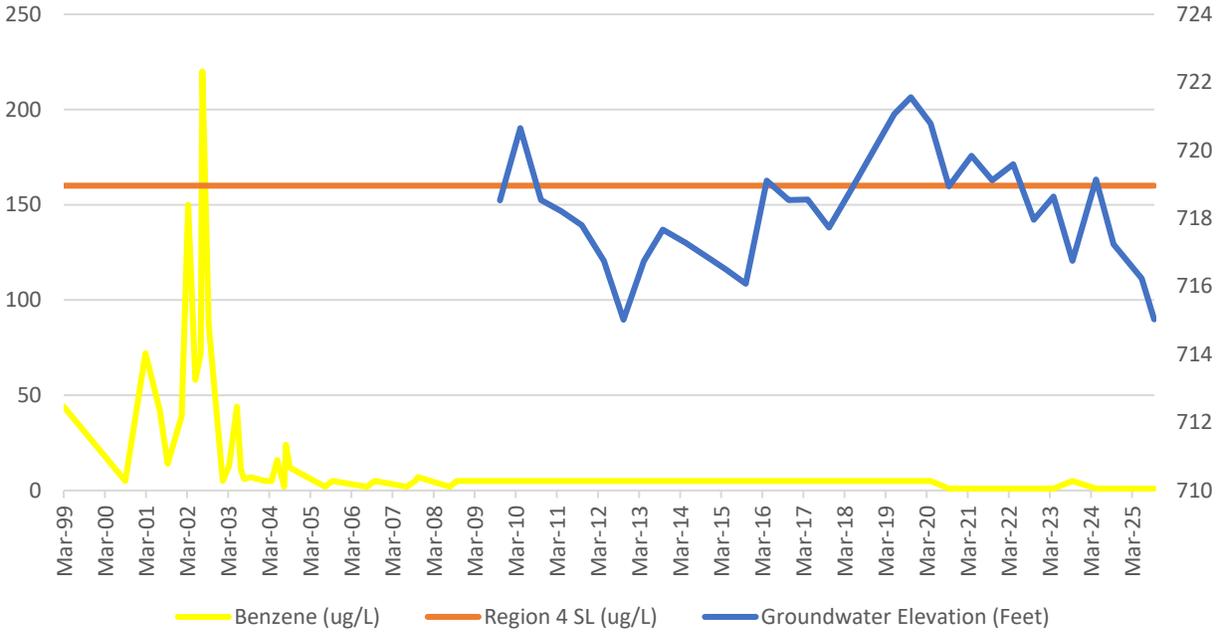
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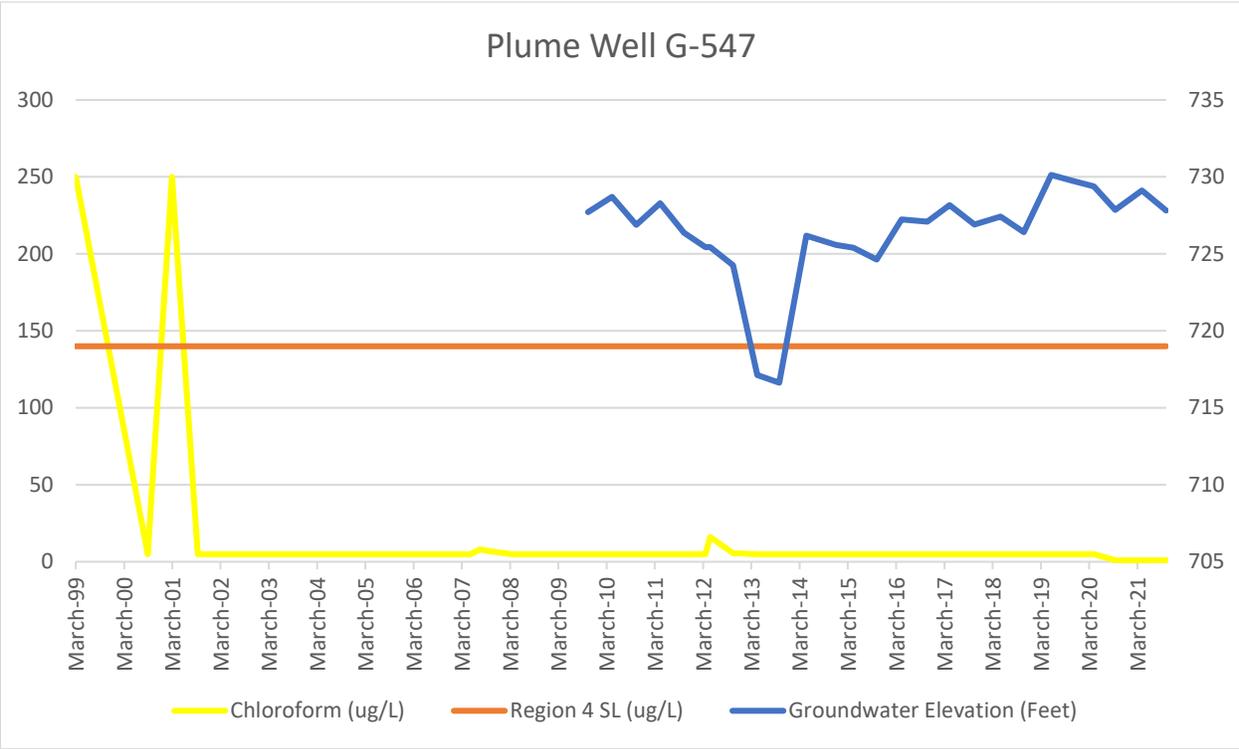
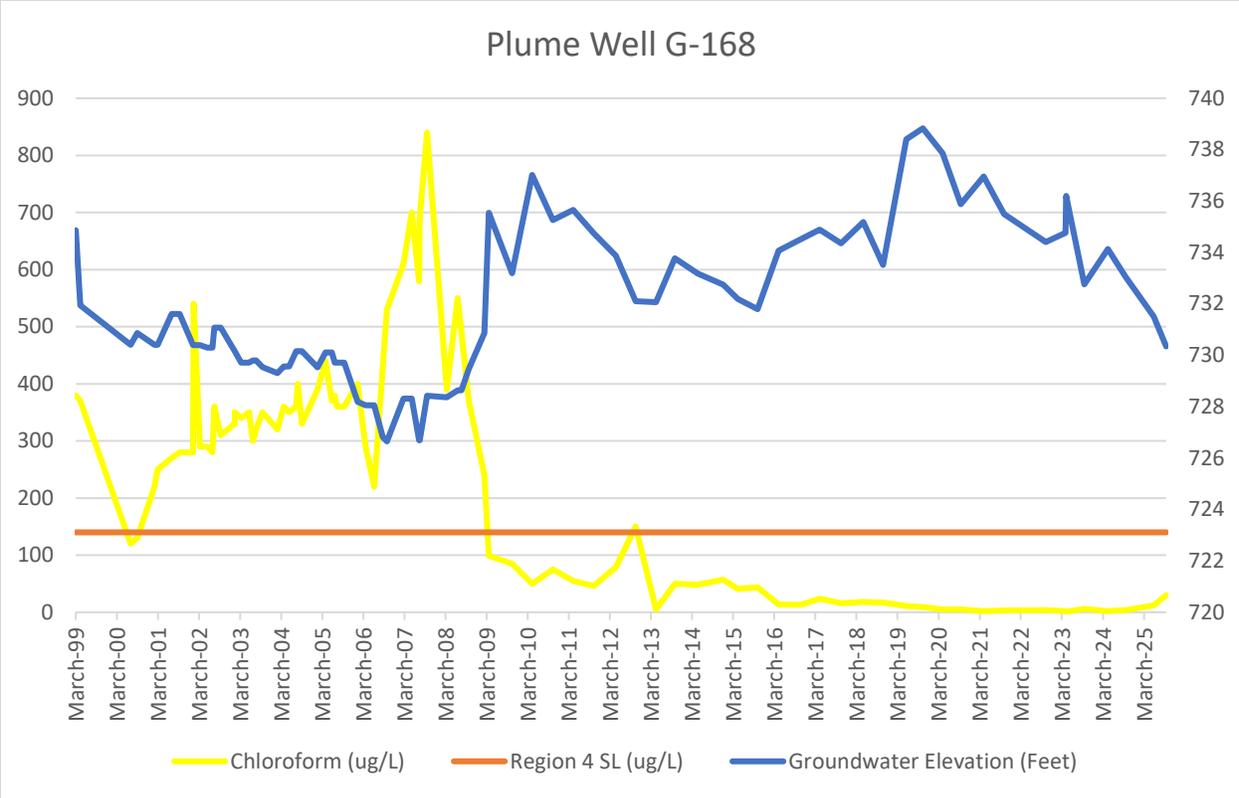
February 13, 2026

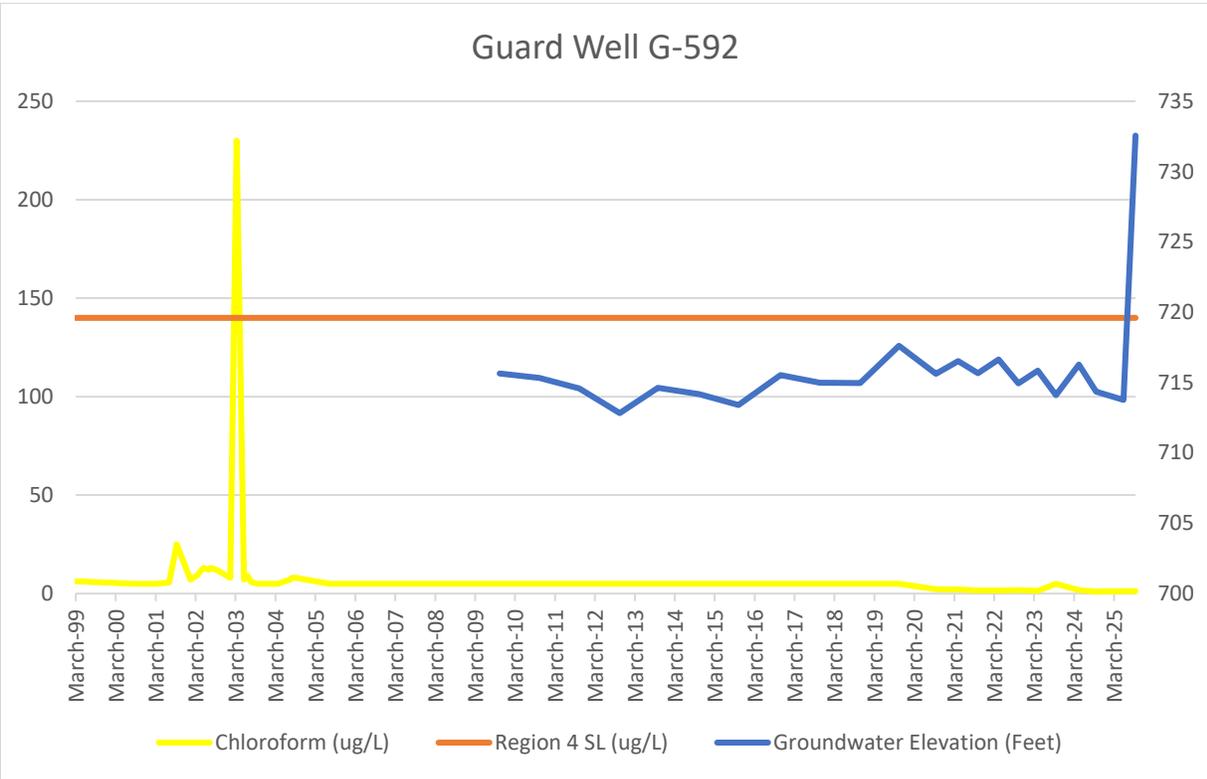
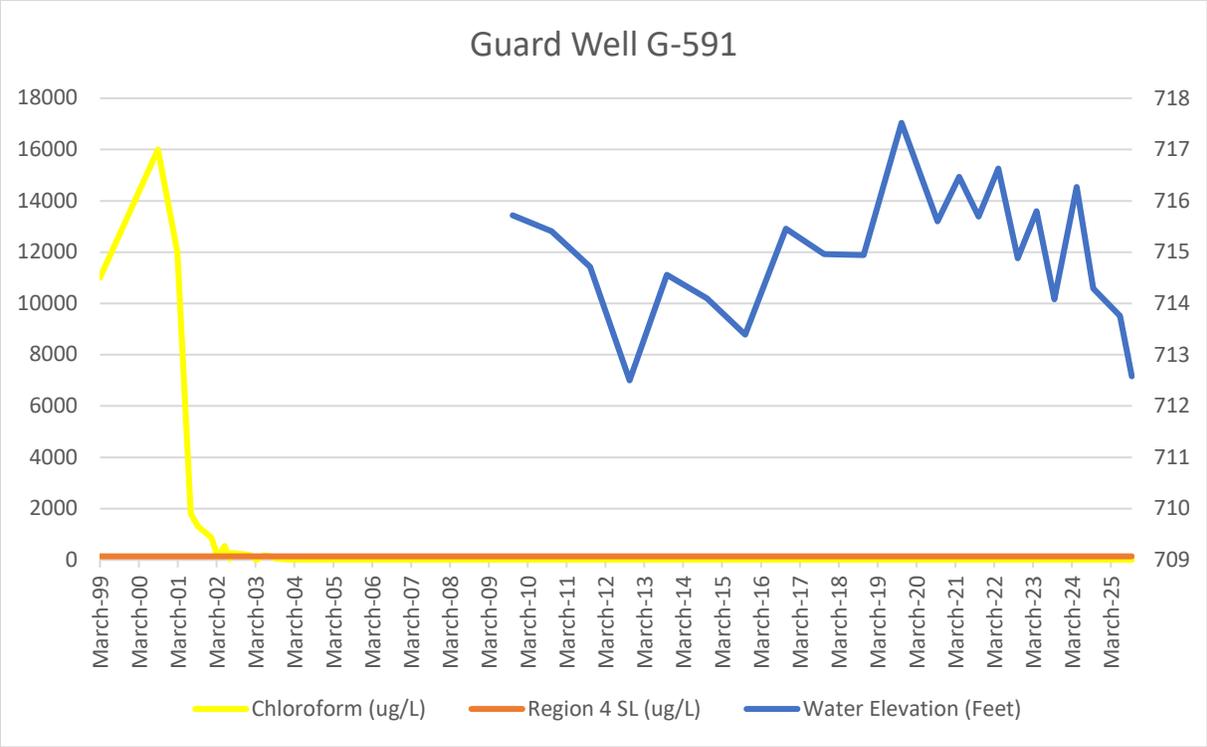


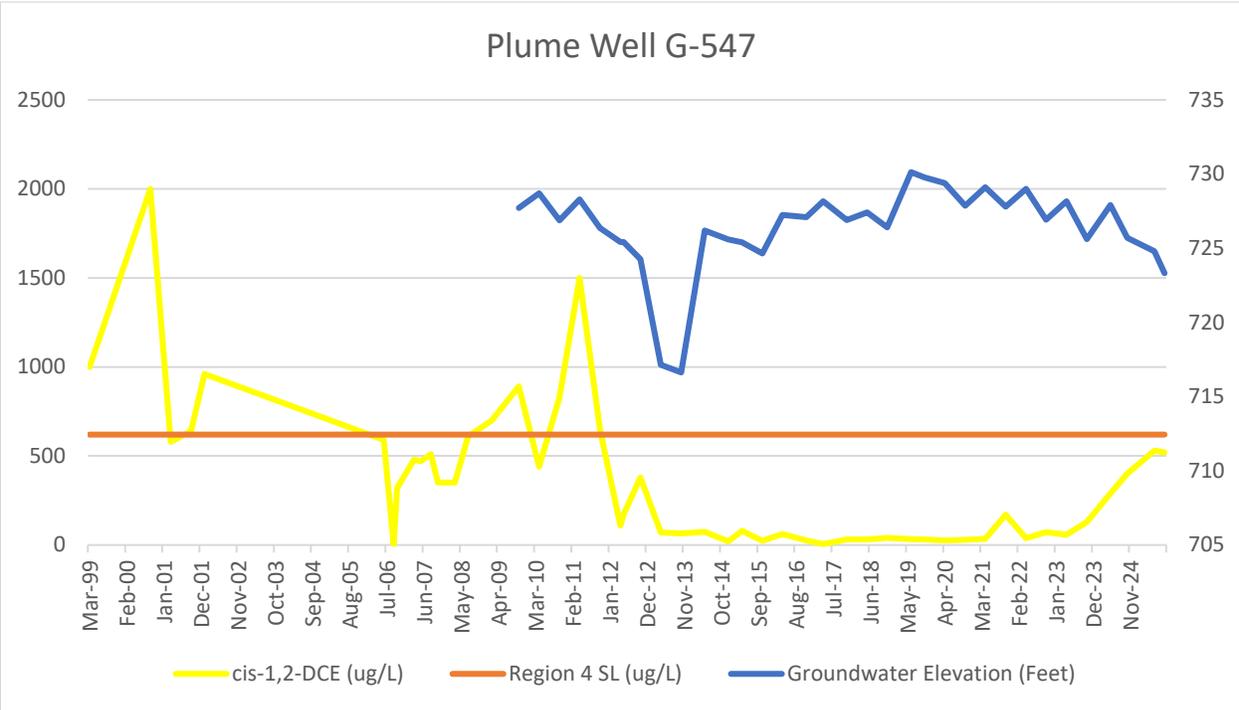
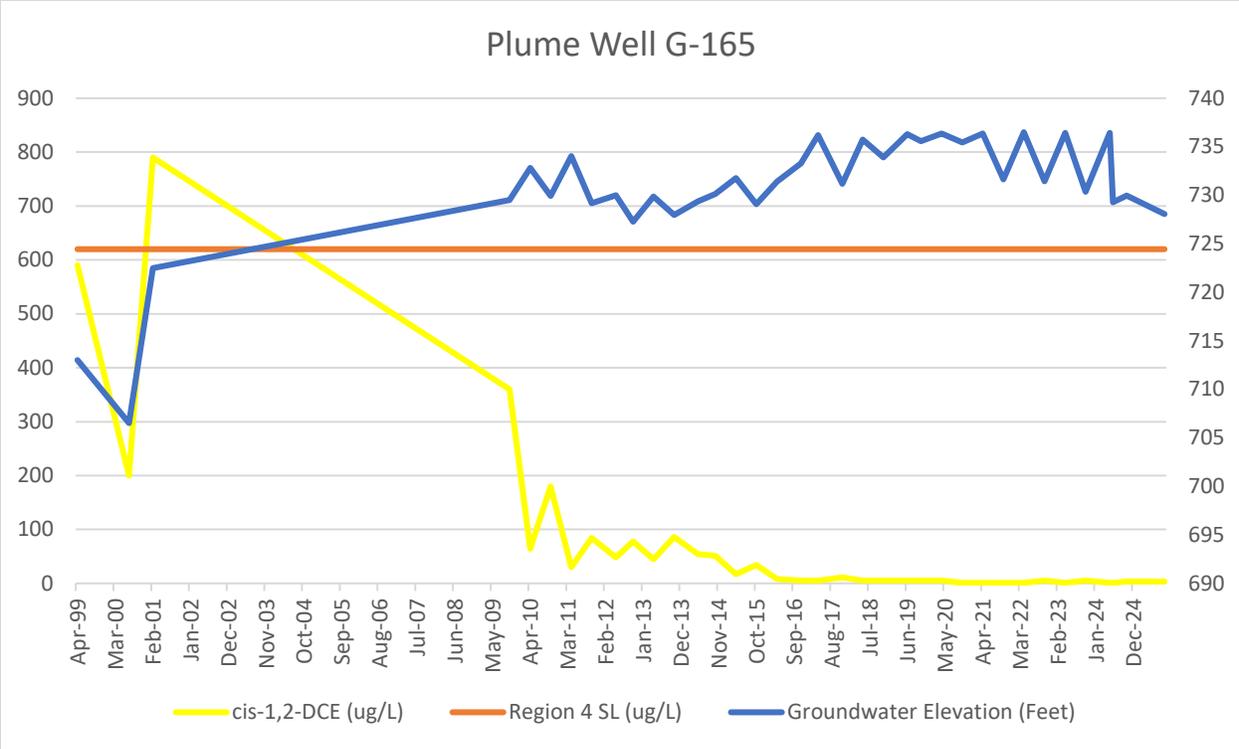


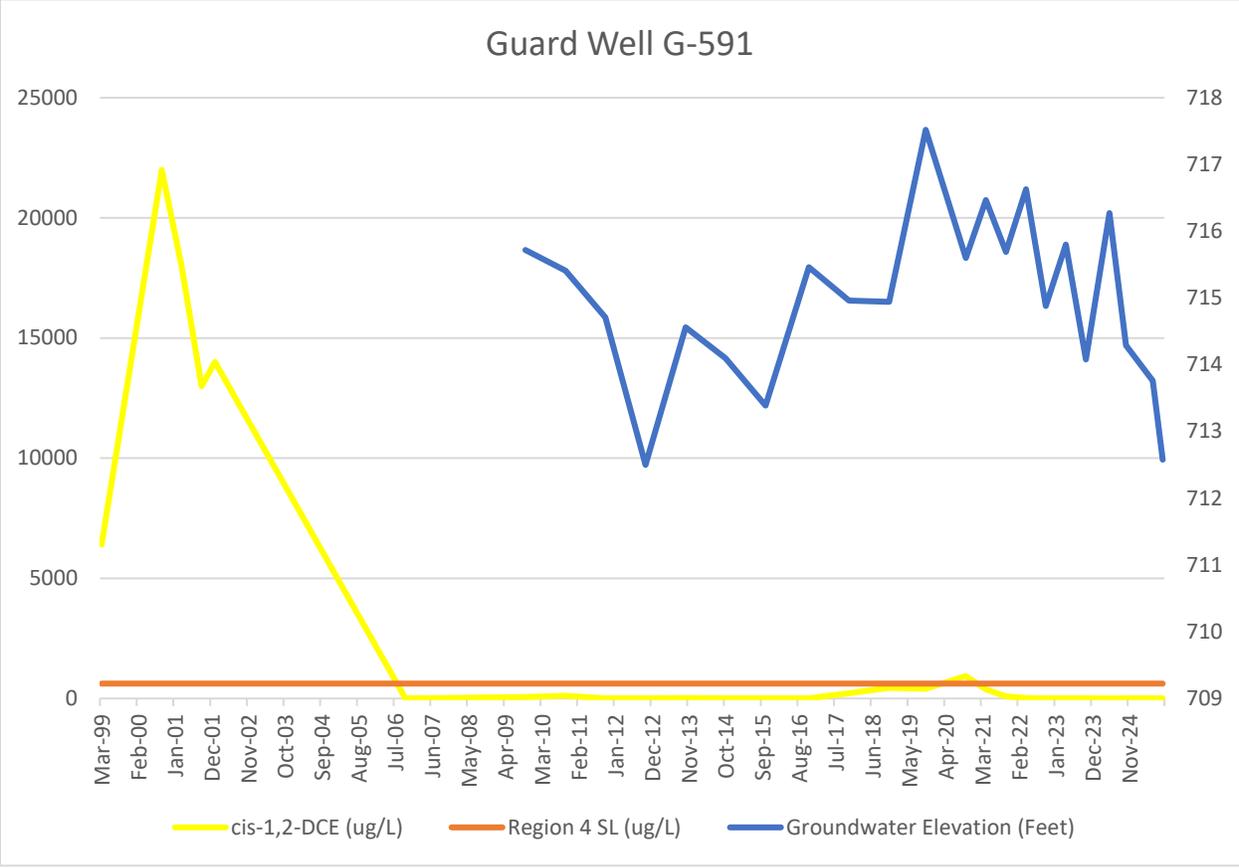
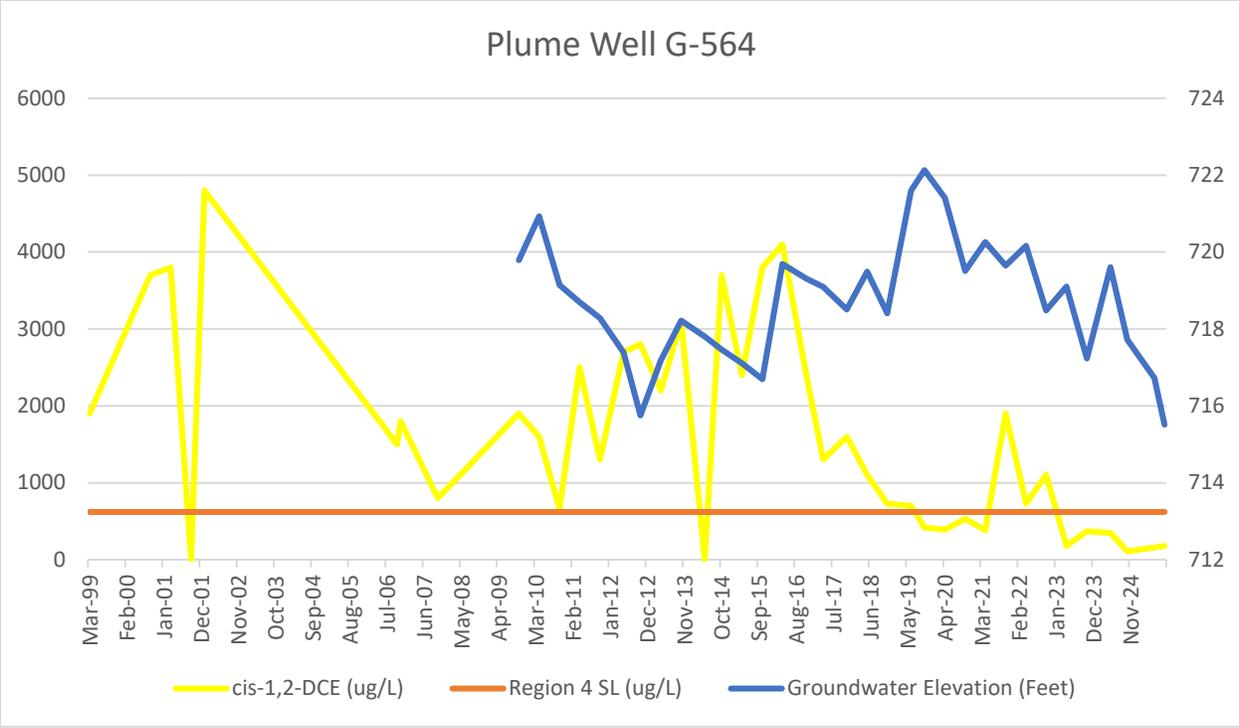
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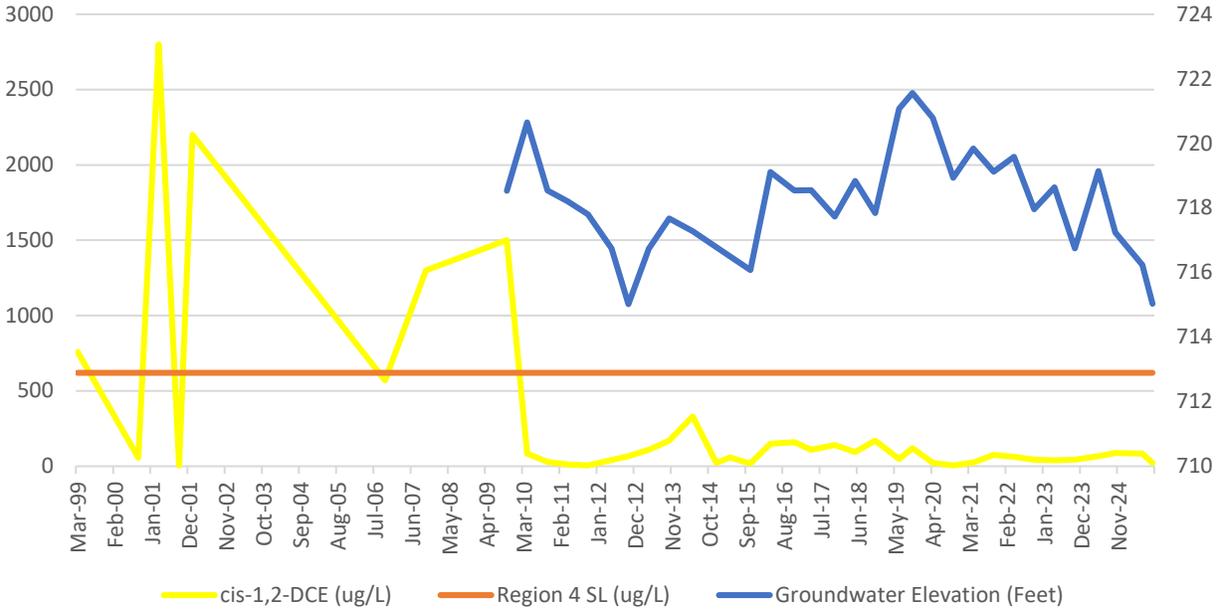


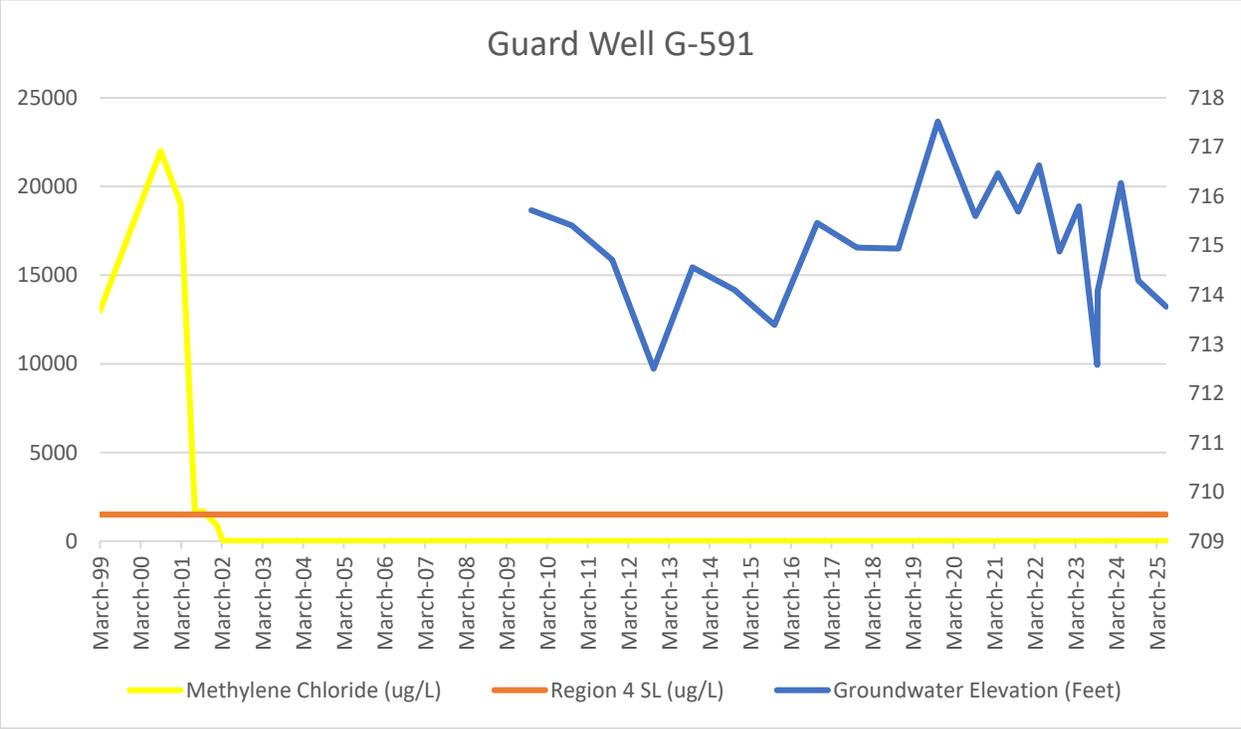
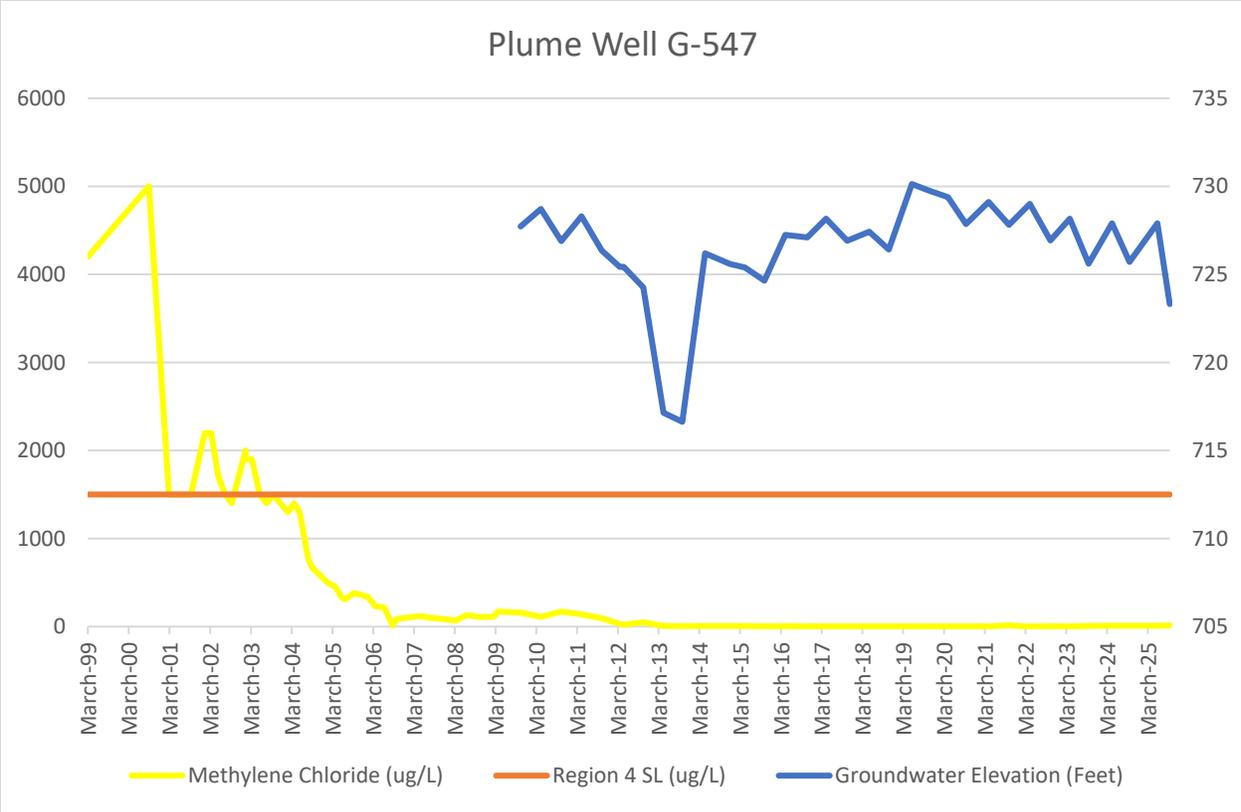


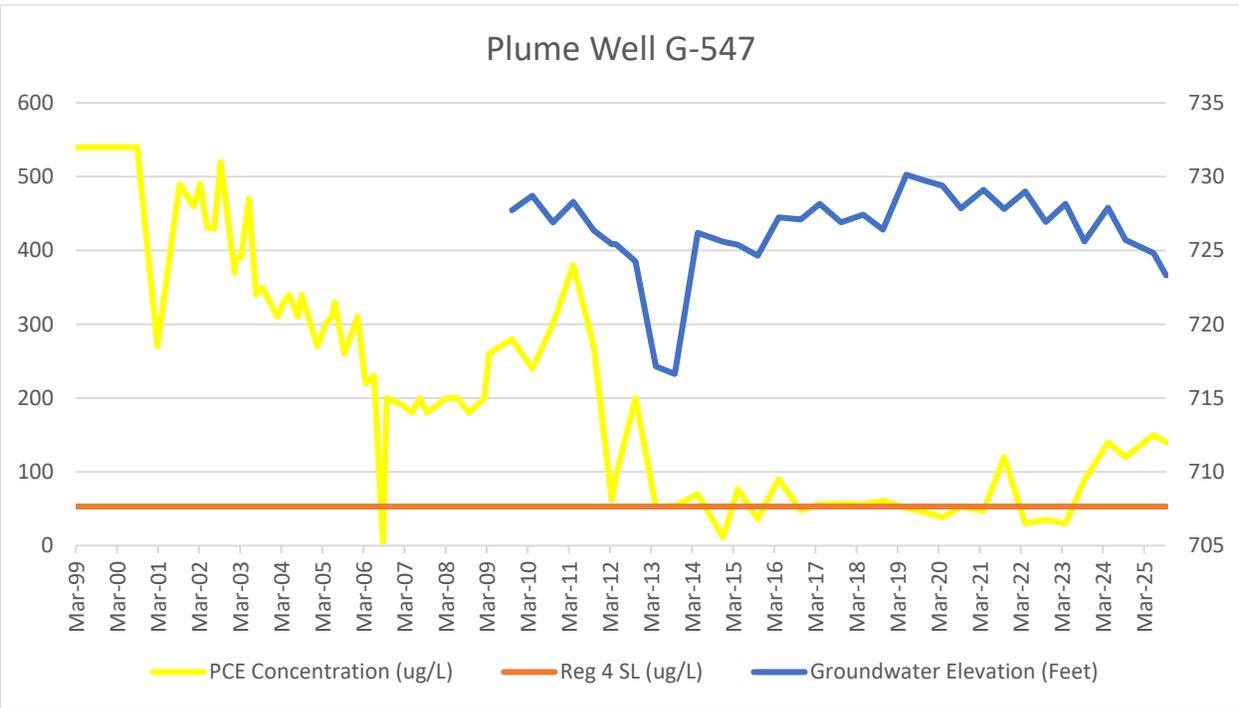
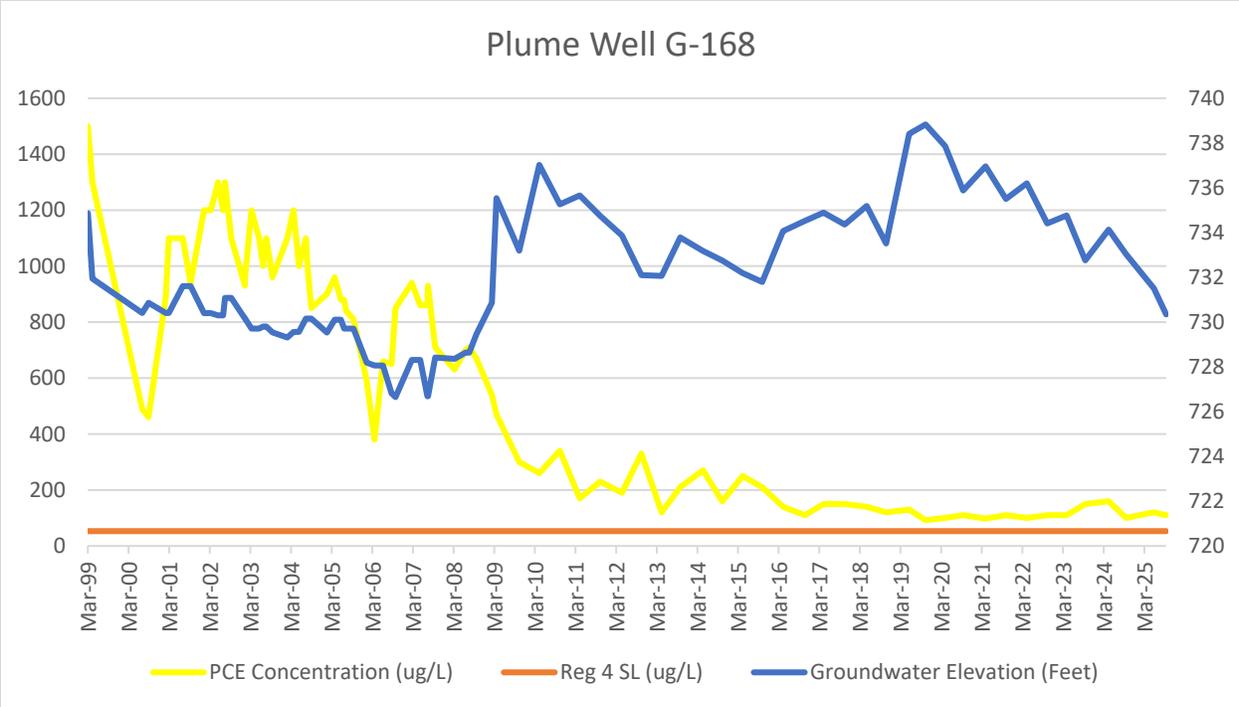


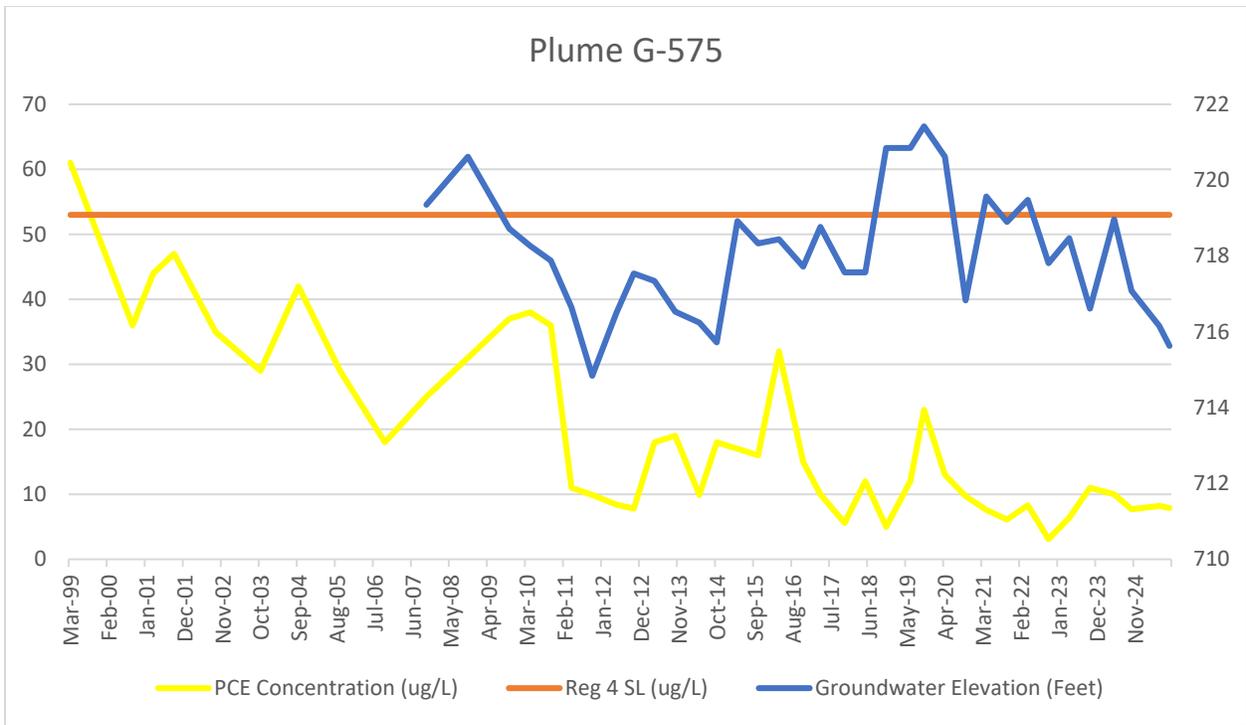
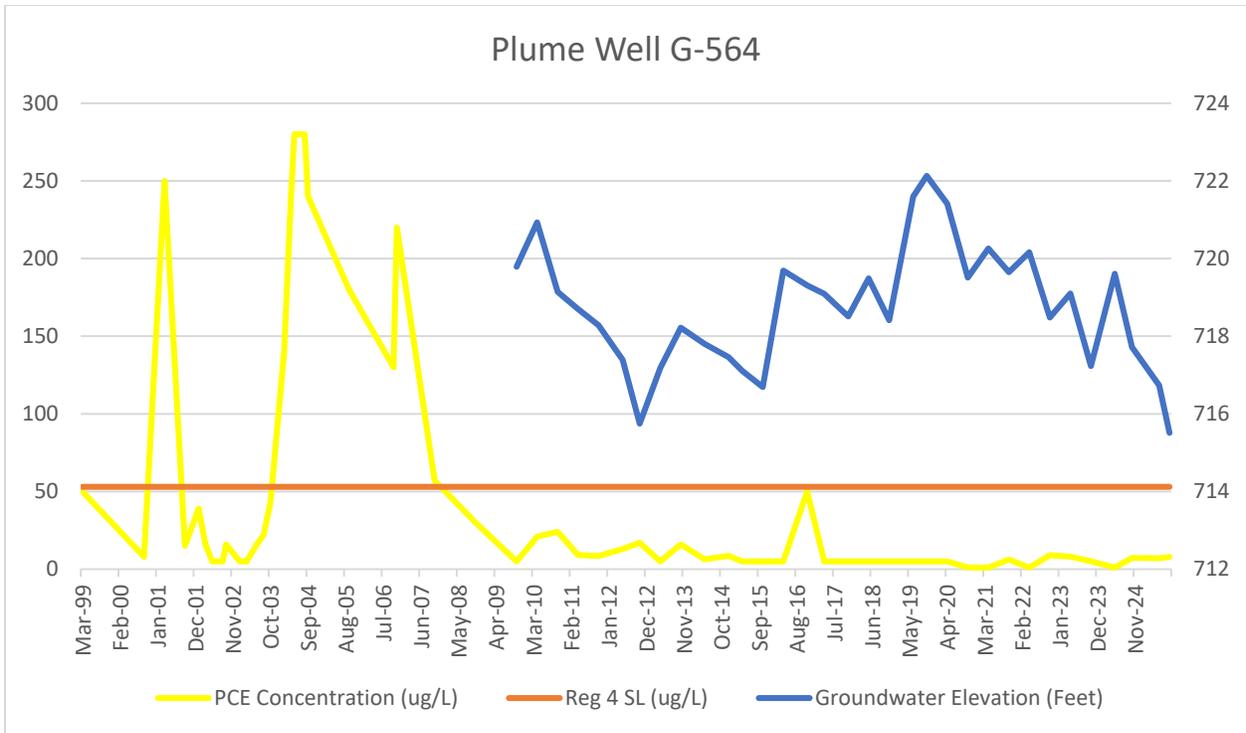


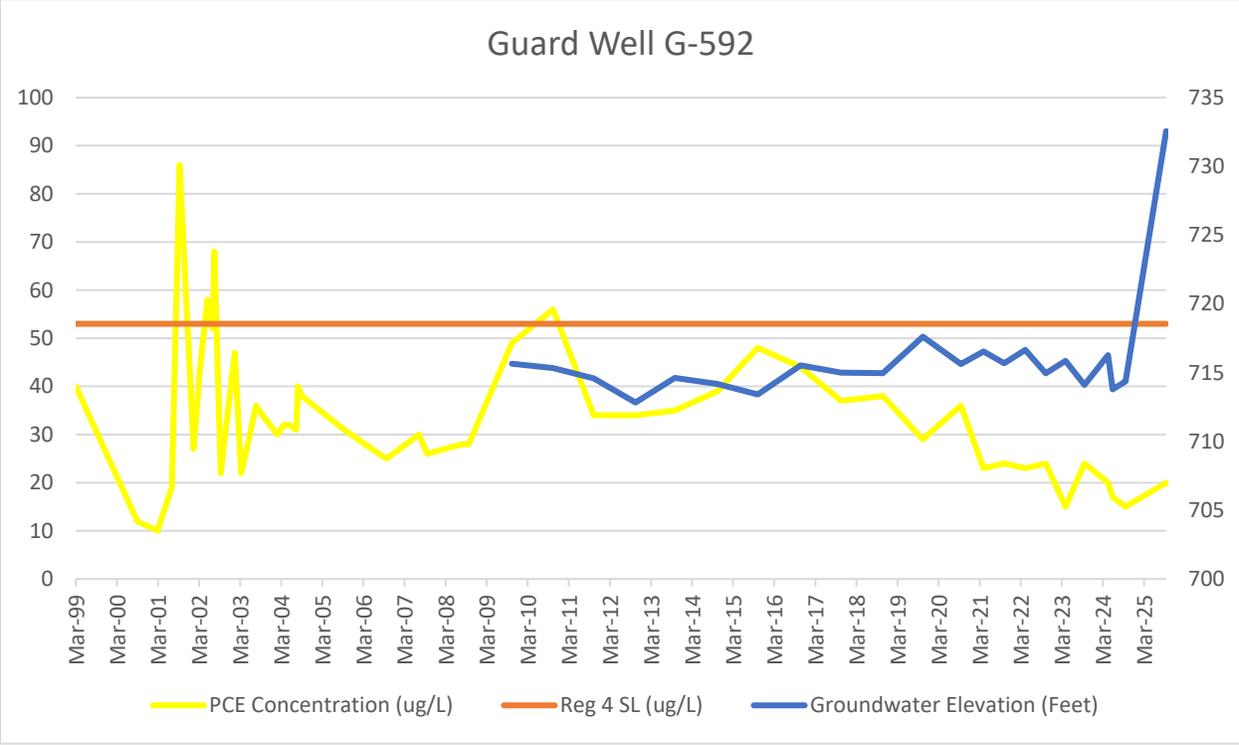
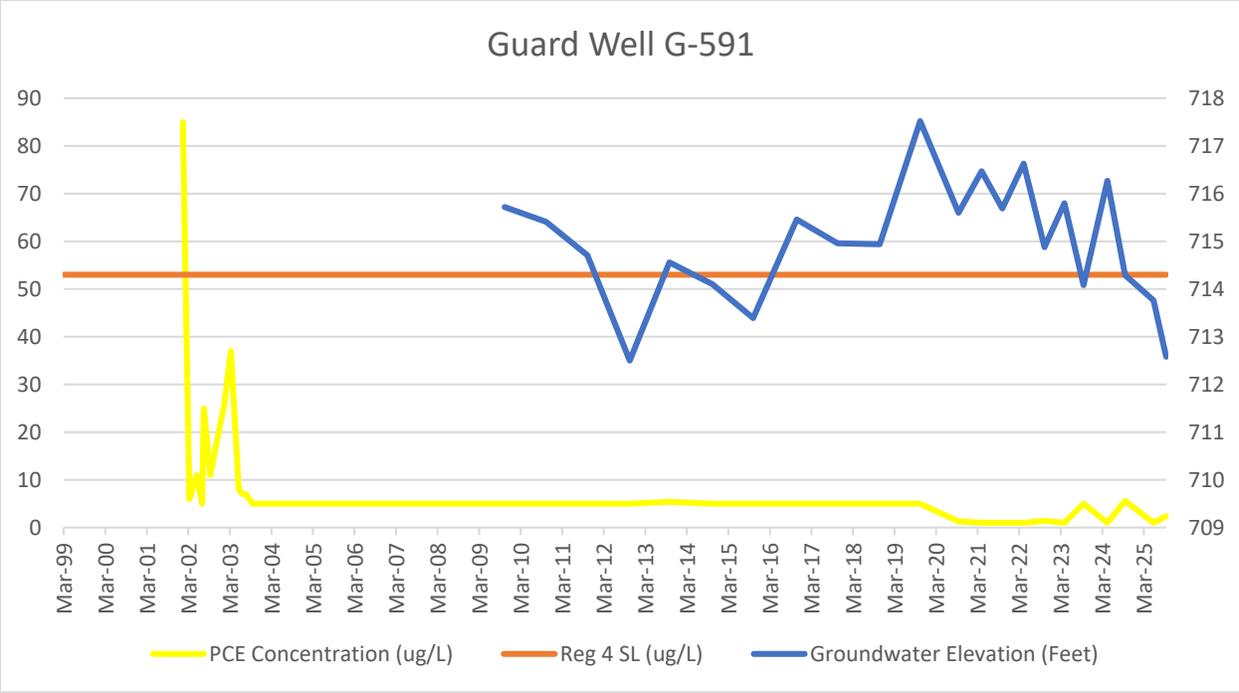
# Plume Well G-594



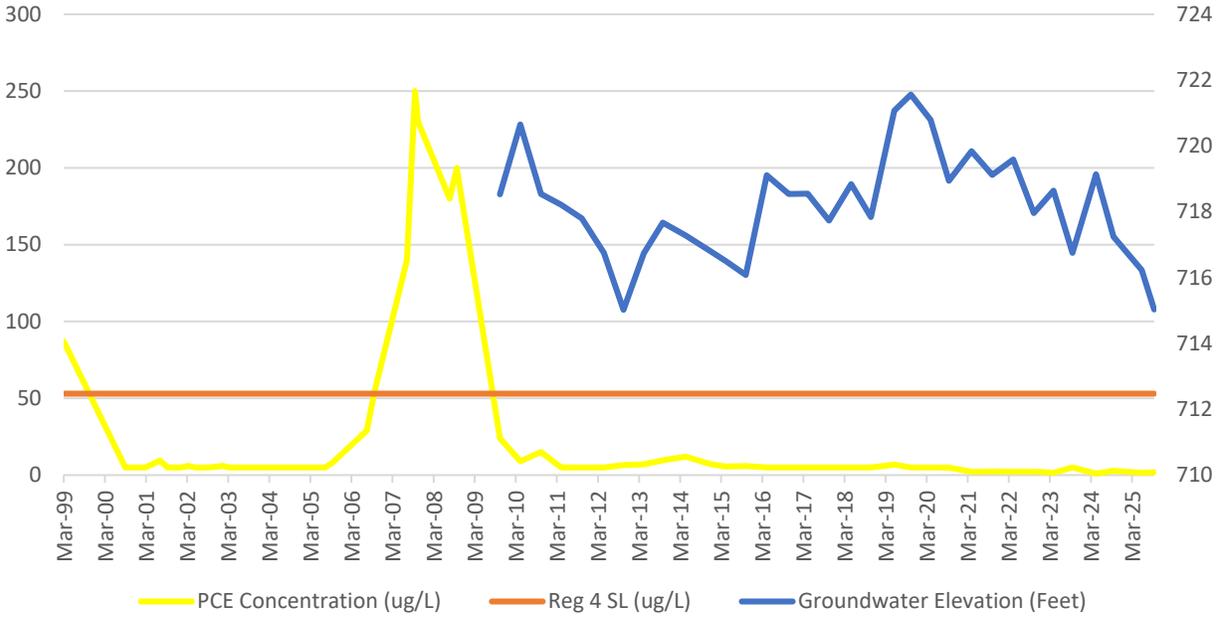


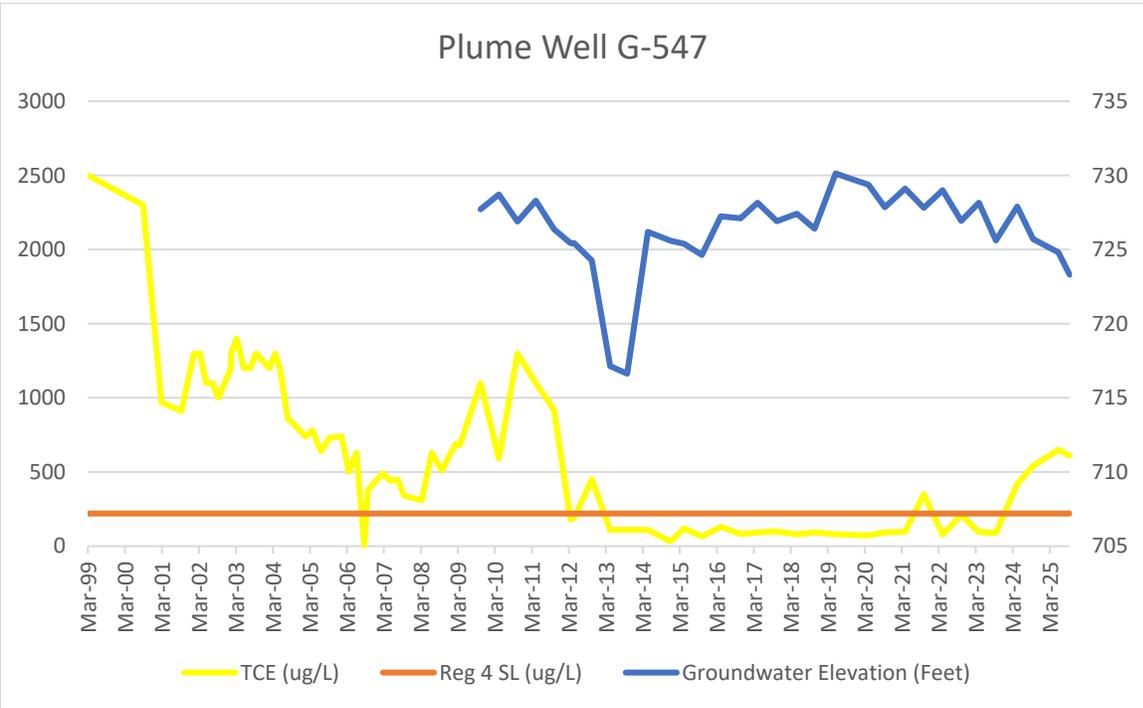
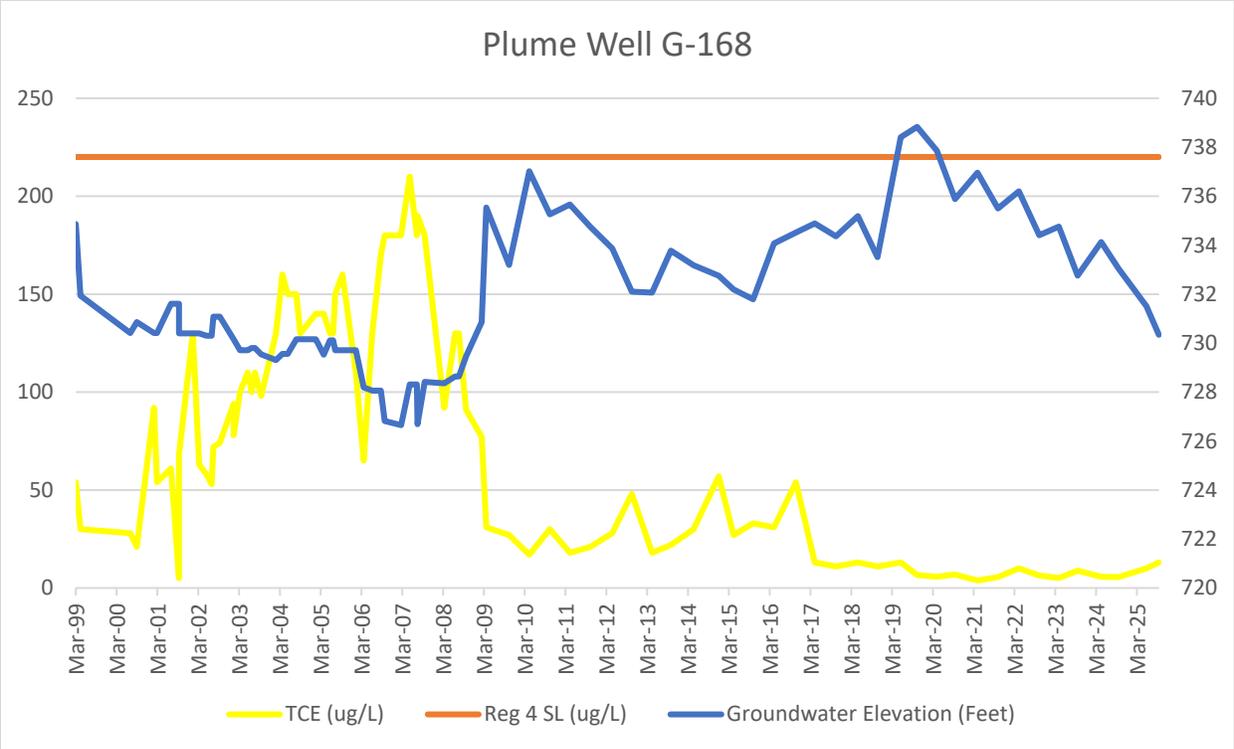


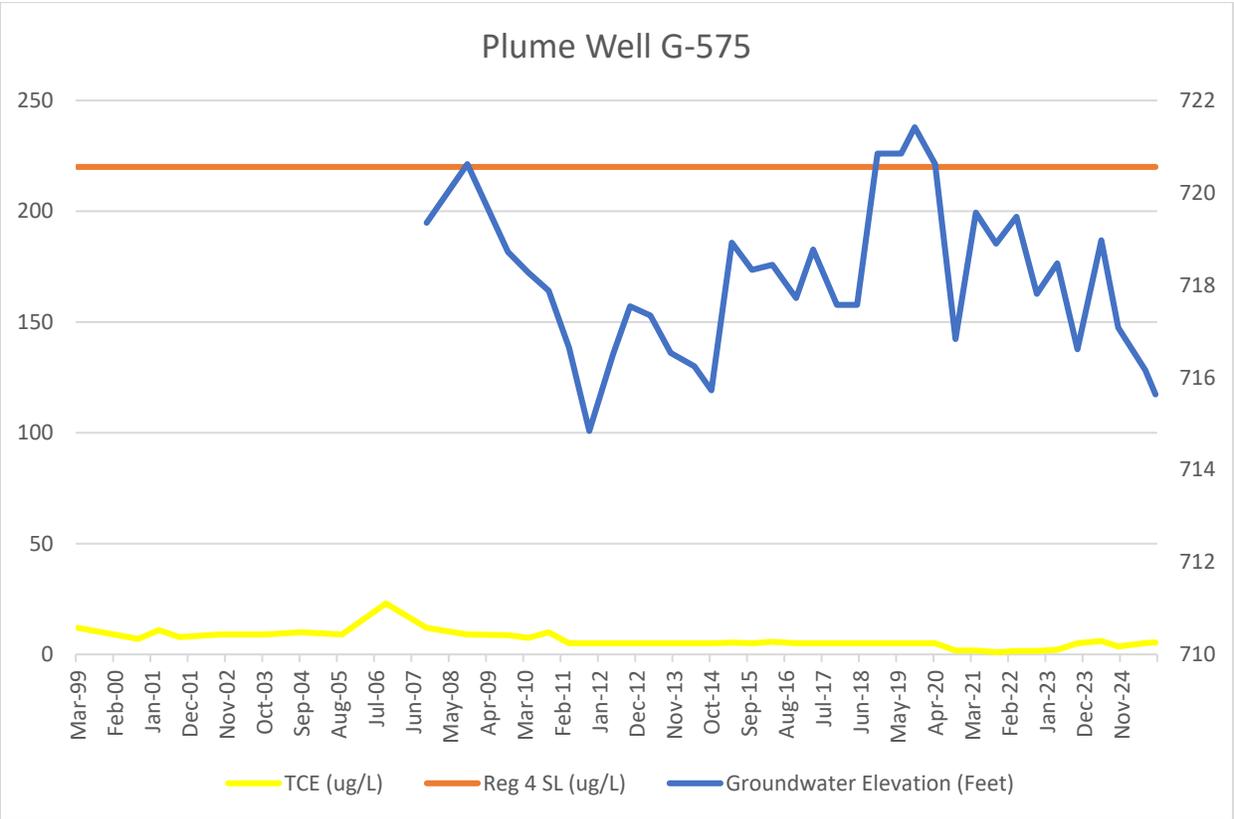
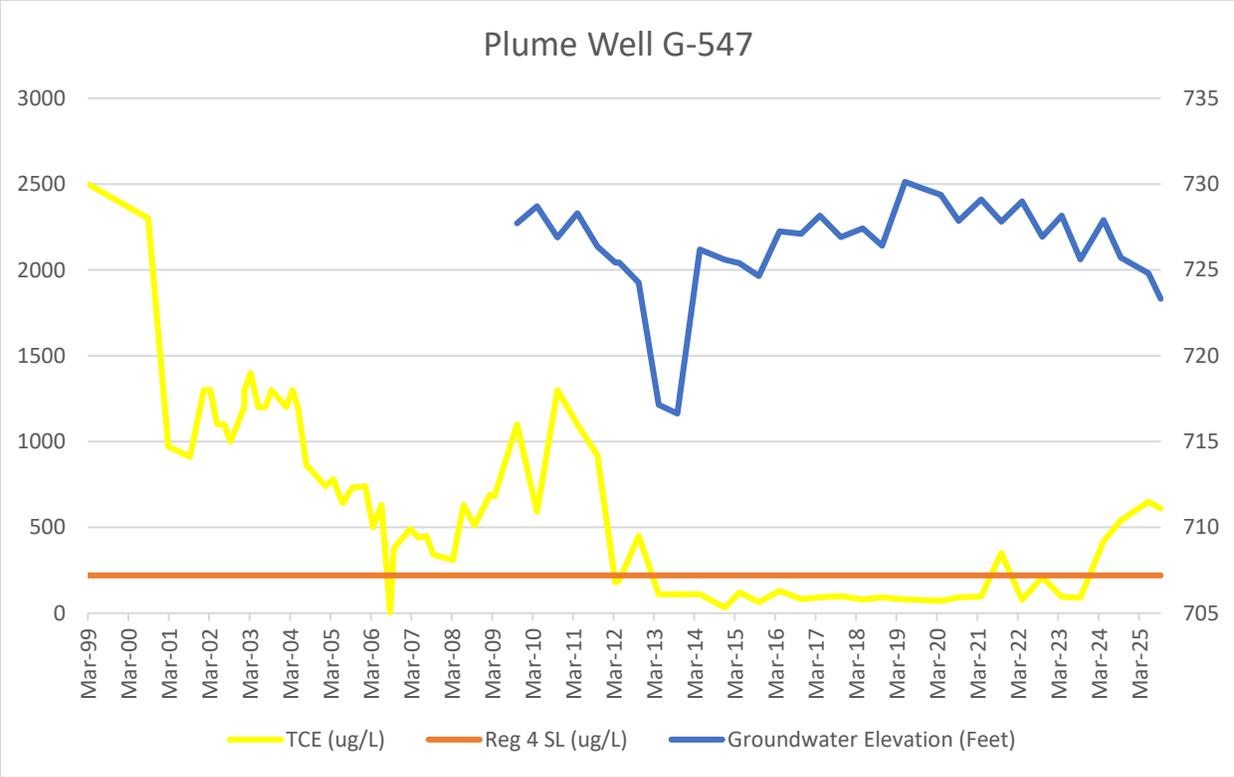


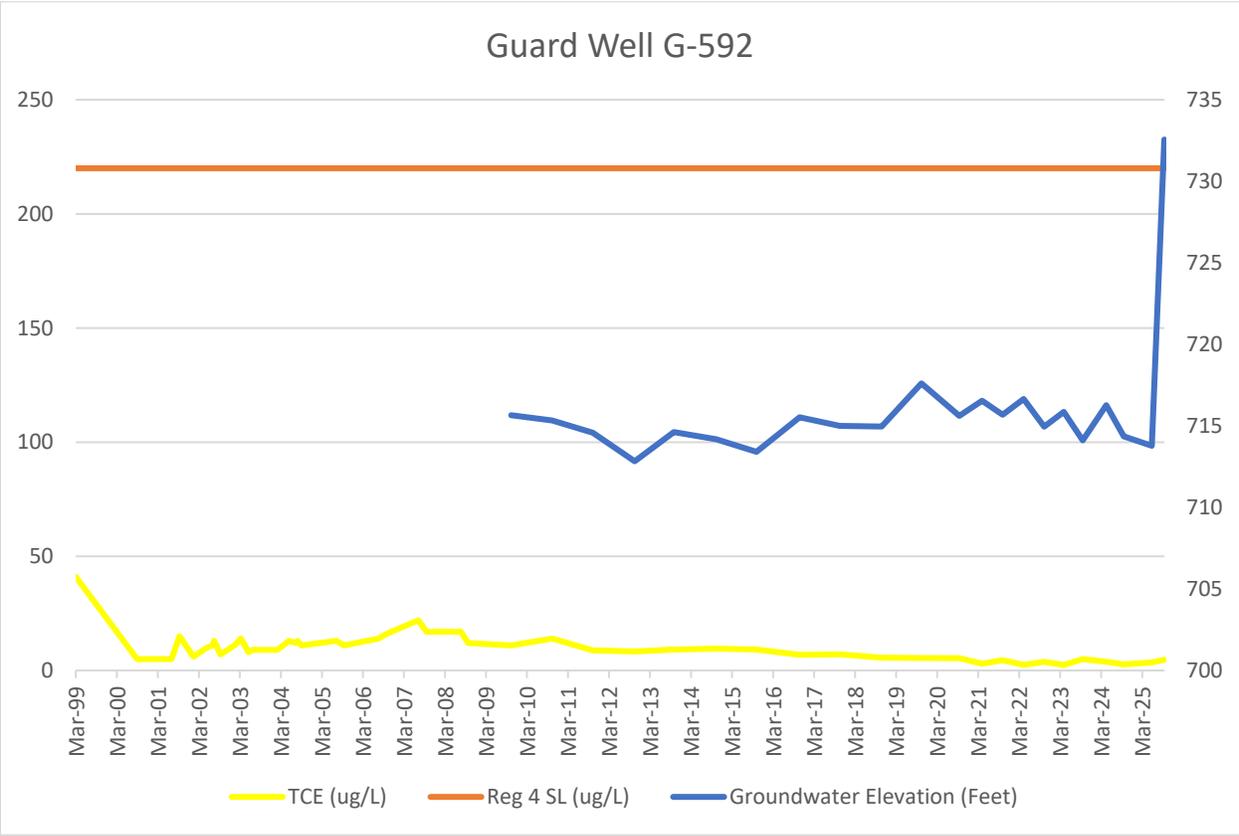
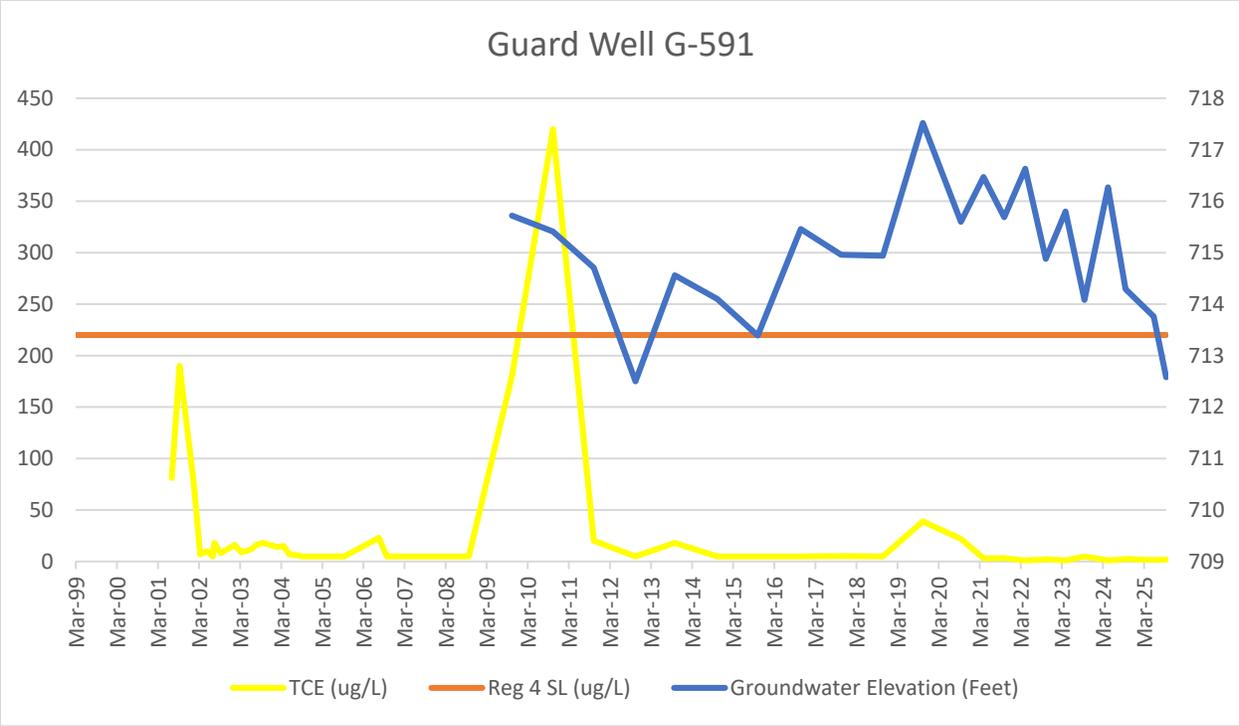


# Plume Well G-594



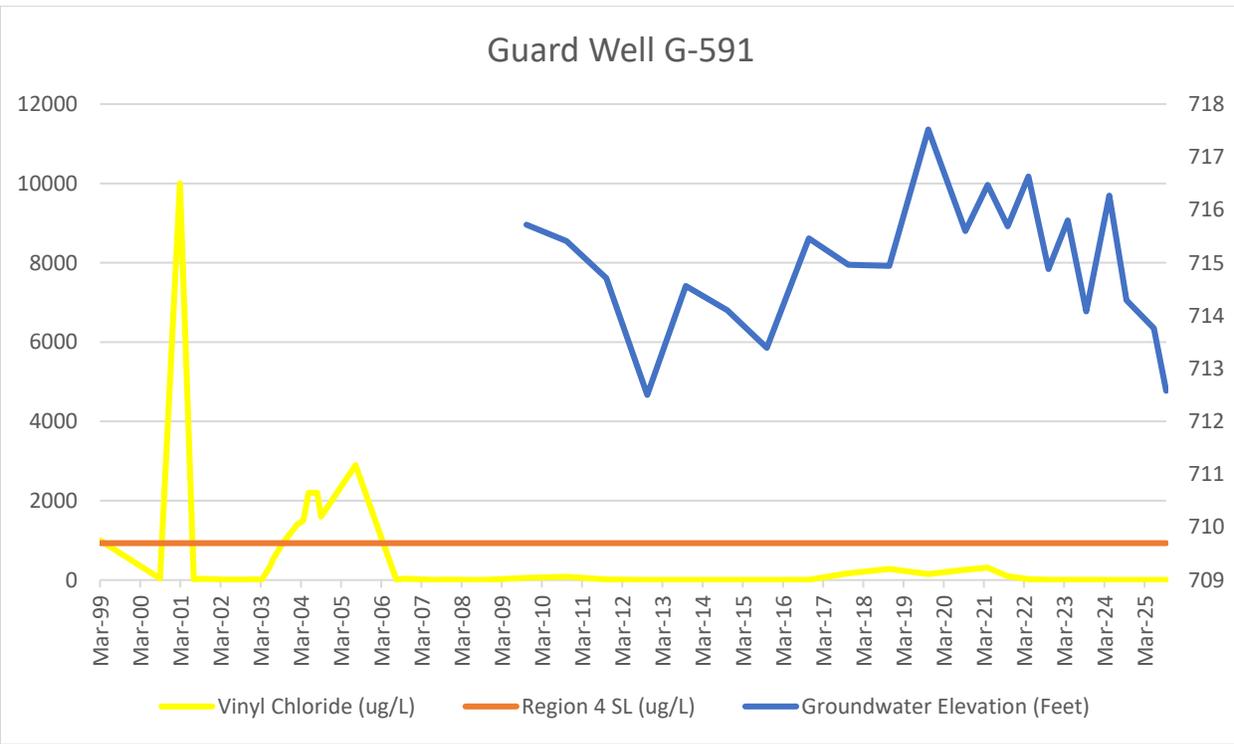
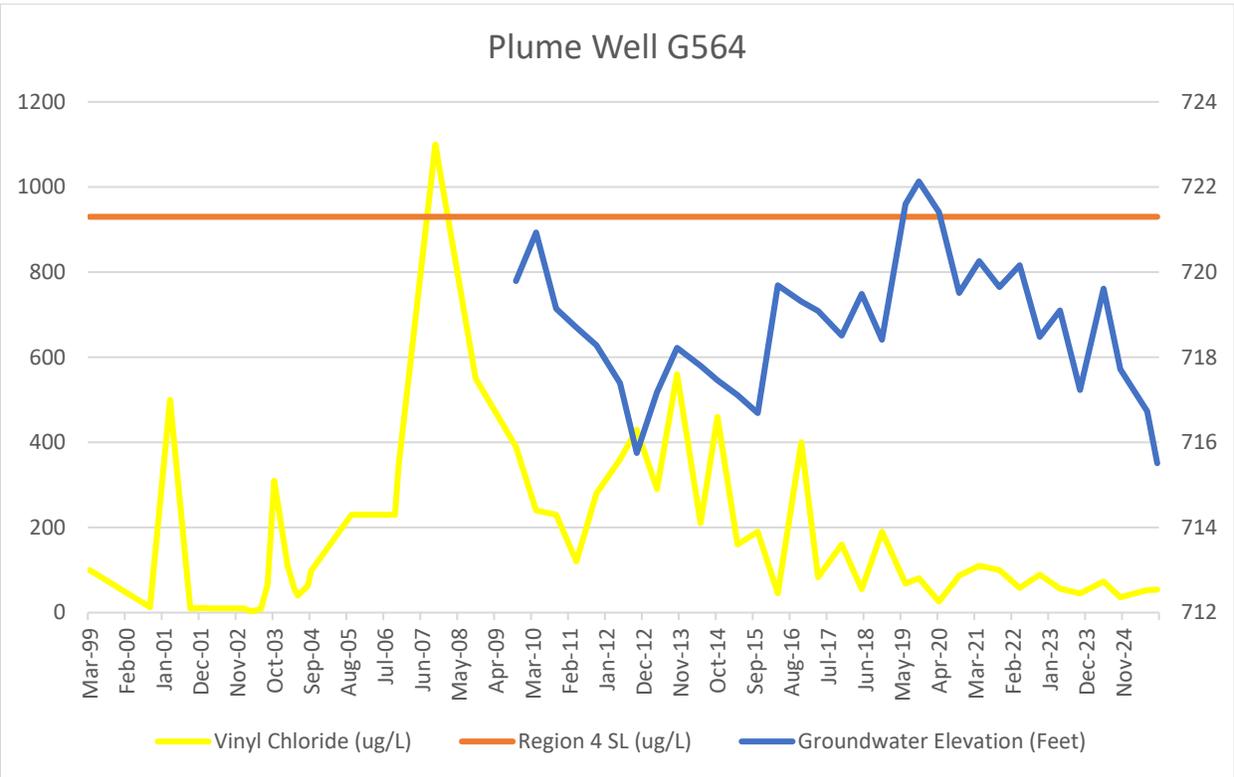






### Plume Well G-594





# Long-term Stewardship Program 2025 Five-Year Report

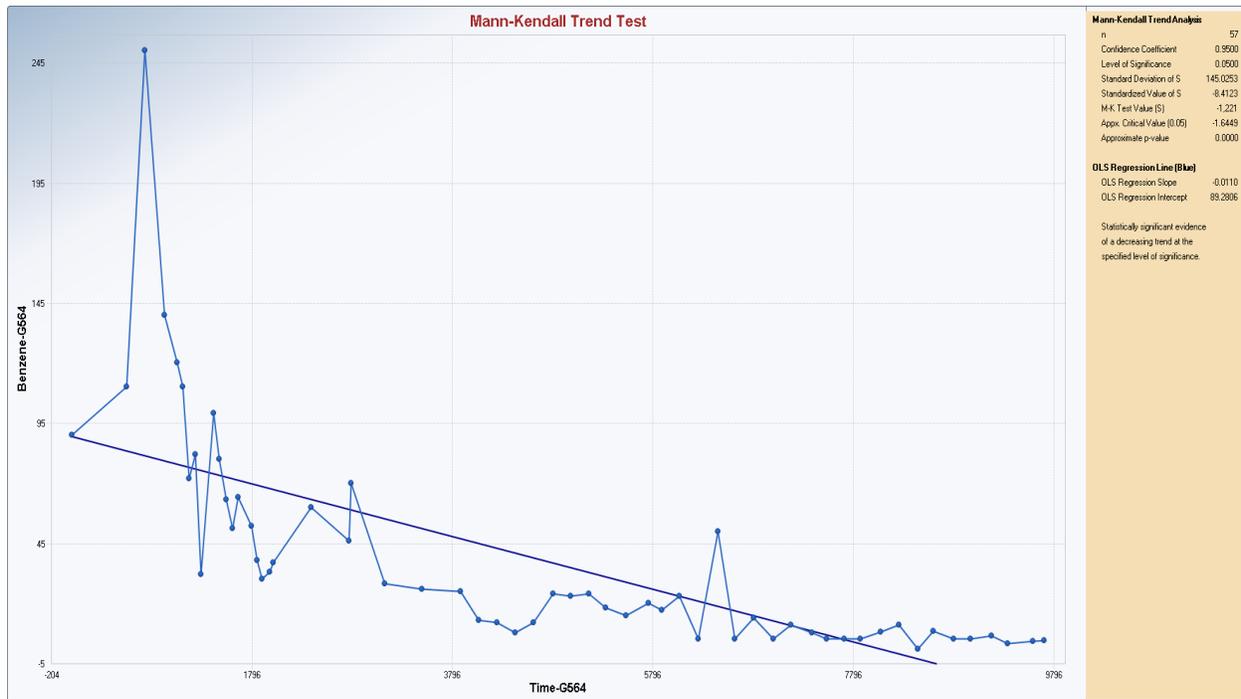
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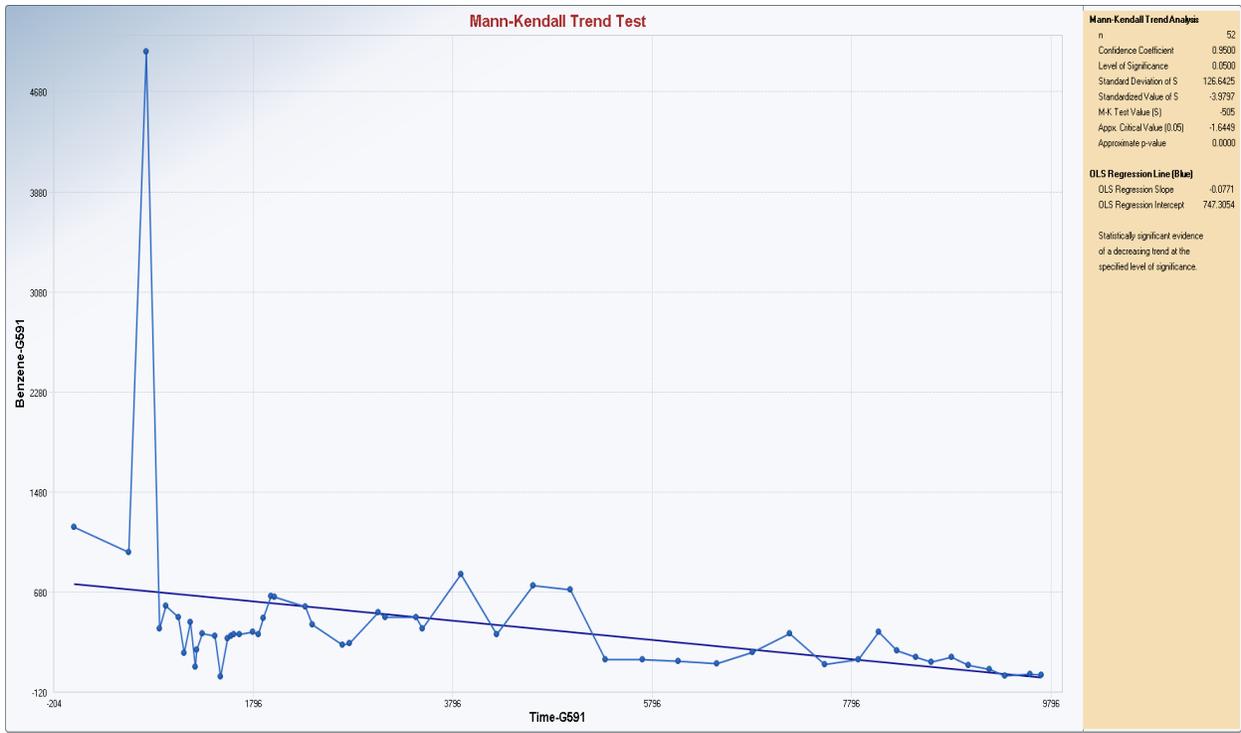
US Ecology, Sheffield, IL

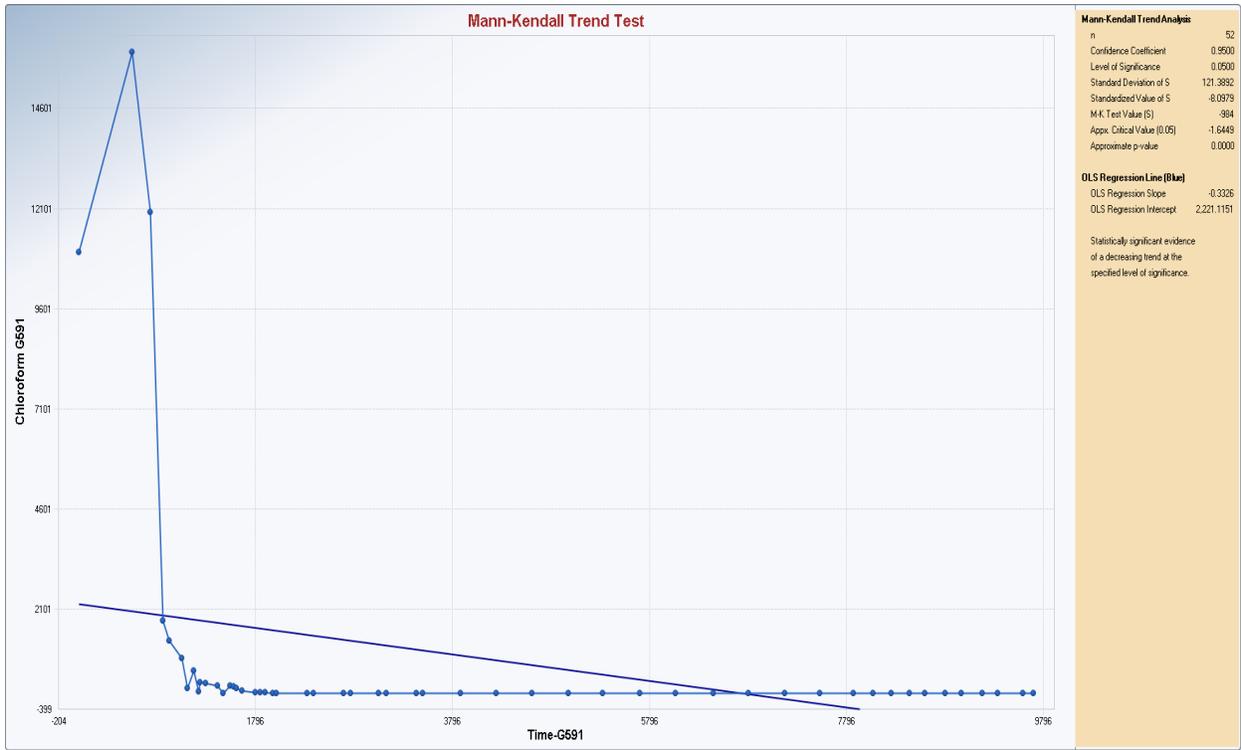
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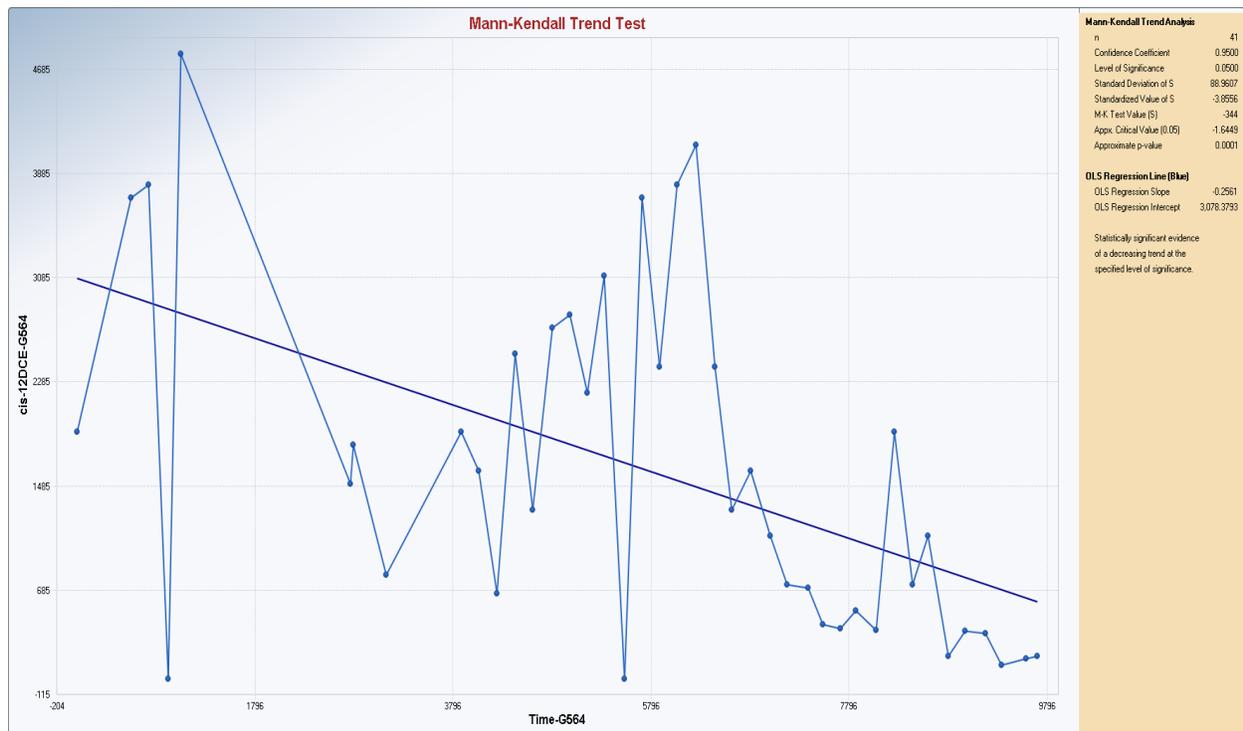
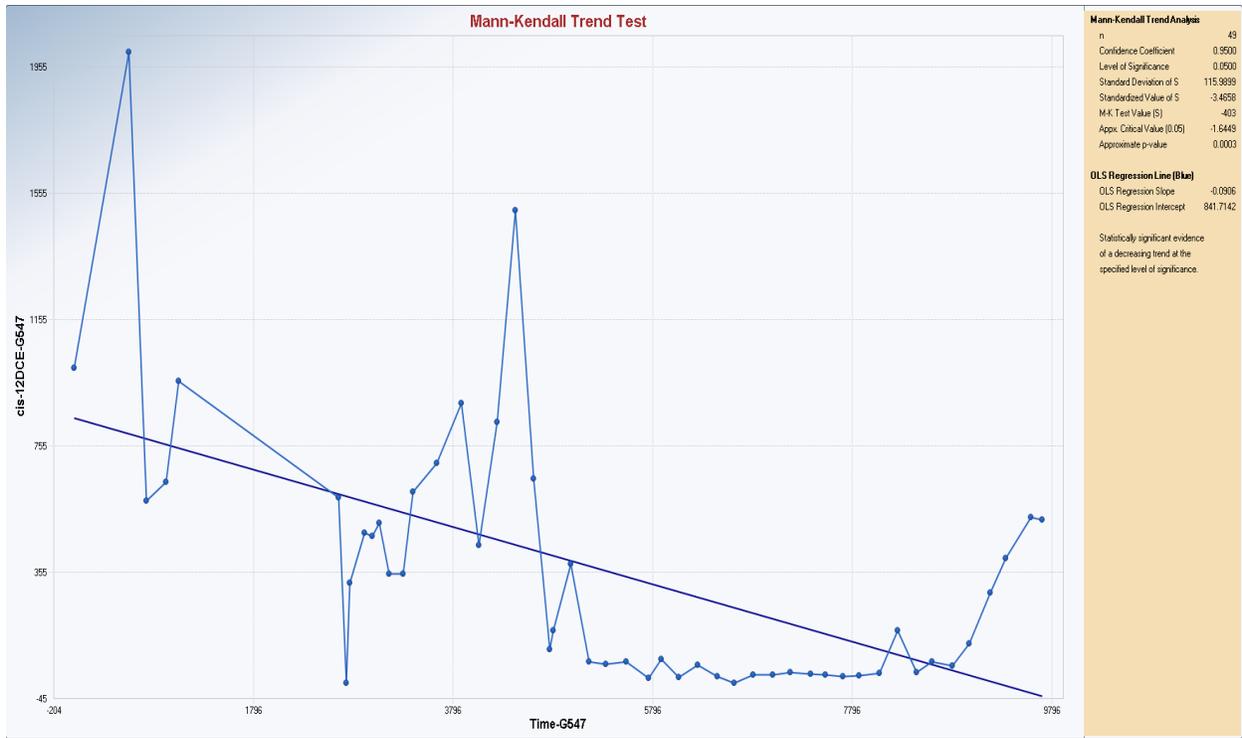
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February 13, 2026

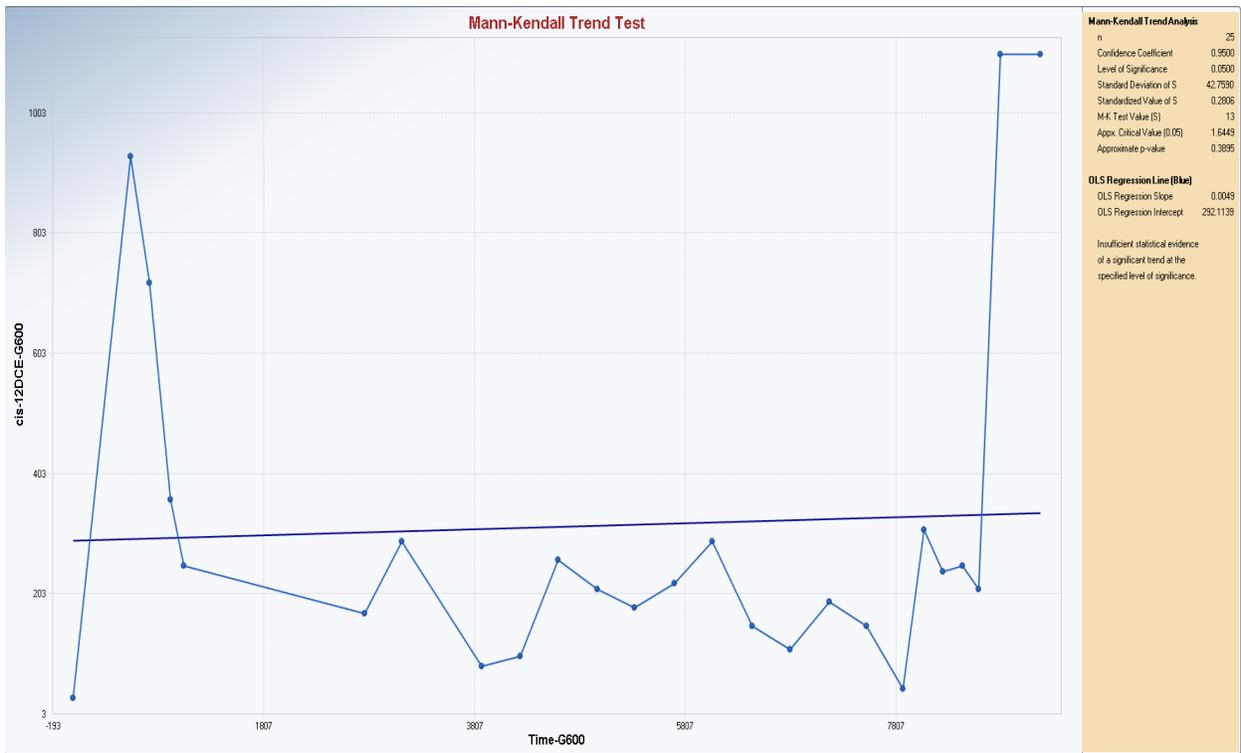
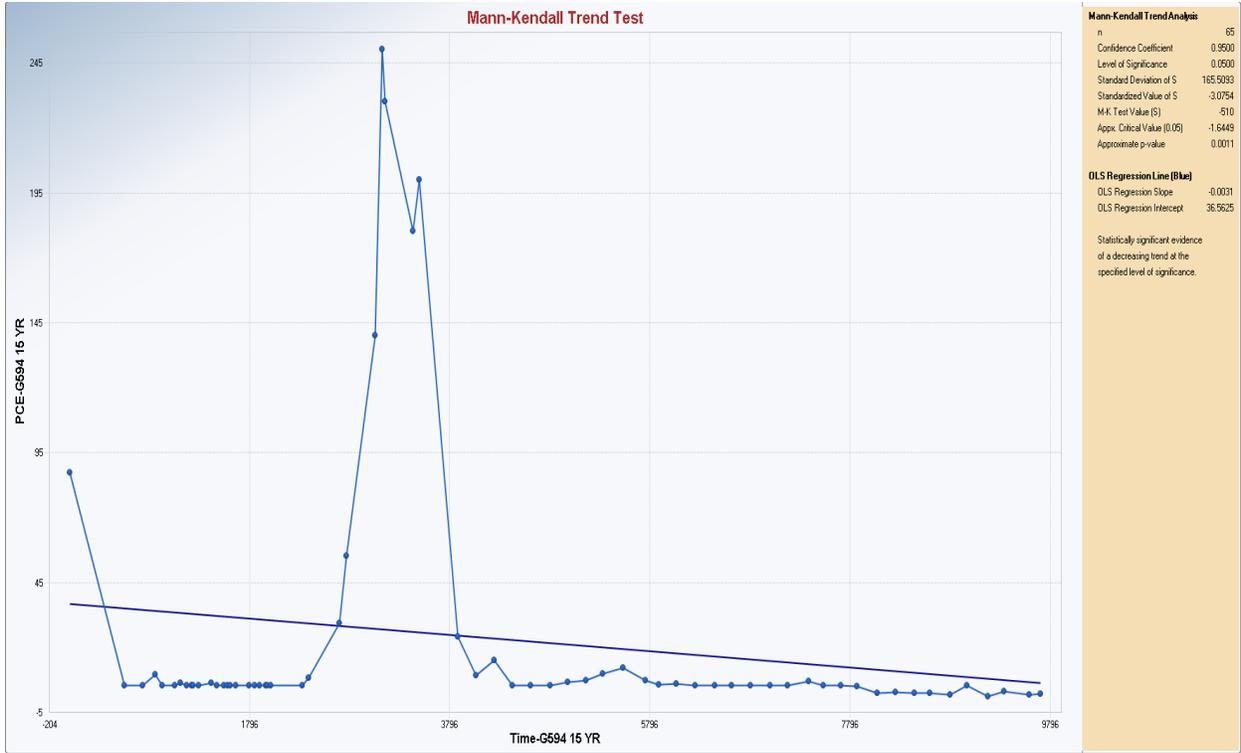


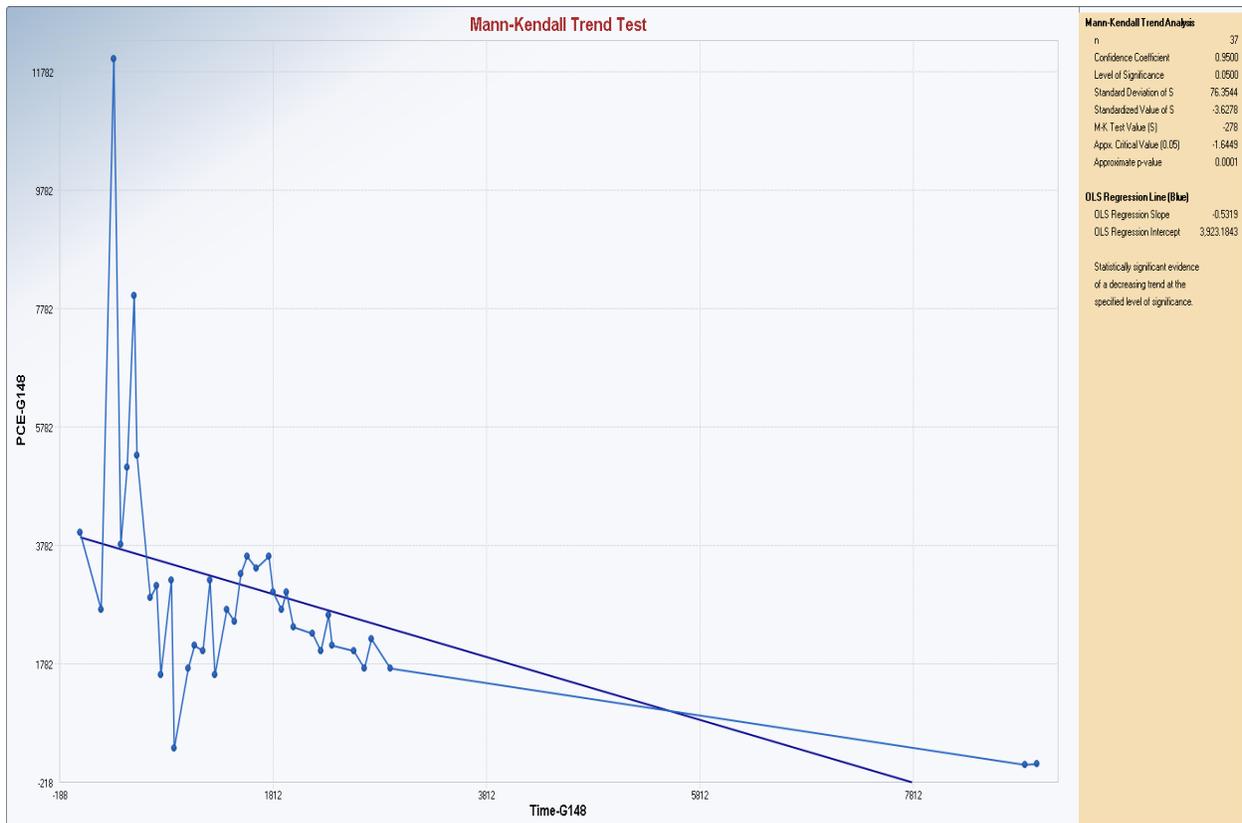


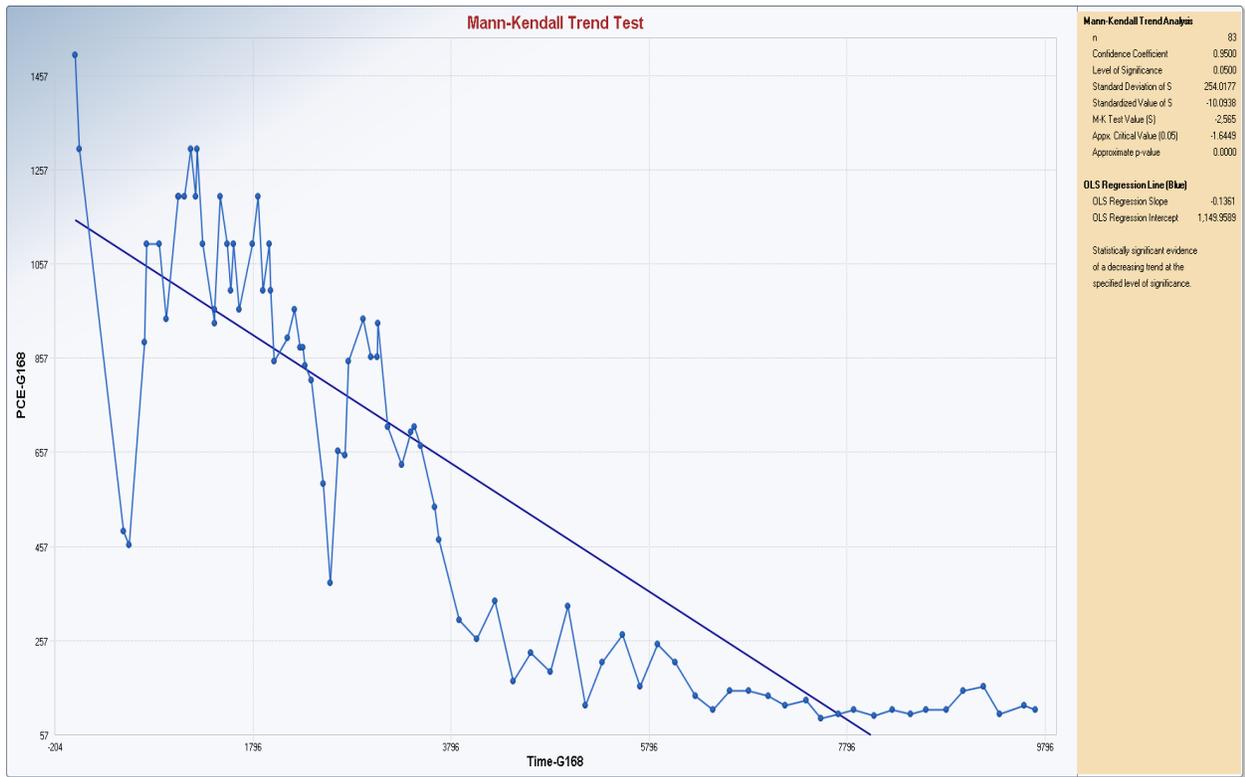
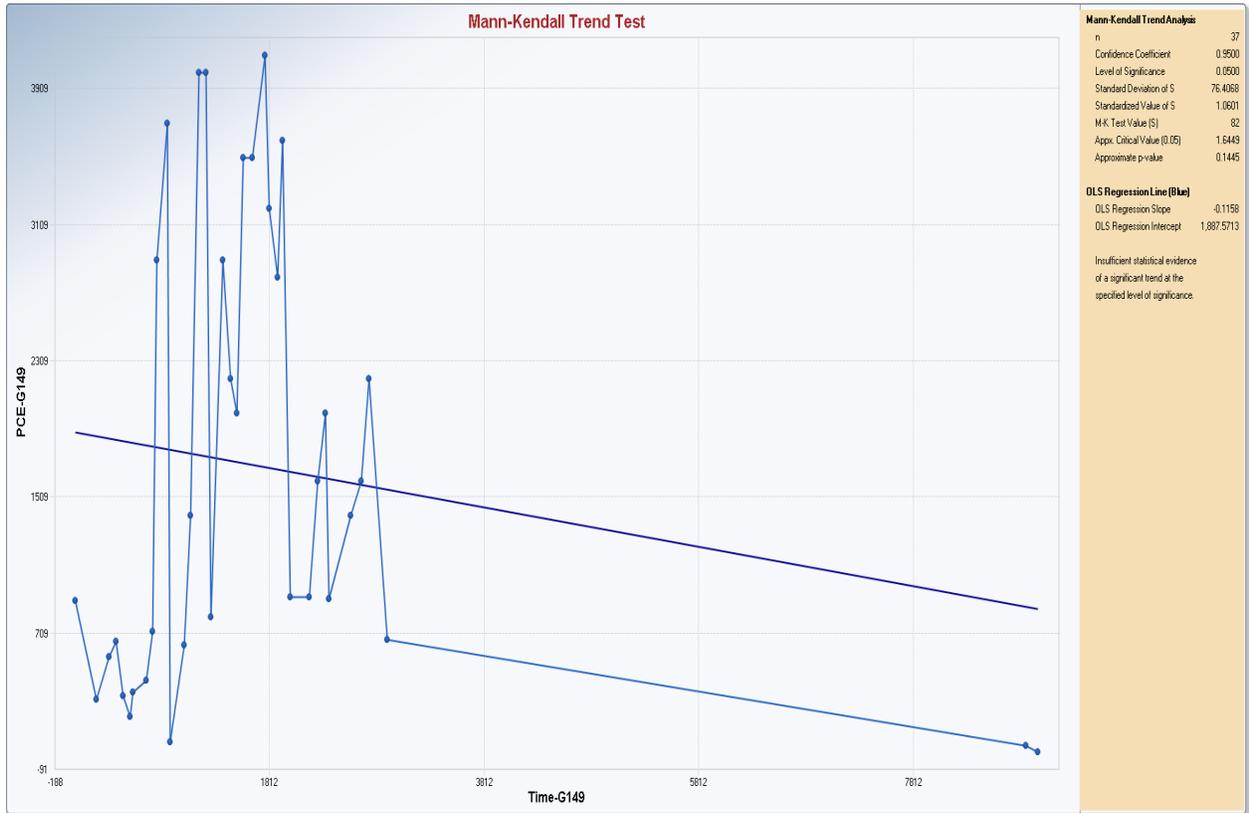


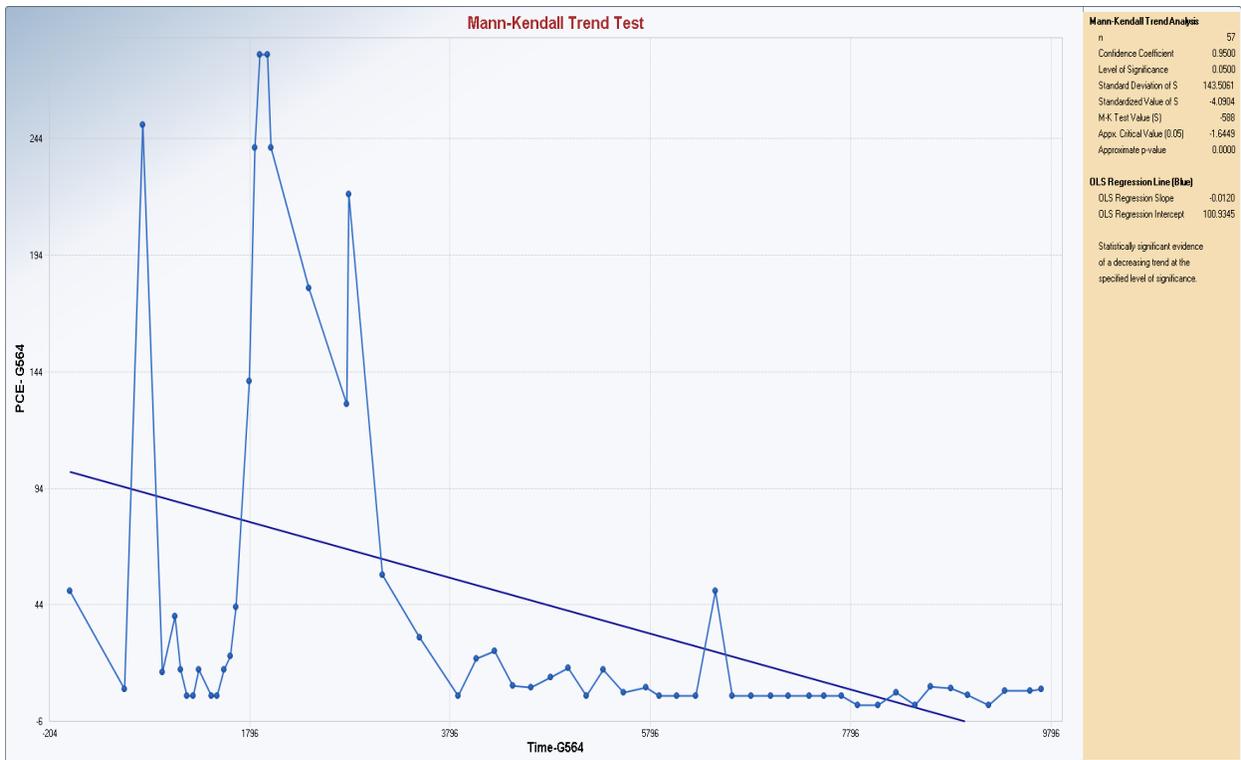
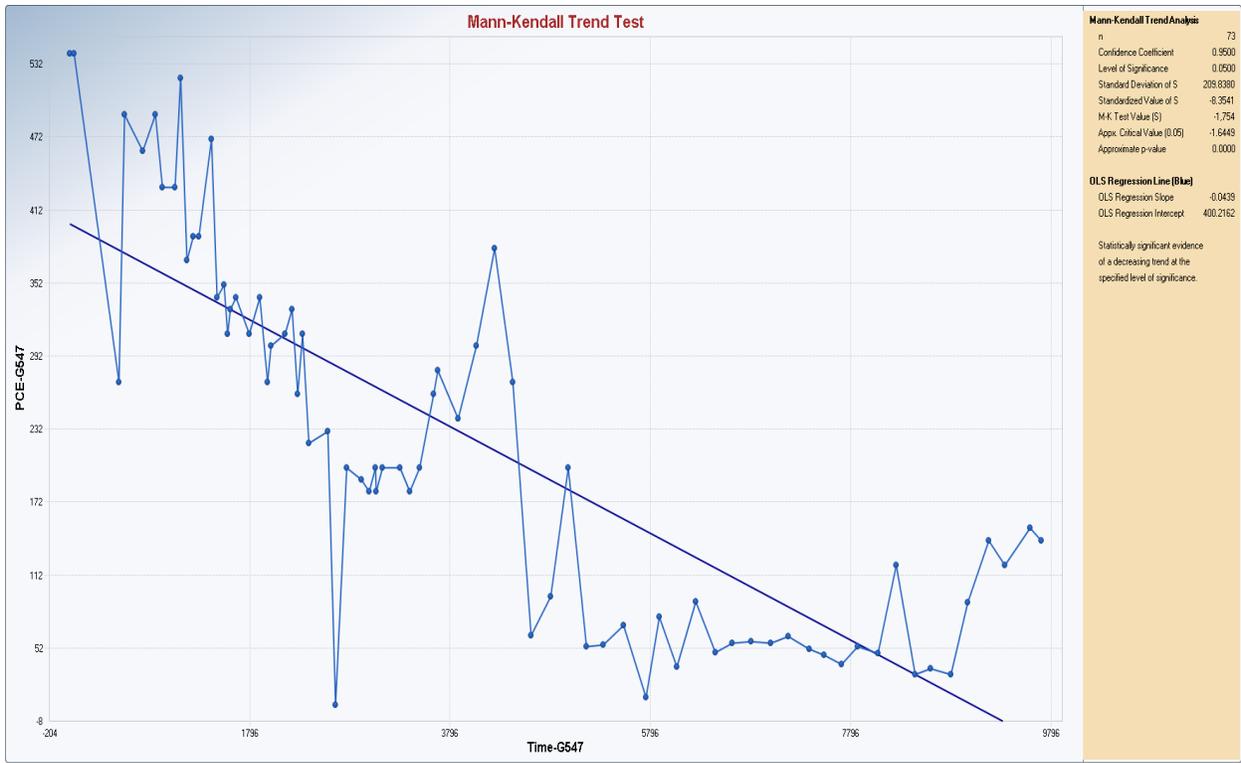


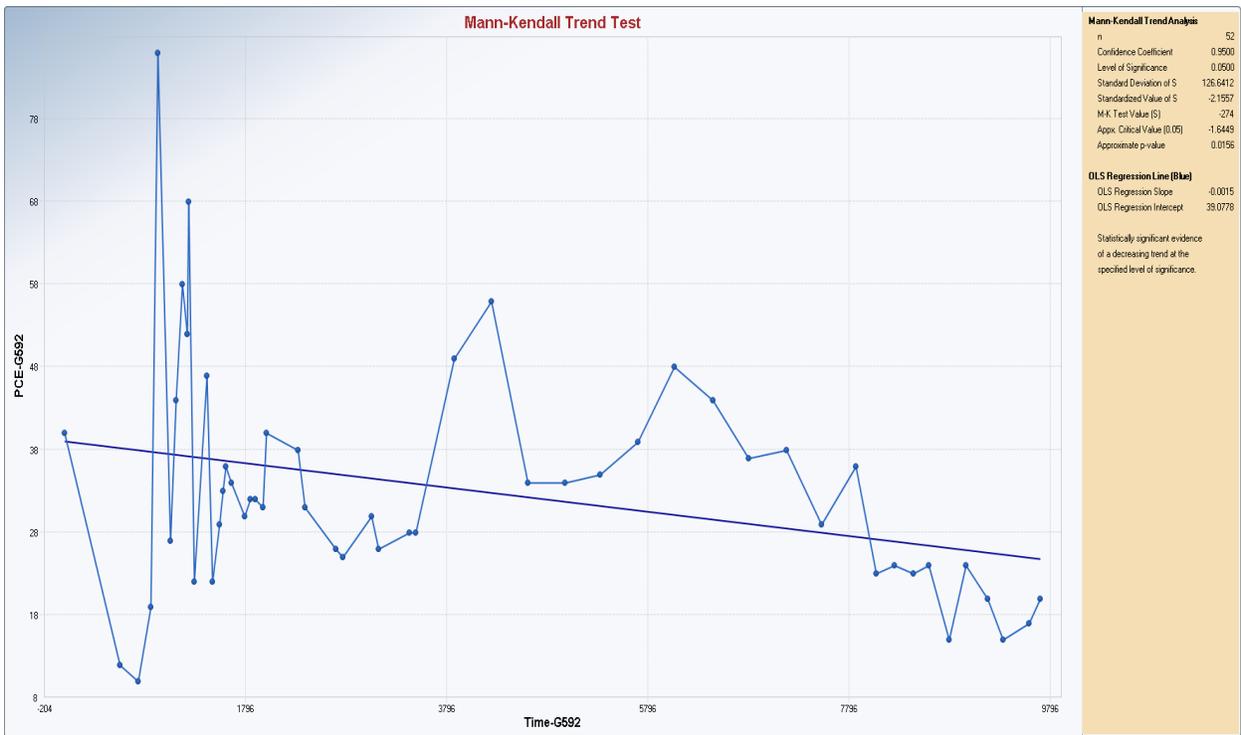
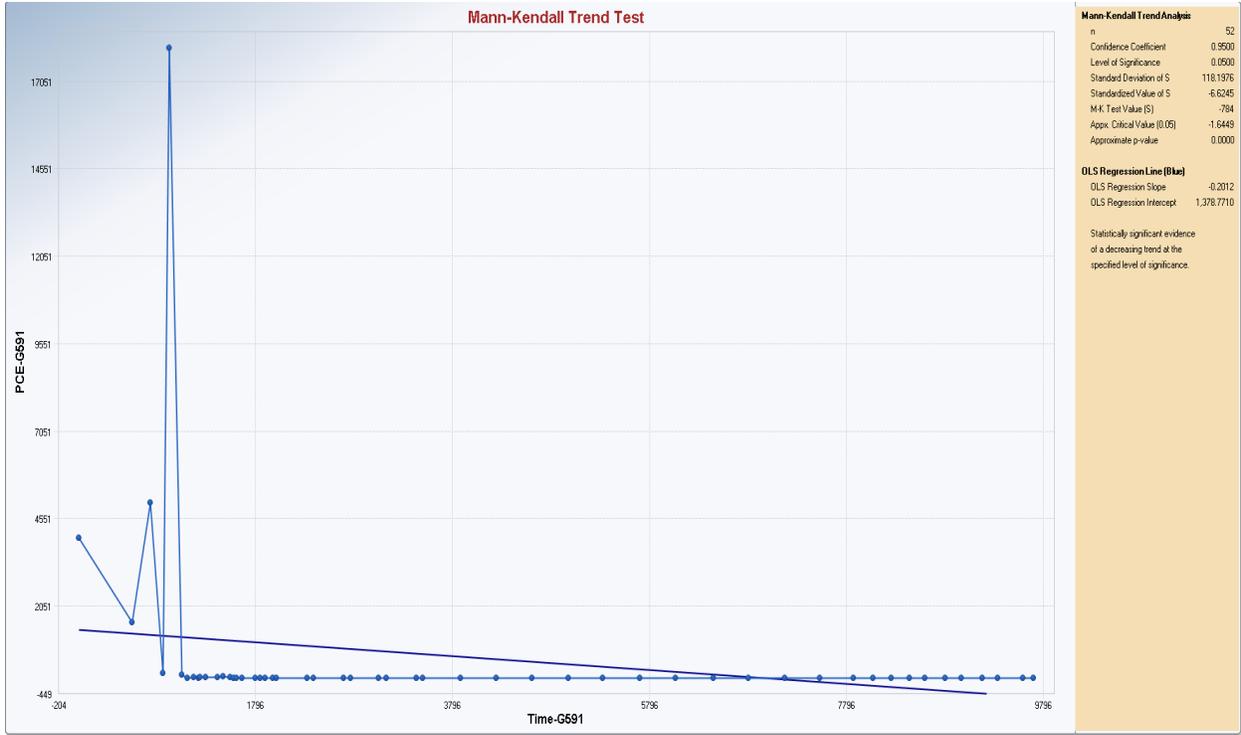


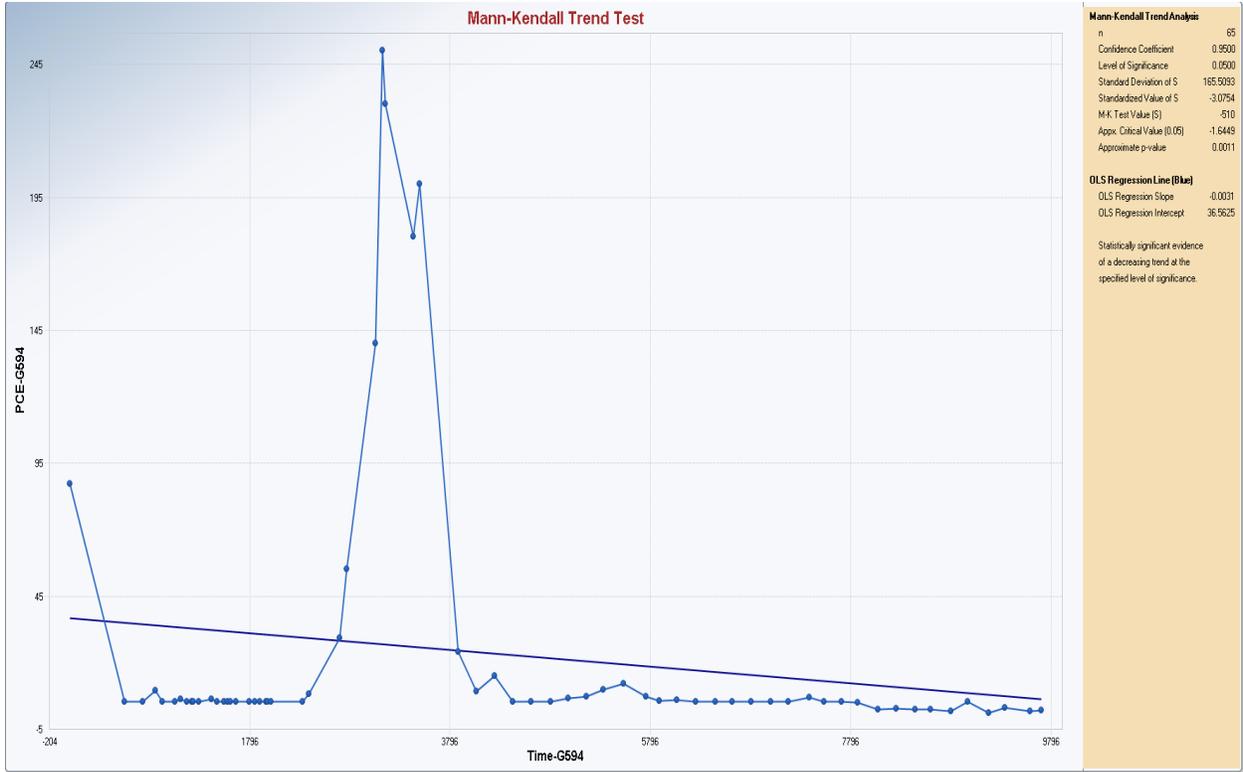


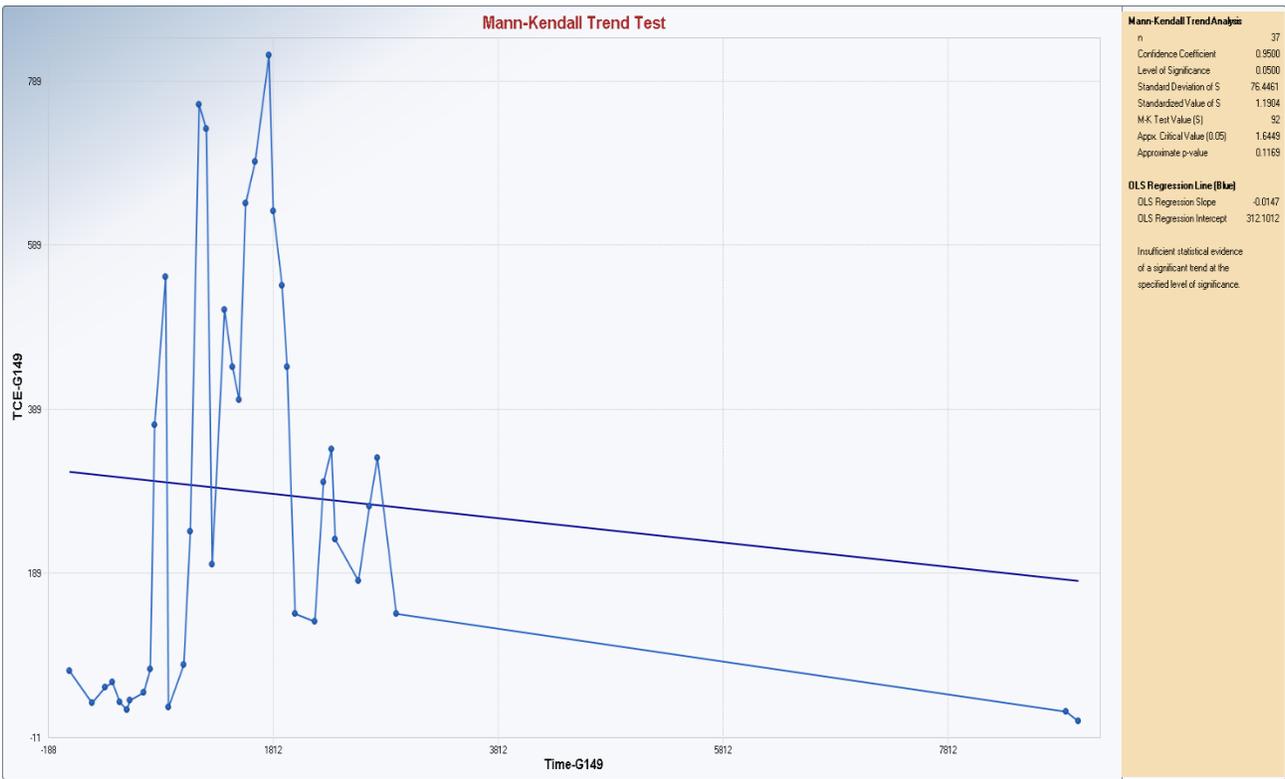


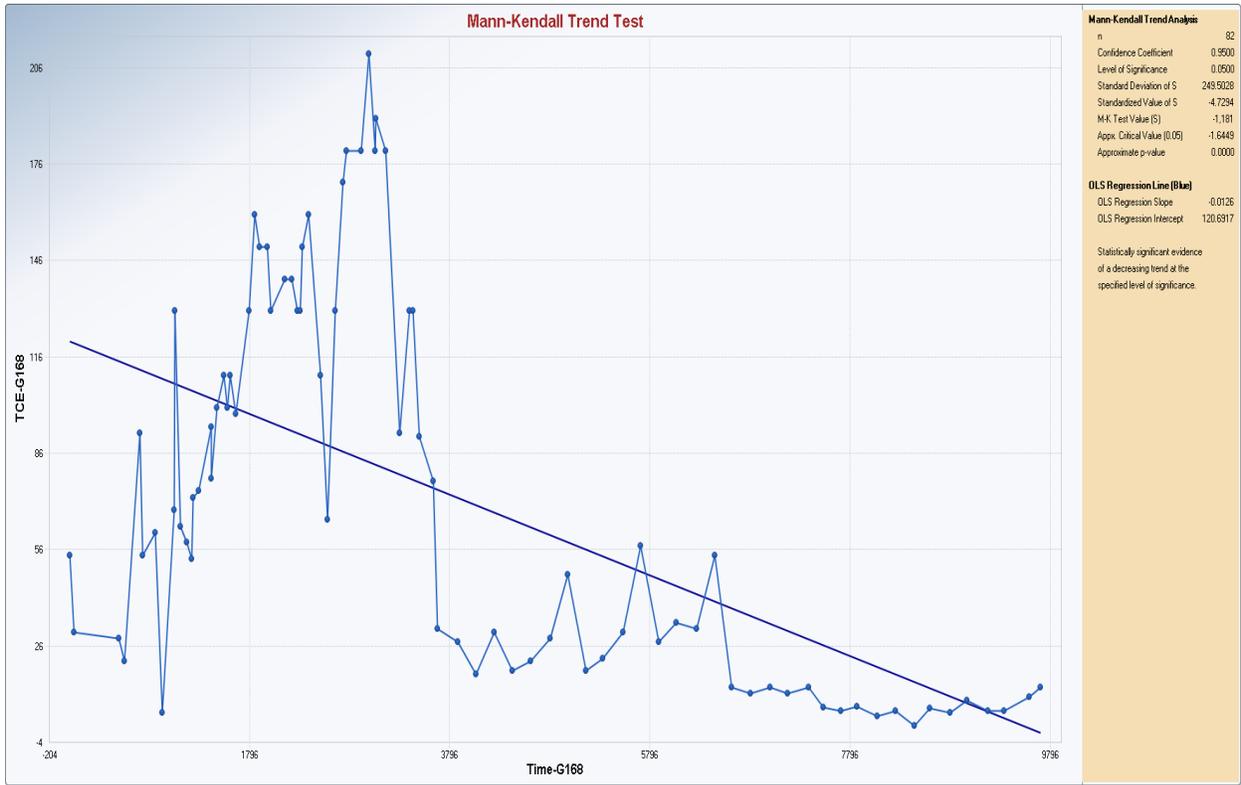


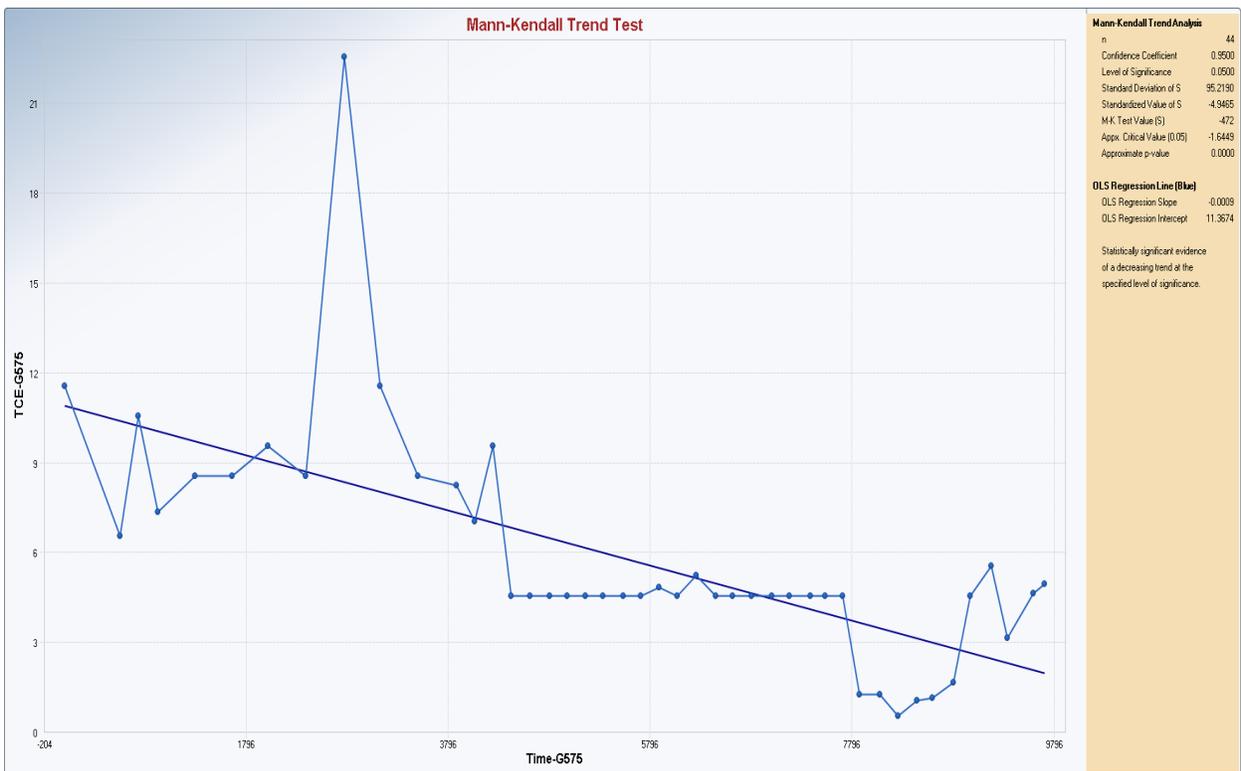
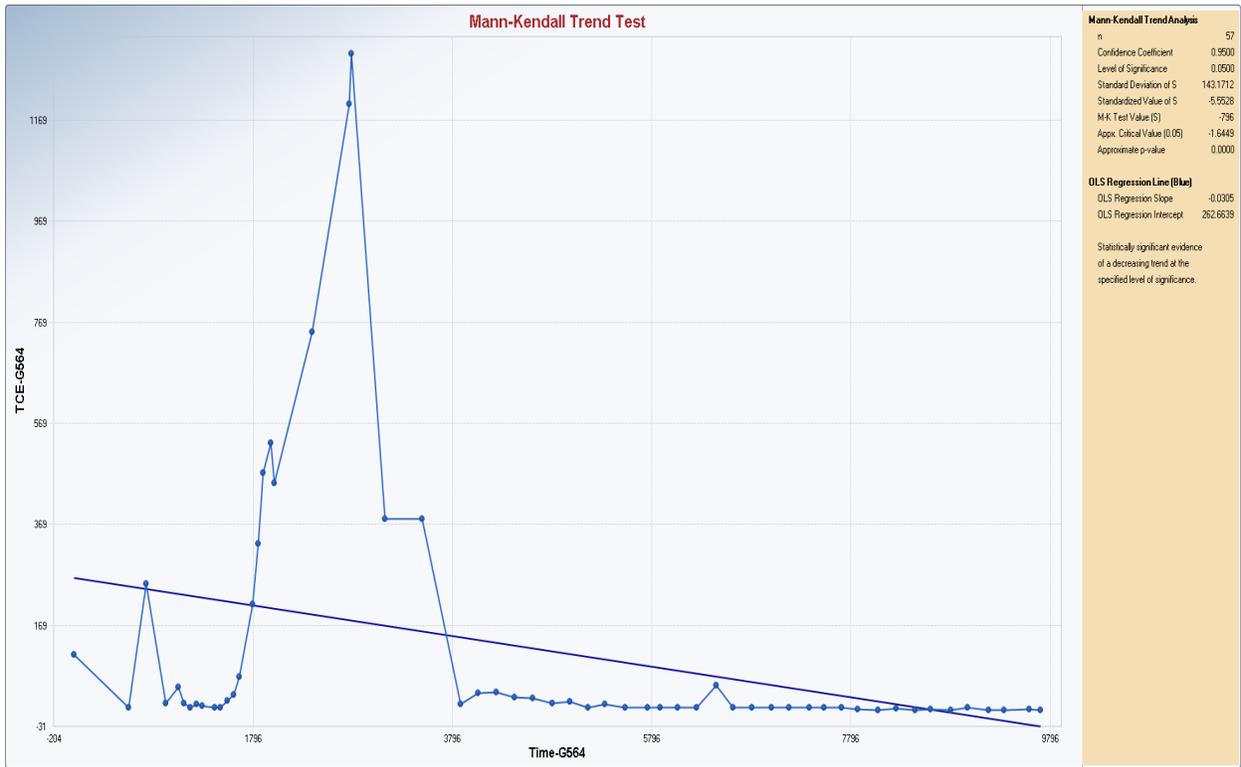


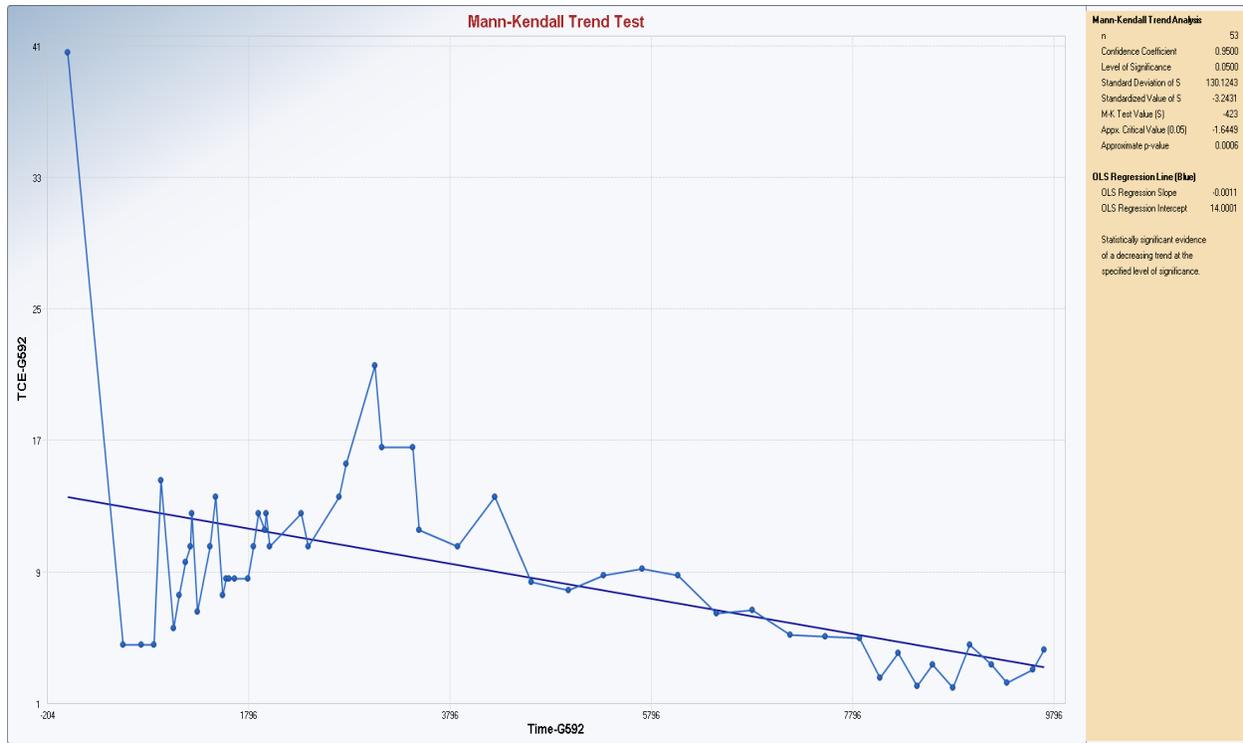
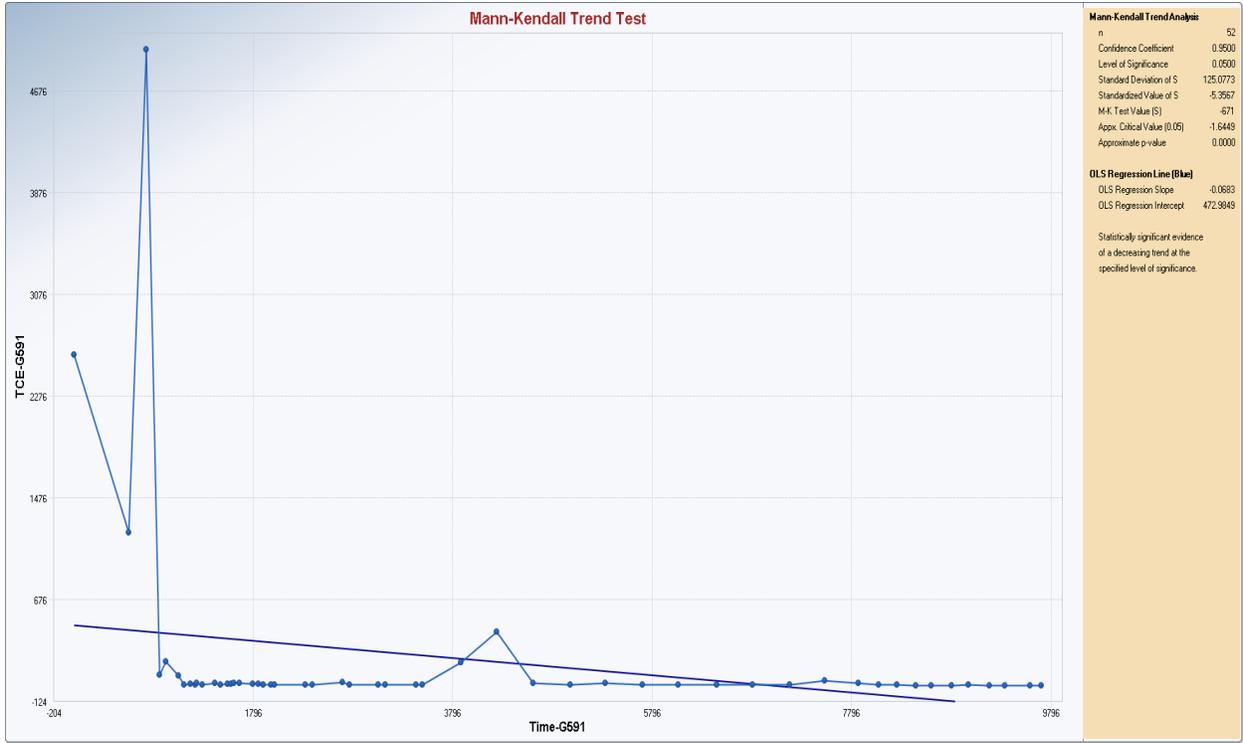


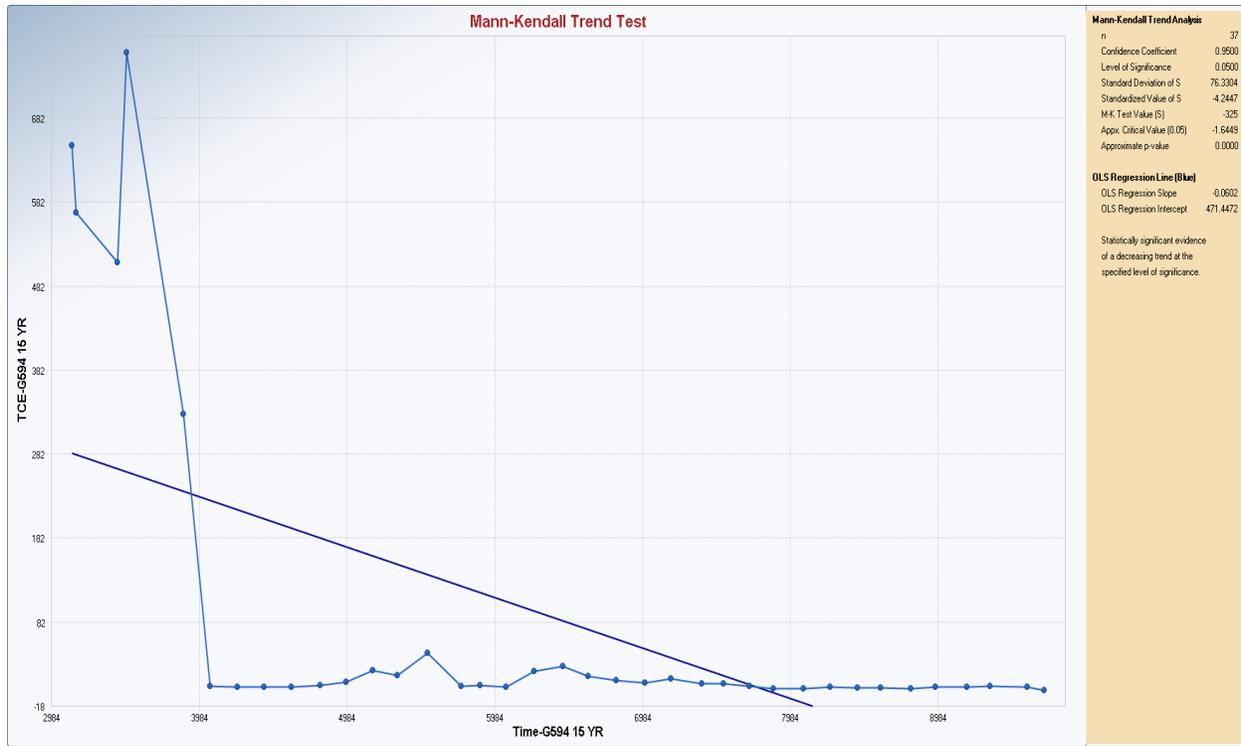
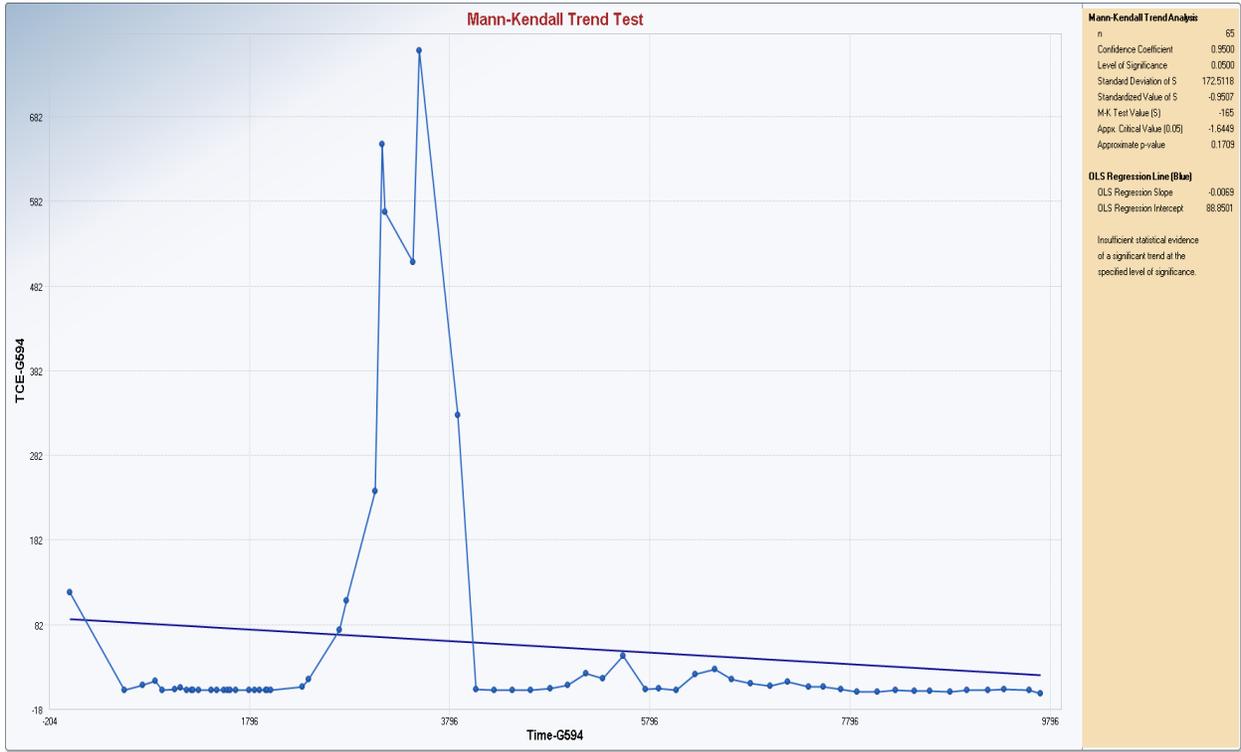


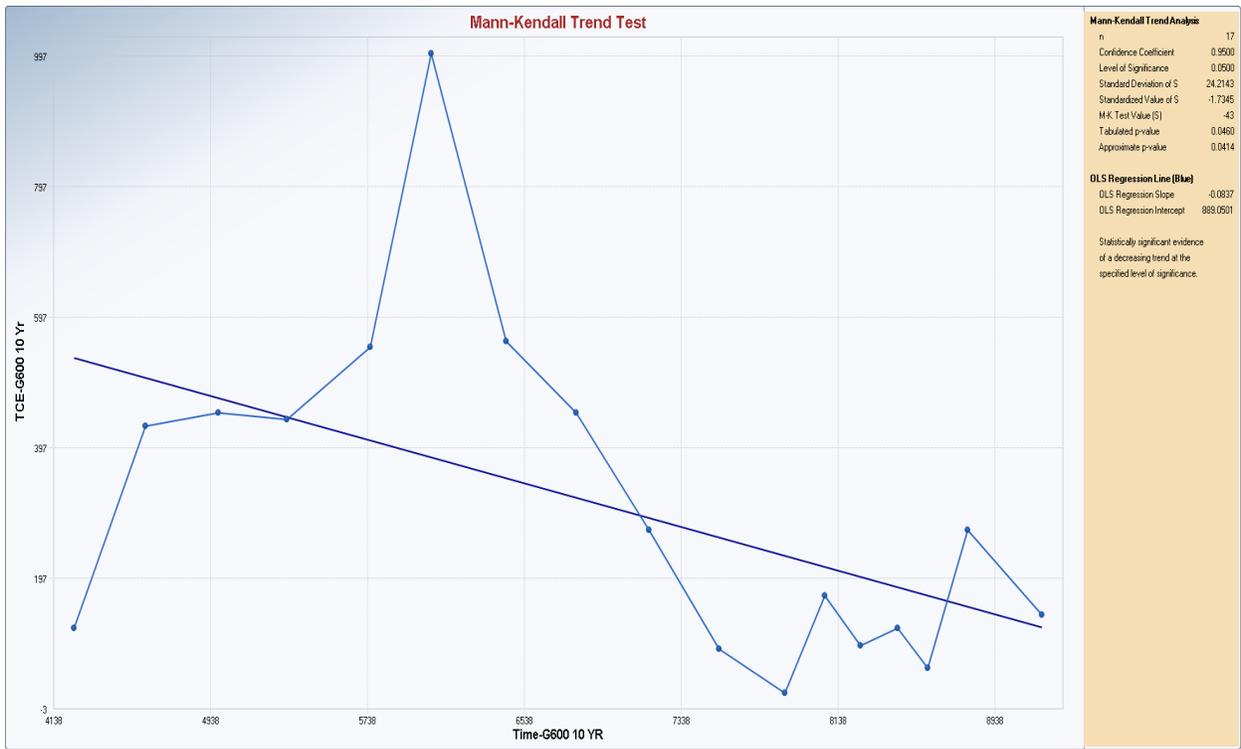


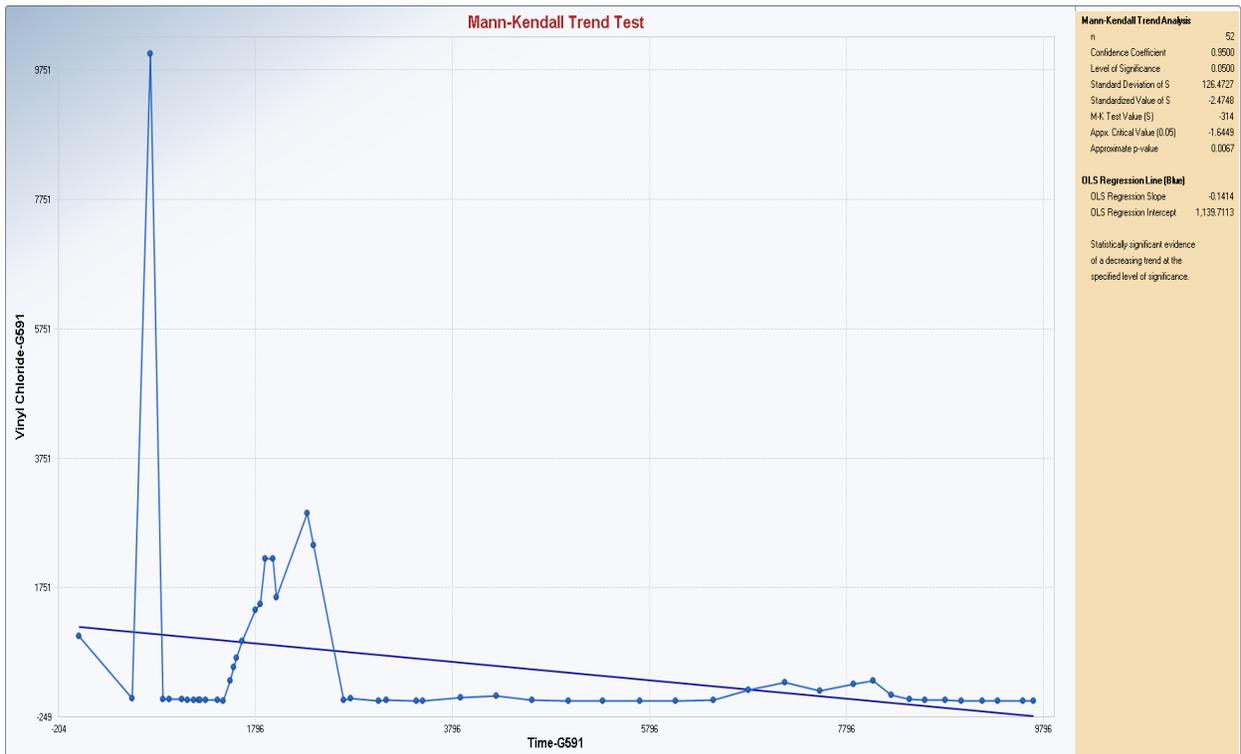
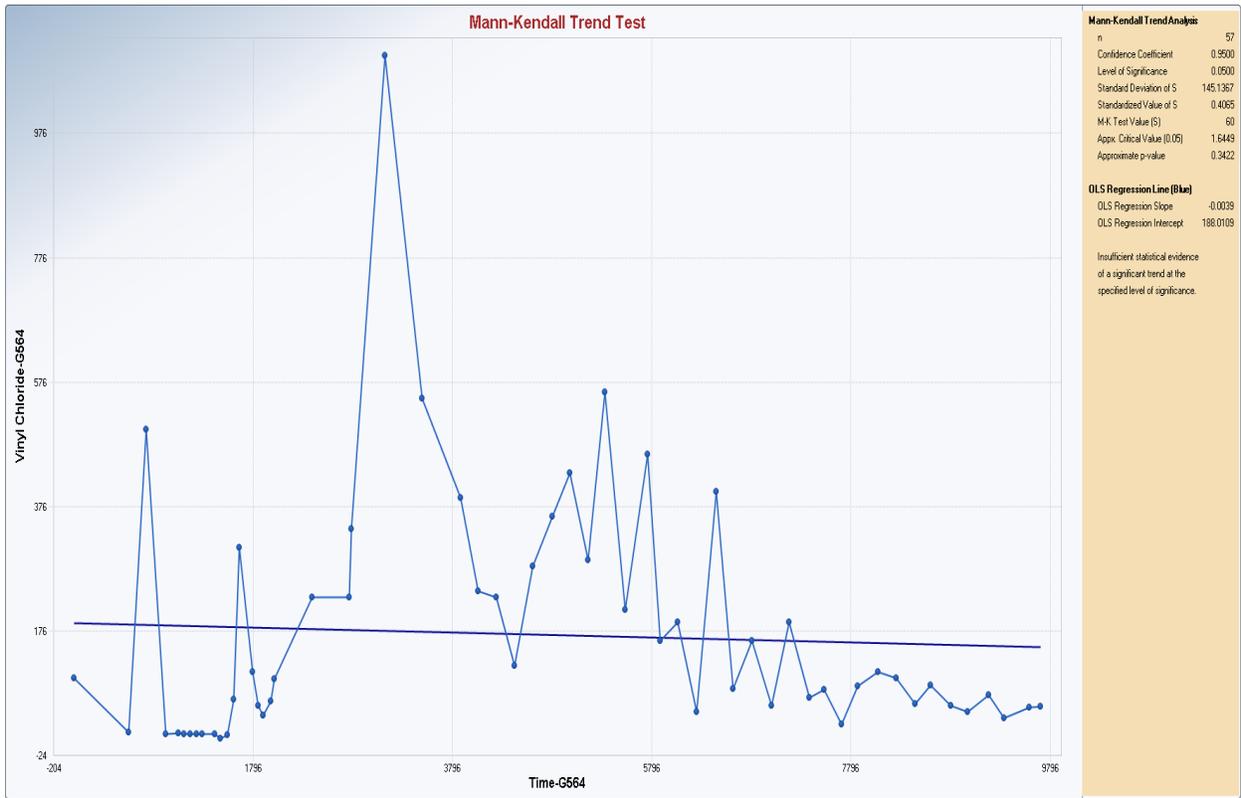


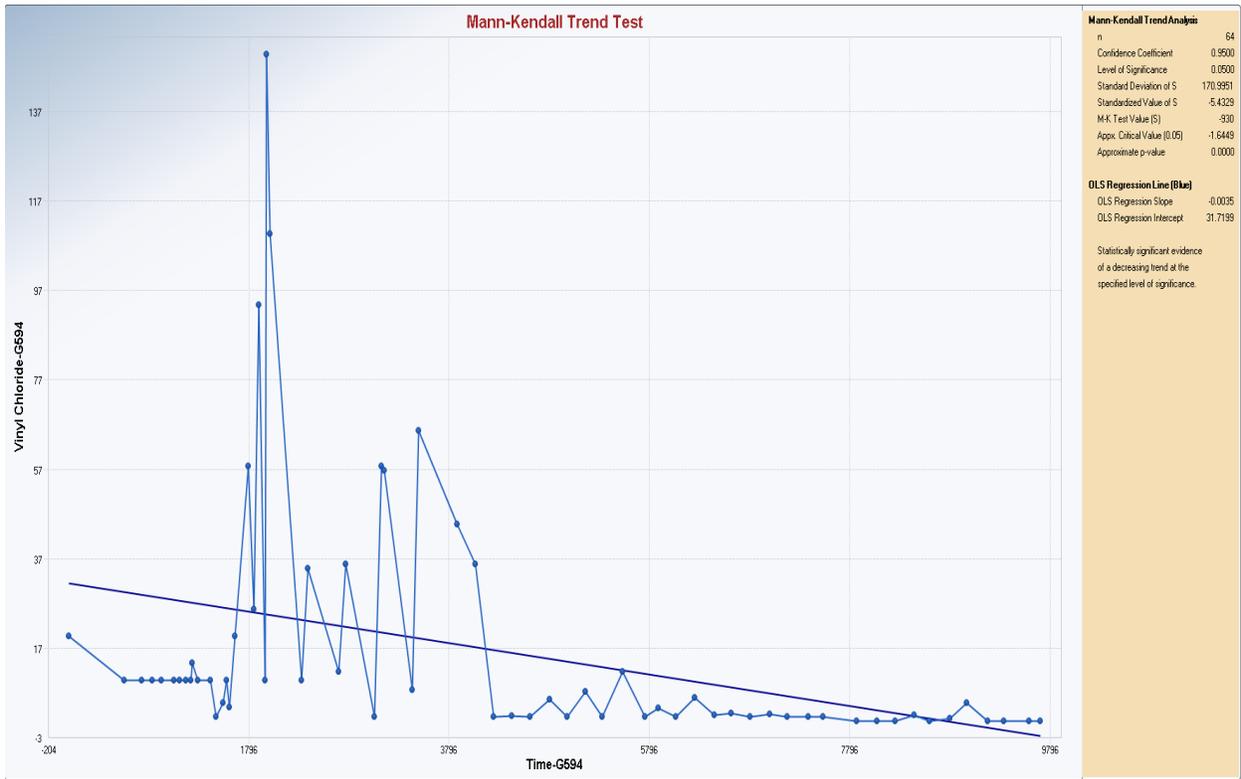












# **Long-term Stewardship Program 2025 Five-Year Report**

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US Ecology, Sheffield, IL

## **APPENDIX C**

### **Well Sampling Logs and Elevations**

February 13, 2026

## Post-Closure Semi-Annual Groundwater Sampling Log

Well #	To Water	To Bottom	Elevation to Water	pH/Temp	Spec Cond	Turbidity	Appearance	Odor	Sample Date	Time	Climate Cond.	Initials
G160	6.18	41.06	728.48	6.55/12.7	2960	13.01	Clear	NONE	6/11/2025	1034	90/ sunny	RSL/NGL
G162	5.19	29.30	714.37	6.29/11.5	2650	2.68	Clear	NONE	6/11/2025	1024	90/ sunny	RSL/NGL
G591	24.93	41.86	713.76	7.02/11.4	871	4.25	Clear	NONE	6/11/2025	1141	90/ sunny	RSL/NGL
G592	24.28	35.66	713.78	7.06/11.9	941	2.98	Clear	NONE	6/11/2025	1152	90/ sunny	RSL/NGL
G600	22.30	22.30	712.25	DRY	DRY	DRY	DRY	NONE	6/11/2025	DRY	90/ sunny	RSL/NGL
G165	10.50	44.66	729.27	7.16/11.2	792	2.89	Clear	NONE	6/11/2025	1003	90/ sunny	RSL/NGL
G166	13.32	71.41	726.83	9.52/12.4	877	1.62	Clear	NONE	6/11/2025	1013	90/ sunny	RSL/NGL
G168	34.90	50.30	731.51	6.44/12.1	1246	0.65	Clear	NONE	6/11/2025	0952	90/ sunny	RSL/NGL
G547	15.60	44.21	724.81	12.26/11.9	1200	0.67	Silty Brn.	NONE	6/11/2025	1045	90/ sunny	RSL/NGL
G564	24.28	45.93	716.73	6.90/12.1	2520	62.3	Silty Grey	NONE	6/11/2025	1108	90/ sunny	RSL/NGL
G575	31.56	46.52	716.16	6.51/12.3	1806	58.6	Silty Brn.	NONE	6/11/2025	1121	90/ sunny	RSL/NGL
G594	24.21	41.71	716.23	6.80/12.2	907	18.9	Clear	NONE	6/11/2025	1130	90/ sunny	RSL/NGL
G211	22.37	42.60	704.18	7.26/12.0	784	19.9	Silty Grey	NONE	6/11/2025	1205	90/ sunny	RSL/NGL
G570	5.81	17.00	719.40	6.68/12.5	720	30.1	Silty Grey	NONE	6/11/2025	1216	90/ sunny	RSL/NGL
S501	1.50	N/A	700.58	8.23/22.7	1605	1.67	Clear	NONE	6/11/2025	1337	90/ sunny	RSL/NGL
S502	N/A	N/A	N/A	8.20/22.4	1603	1.64	Clear	NONE	6/11/2025	1400	90/ sunny	RSL/NGL
G142	10.34	29.55	761.05	6.62/12.4	895	13.17	Clear	NONE	6/11/2025	0938	90/ sunny	RSL/NGL
G192	17.56	26.70	767.08	6.63/12.5	804	1.47	Clear	NONE	6/11/2025	0926	90/ sunny	RSL/NGL
G148	4.35	34.76	734.36	6.42/12.1	1823	57.1	Clear	NONE	6/11/2025	0835	90/ sunny	RSL/NGL
G149	8.00	30.63	738.93	15.41/12.3	1573	16.21	Clear	NONE	6/11/2025	0850	90/ sunny	RSL/NGL
G155	24.05	49.07	755.17	6.33/12.1	1808	3.01	Clear	NONE	6/11/2025	0902	90/ sunny	RSL/NGL
G156	27.15	46.13	758.53	6.82/12.0	842	2.23	Clear	NONE	6/11/2025	0913	90/ sunny	RSL/NGL

Signed:

*Doug Long*

## Spring 2025 Elevations

WELL #	ELEVATION TOP OF WELL	DEPTH TO BOTTOM OF WELL	ELEVATION OF WATER	WATER (ft BELOW LS)	ELEVATION BOTTOM OF WELL	DEPTH TO WATER	STICK UP
G-145	778.37	55.47	<b>732.54</b>	42.27	722.90	45.83	3.56
G-186	763.15	33.94	<b>750.35</b>	9.40	729.21	12.80	3.40
G-434	783.92	60.46	<b>746.61</b>	35.39	723.46	37.31	1.92
G-105	756.44	35.38	<b>737.60</b>	15.92	721.06	18.84	2.92
G-154	741.83	60.10	<b>731.19</b>	7.53	681.73	10.64	3.11
G-157	764.11	55.90	<b>731.44</b>	29.29	708.21	32.67	3.38
G-191	764.44	94.20	<b>728.16</b>	33.63	670.24	36.28	2.65
G-193	768.19	89.00	<b>744.13</b>	21.39	679.19	24.06	2.67
RIB-9	723.47	52.29	<b>710.97</b>	9.83	671.18	12.50	2.67
G-167	767.38	63.54	<b>731.04</b>	33.16	703.84	36.34	3.18
G212	713.25	44.09	<b>704.58</b>	5.59	669.16	8.67	3.08
G572	717.39	18.00	<b>703.34</b>	11.36	699.39	14.05	2.69
G573	711.92	21.03	<b>702.50</b>	7.10	690.89	9.42	2.32
G574	709.32	19.70	<b>702.82</b>	3.38	689.62	6.50	3.12
RIB-6	717.97	98.50	<b>703.97</b>	10.50	619.47	14.00	3.50
RIB11	718.06	53.21	<b>704.26</b>	10.59	664.85	13.80	3.21
G142	761.05	29.55	<b>750.71</b>	7.34	731.50	10.34	3.00
G-192	767.08	26.70	<b>749.52</b>	14.80	740.38	17.56	2.76
G148	734.36	34.76	<b>730.01</b>	2.81	699.60	4.35	1.54
G149	738.93	30.63	<b>730.93</b>	6.00	708.30	8.00	2.00
G155	755.17	49.07	<b>731.12</b>	21.15	706.10	24.05	2.90
G156	758.53	46.13	<b>731.38</b>	24.30	712.40	27.15	2.85

Spring 2025 Elevations

WELL #	ELEVATION TOP OF WELL	DEPTH TO BOTTOM OF WELL	ELEVATION OF WATER	WATER (ft BELOW LS)	ELEVATION BOTTOM OF WELL	DEPTH TO WATER	STICK UP
G-160	734.66	41.06	<b>728.48</b>	3.19	693.60	6.18	2.99
G162	719.56	29.30	<b>714.37</b>	2.20	690.26	5.19	2.99
G591	738.69	41.86	<b>713.76</b>	21.21	696.83	24.93	3.72
G592	738.06	35.66	<b>713.78</b>	21.66	702.40	24.28	2.62
G600	734.55	22.30	<b>712.25</b>	19.68	712.25	22.30	2.62
G-165	739.77	44.66	<b>729.27</b>	7.53	695.11	10.50	2.97
G-166	740.15	71.41	<b>726.83</b>	10.55	668.74	13.32	2.77
G-168	766.41	50.30	<b>731.51</b>	32.34	716.11	34.90	2.56
G547	740.41	44.21	<b>724.81</b>	12.99	696.20	15.60	2.61
G564	741.01	45.93	<b>716.73</b>	20.37	695.08	24.28	3.91
G575	747.72	46.52	<b>716.16</b>	28.91	701.20	31.56	2.65
G594	740.44	41.71	<b>716.23</b>	21.87	698.73	24.21	2.34
G211	726.55	42.60	<b>704.18</b>	19.97	686.51	22.37	2.40
G570	725.21	17.00	<b>719.40</b>	1.91	708.21	5.81	3.90
	Elevation Top of Marker	Elevation to Water	Depth To Water				
S501	702.08	700.58	1.50				

Well	Spring 2020 pH.	Fall 2020 pH.	Spring 2021 pH.	Fall 2021 pH.	Spring 2022 pH.	Fall 2022 pH.	Spring 2023 pH.	Fall 2023 pH.	Spring 2024 pH.	Fall 2024 pH.
G160	6.70	7.18	6.82	6.73	6.34	6.30	6.38	6.42	6.59	6.63
G162	6.67	6.87	6.81	6.50	6.38	6.22	6.87	6.35	6.33	6.38
G591	7.49	7.36	7.63	7.38	7.05	6.67	7.11	6.97	7.27	7.06
G592	6.98	7.20	7.35	7.29	6.81	6.77	6.83	6.77	6.82	7.17
G600	6.99	7.12	7.29	6.90	6.70	6.71	6.69	DRY	6.68	DRY
G165	7.54	7.79	7.61	7.24	7.14	6.98	7.23	7.22	6.97	6.90
G166	8.99	8.97	9.57	9.40	9.08	9.22	9.19	9.11	9.40	9.34
G168	6.74	7.00	7.02	6.90	6.84	6.54	6.62	6.61	6.46	6.57
G547	8.89	9.17	9.93	12.29	8.70	11.51	8.94	11.36	11.97	12.14
G564	7.49	7.54	7.53	7.24	6.90	6.83	7.09	6.74	6.90	7.06
G575	6.91	7.08	7.16	6.90	6.68	6.80	6.69	6.77	14.00	6.90
G594	7.21	7.31	7.52	7.18	6.90	6.85	6.73	6.68	6.70	6.79
G211	N/A	7.63	7.70	7.52	7.32	7.13	7.27	7.21	7.24	7.29
G570	N/A	7.19	7.04	6.90	6.60	6.51	6.57	6.70	6.55	6.79
S501	8.22	8.27	8.38	8.21	8.13	7.19	8.11	8.21	7.70	7.94
S502	N/A	8.13	8.43	8.18	8.14	7.71	7.61	8.16	8.82	7.84

Well	Spring 2025 pH.
G160	6.55
G162	6.29
G591	7.02
G592	7.06
G600	DRY
G165	7.16
G166	9.52
G168	6.44
G547	12.26
G564	6.90
G575	6.51
G594	6.80
G211	7.26
G570	6.68
S501	8.23
S502	8.20

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G142	6.62
G192	6.63
G148	6.42
G149	15.41
G155	6.33
G156	6.82

Well	Spring 2020 Spec. Cond	Fall 2020 Spec. Cond	Spring 2021 Spec. Cond	Fall 2021 Spec. Cond	Spring 2022 Spec. Cond	Fall 2022 Spec. Cond	Spring 2023 Spec. Cond	Fall 2023 Spec. Cond	Spring 2024 Spec. Cond	Fall 2024 Spec. Cond
G160	3140	2830	3110	3130	3920	2980	3020	2870	2980	3000
G162	3120	3180	2990	3140	2990	3040	2590	2980	2750	2820
G591	886	948	890	871	882	845	874	845	872	872
G592	989	970	976	923	958	976	940	963	959	952
G600	849	916	940	887	888	894	919	DRY	904	DRY
G165	946	928	921	1102	894	959	1061	893	939	981
G166	812	823	847	807	848	871	844	854	860	884
G168	1456	1404	1408	1317	1308	1320	1288	1321	1265	1266
G547	538	284	262	1229	467	575	436	514	1194	1299
G564	1078	1162	1703	1513	1726	1848	2030	1863	1976	1904
G575	967	955	929	909	939	931	954	902	990	871
G594	790	763	737	741	830	821	839	863	858	859
G211	N/A	712	722	684	730	733	738	731	718	710
G570	N/A	1630	1810	1687	1853	1843	1820	1590	1707	1674
S501	1841	1782	1728	1728	1736	1599	1680	1635	1604	1650
S502	N/A	1811	1740	1699	1726	1704	1685	1628	1562	1697

Well	Spring 2024 Spec. Cond
G160	2960
G162	2650
G591	871
G592	941
G600	DRY
G165	792
G166	877
G168	1246
G547	1200
G564	2520
G575	1806
G594	907
G211	784
G570	720
S501	1605
S502	1603

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G142	895
G192	804
G148	1823
G149	1573
G155	1808
G156	842

Well	Fall 2020 Trubidity	Spring 2021 Trubidity	Fall 2021 Trubidity	Spring 2022 Trubidity	Fall 2022 Trubidity	Spring 2023 Trubidity	Fall 2023 Trubidity	Spring 2024 Trubidity	Fall 2024 Trubidity
G160	138	5.18	4.43	114	7.49	70.7	2.12	9.82	4.56
G162	59.3	40.3	794	17.69	6.42	16.32	3.18	59.8	9.69
G591	89.9	20.4	95.9	32.8	49.5	31.6	72.9	14.05	56.6
G592	0.72	1.42	1.32	0.97	1.62	1.14	5.02	2.05	19.6
G600	66.5	202	154	77.3	381	17.41	DRY	14.89	DRY
G165	1.62	1.33	2.14	9.55	0.38	5.22	3.18	5.55	2.78
G166	13.23	5.35	1.18	0.71	0.64	1.95	3.94	1.09	3.35
G168	0.29	0.57	1.05	0.36	0.44	0.63	12.03	6.67	0.82
G547	16.11	580	543	11.42	7.42	26.6	855	57.8	60.6
G564	309	80.2	159	42.6	108	8.77	62.1	87.1	75.3
G575	43.8	63	82.7	47.2	55.2	90.9	56.3	78.5	99.5
G594	25.2	26.5	11.86	6.15	15.42	9.15	12.05	4.99	19.6
G211	31.6	17.6	13.86	12.01	29.2	13.35	35.7	18.07	19.7
G570	37.9	93.9	6.55	38.8	29.6	110	50.7	57.1	101
S501	8.45	3.20	2.62	5.25	3.39	3.14	2.47	3.68	3.91
S502	3.93	2.99	3.08	5.01	2.07	4.28	2.23	3.13	1.97

Well	Spring 2025 Trubidity
G160	13.01
G162	2.68
G591	4.25
G592	2.98
G600	DRY
G165	2.89
G166	1.62
G168	0.65
G547	0.67
G564	62.3
G575	58.6
G594	18.9
G211	19.9
G570	30.1
S501	1.67
S502	1.64

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G142	13.17
G192	1.47
G148	57.1
G149	16.21
G155	3.01
G156	2.23

Groundwater Elevations - Fall 2025

WELL #	ELEVATION TOP OF WELL	DEPTH TO BOTTOM OF WELL	ELEVATION OF WATER	WATER (ft BELOW LS)	ELEVATION BOTTOM OF WELL	DEPTH TO WATER	STICK UP
G-160	734.66	41.06	<b>725.05</b>	6.62	693.60	9.61	2.99
G162	719.56	29.30	<b>711.40</b>	5.17	690.26	8.16	2.99
G591	738.69	41.86	<b>712.58</b>	22.39	696.83	26.11	3.72
G592	738.06	35.66	<b>732.56</b>	2.88	702.40	5.50	2.62
G600	734.55	22.30	<b>#VALUE!</b>	<b>#VALUE!</b>	712.25	DRY	2.62
G-165	739.77	44.66	<b>728.05</b>	8.75	695.11	11.72	2.97
G-166	740.15	71.41	<b>725.64</b>	11.74	668.74	14.51	2.77
G-168	766.41	50.30	<b>730.34</b>	33.51	716.11	36.07	2.56
G547	740.41	44.21	<b>723.31</b>	14.49	696.20	17.10	2.61
G564	741.01	45.93	<b>715.51</b>	21.59	695.08	25.50	3.91
G575	747.72	46.52	<b>715.63</b>	29.44	701.20	32.09	2.65
G594	740.44	41.71	<b>715.03</b>	23.07	698.73	25.41	2.34
G211	726.55	42.60	<b>702.87</b>	21.28	686.51	23.68	2.40
G570	725.21	17.00	<b>717.67</b>	3.64	708.21	7.54	3.90
	Elevation Top of Marker	Elevation to Water	Depth To Water				
S501	702.08	702.07	0.01				

WELL #	ELEVATION TOP OF WELL	DEPTH TO BOTTOM OF WELL	ELEVATION OF WATER	WATER (ft BELOW LS)	ELEVATION BOTTOM OF WELL	DEPTH TO WATER	STICK UP
G-145	778.37	55.47	<b>731.61</b>	43.20	722.90	46.76	3.56
G-186	763.15	33.94	<b>748.35</b>	11.40	729.21	14.80	3.40
G-434	783.92	60.46	<b>744.71</b>	37.29	723.46	39.21	1.92
G-105	756.44	35.38	<b>736.43</b>	17.09	721.06	20.01	2.92
G-154	741.83	60.10	<b>729.88</b>	8.84	681.73	11.95	3.11
G-157	764.11	55.90	<b>730.12</b>	30.61	708.21	33.99	3.38
G-191	764.44	94.20	<b>725.48</b>	36.31	670.24	38.96	2.65
G-193	768.19	89.00	<b>741.39</b>	24.13	679.19	26.80	2.67
RIB-9	723.47	52.29	<b>710.23</b>	10.57	671.18	13.24	2.67
G-167	767.38	63.54	<b>728.39</b>	35.81	703.84	38.99	3.18
G212	713.25	44.09	<b>703.10</b>	7.07	669.16	10.15	3.08
G572	717.39	18.00	<b>700.38</b>	14.32	699.39	17.01	2.69
G573	711.92	21.03	<b>700.67</b>	8.93	690.89	11.25	2.32
G574	709.32	19.70	<b>701.32</b>	4.88	689.62	8.00	3.12
RIB-6	717.97	98.50	<b>702.32</b>	12.15	619.47	15.65	3.50
RIB11	718.06	53.21	<b>702.66</b>	12.19	664.85	15.40	3.21
G142	761.05	29.55	<b>747.91</b>	10.14	731.50	13.14	3.00
G-192	767.08	26.70	<b>747.04</b>	17.28	740.38	20.04	2.76
G148	734.36	34.76	<b>728.44</b>	4.38	699.60	5.92	1.54
G149	738.93	30.63	<b>729.55</b>	7.38	708.30	9.38	2.00
G155	755.17	49.07	<b>729.72</b>	22.55	706.10	25.45	2.90
G156	758.53	46.13	<b>729.92</b>	25.76	712.40	28.61	2.85

## Post-Closure Semi-Annual Groundwater Sampling Log

## Semi-Annual GW Sampling Logs - Fall 2025

Well #	To Water	To Bottom	Elevation to Water	pH/Temp	Spec Cond	Turbidity	Appearance	Odor	Sample Date	Time	Climate Cond.	Initials
G160	9.61	41.06	725.05	6.59/12.1	2950	6.36	Clear	NONE	9/30/2025	1038	Clear/Hot	RSL/NGL
G162	8.16	29.30	711.40	6.29/12.0	2680	1.64	Clear	NONE	9/30/2025	1030	Clear/Hot	RSL/NGL
G591	26.11	41.86	712.58	7.05/11.9	900	5.02	Clear	NONE	9/30/2025	1325	Clear/Hot	RSL/NGL
G592	25.50	35.66	732.56	7.08/13.2	877	19.7	Silty Grey	NONE	9/30/2025	1335	Clear/Hot	RSL/NGL
G600	Dry	22.30	Dry	Dry	Dry	Dry	Dry	Dry	9/30/2025	Dry	Dry	RSL/NGL
G165	11.72	44.66	728.05	6.90/11.9	912	1.92	Clear	NONE	9/30/2025	1010	Clear/Hot	RSL/NGL
G166	14.51	71.41	725.64	9.52/11.9	901	2.99	Clear	NONE	9/30/2025	1020	Clear/Hot	RSL/NGL
G168	36.07	50.30	730.34	6.45/11.9	1246	0.039	Clear	NONE	9/30/2025	1001	Clear/Hot	RSL/NGL
G547	17.10	44.21	723.31	12.16/12.4	1260	1.09	Silty Grey	NONE	9/30/2025	1130	Clear/Hot	RSL/NGL
G564	25.50	45.93	715.51	6.90/10.9	1848	65.7	Silty Grey	NONE	9/30/2025	1255	Clear/Hot	RSL/NGL
G575	32.90	46.52	715.63	6.52/12.2	904	40.8	Silty Grey	NONE	9/30/2025	1305	Clear/Hot	RSL/NGL
G594	25.41	41.71	715.03	6.51/12.3	723	5.71	Clear	NONE	9/30/2025	1313	Clear/Hot	RSL/NGL
G211	23.68	42.60	702.87	7.18/11.9	711	27.2	Clear	NONE	9/30/2025	1350	Clear/Hot	RSL/NGL
G570	7.54	17.00	717.67	6.22/11.8	1353	84	Clear	NONE	9/30/2025	1400	Clear/Hot	RSL/NGL
S501	0.01	N/A	702.07	8.05/22.3	1599	2.13	Clear	NONE	9/30/2025	1420	Clear/Hot	RSL/NGL
S502	XXXX	N/A	XXX	8.00/23.1	1602	1.19	Clear	NONE	9/30/2025	1440	Clear/Hot	RSL/NGL
G142	13.14	29.55	747.92	6.70/12.0	928	68	Silty Grey	NONE	9/30/2025	0950	Clear/Hot	RSL/NGL
G192	20.04	26.70	747.04	6.61/12.0	870	0.85	Clear	NONE	9/30/2025	0939	Clear/Hot	RSL/NGL
G148	5.92	34.76	728.44	6.37/11.8	2003	67.8	Silty Grey	NONE	9/30/2025	1120	Clear/Hot	RSL/NGL
G149	9.38	30.63	729.55	6.56/12.2	1376	2.05	Clear	NONE	9/30/2025	1110	Clear/Hot	RSL/NGL
G155	25.45	49.07	729.72	6.46/12.1	1907	9.45	Clear	NONE	9/30/2025	1100	Clear/Hot	RSL/NGL
G156	28.61	46.13	7239.92	6.97/12.1	690	3.8	Clear	NONE	9/30/2025	1048	Clear/Hot	RSL/NGL

Signed:

*Doug Long*

Well	Spring 2020 pH.	Fall 2020 pH.	Spring 2021 pH.	Fall 2021 pH.	Spring 2022 pH.	Fall 2022 pH.	Spring 2023 pH.	Fall 2023 pH.	Spring 2024 pH.	Fall 2024 pH.	Spring 2025 pH.	Fall 2025 pH.
G160	6.70	7.18	6.82	6.73	6.34	6.30	6.38	6.42	6.59	6.63	6.55	6.59
G162	6.67	6.87	6.81	6.50	6.38	6.22	6.87	6.35	6.33	6.38	6.29	6.29
G591	7.49	7.36	7.63	7.38	7.05	6.67	7.11	6.97	7.27	7.06	7.02	7.05
G592	6.98	7.20	7.35	7.29	6.81	6.77	6.83	6.77	6.82	7.17	7.06	7.08
G600	6.99	7.12	7.29	6.90	6.70	6.71	6.69	DRY	6.68	DRY	DRY	DRY
G165	7.54	7.79	7.61	7.24	7.14	6.98	7.23	7.22	6.97	7.16	7.16	6.90
G166	8.99	8.97	9.57	9.40	9.08	9.22	9.19	9.11	9.40	9.52	9.40	9.52
G168	6.74	7.00	7.02	6.90	6.84	6.54	6.62	6.61	6.46	6.44	6.46	6.45
G547	8.89	9.17	9.93	12.29	8.70	11.51	8.94	11.36	11.97	12.26	11.97	12.16
G564	7.49	7.54	7.53	7.24	6.90	6.83	7.09	6.74	6.90	6.90	6.90	6.90
G575	6.91	7.08	7.16	6.90	6.68	6.80	6.69	6.77	14.00	6.51	14.00	6.52
G594	7.21	7.31	7.52	7.18	6.90	6.85	6.73	6.68	6.70	6.80	6.70	6.51
G211	N/A	7.63	7.70	7.52	7.32	7.13	7.27	7.21	7.24	7.26	7.24	7.18
G570	N/A	7.19	7.04	6.90	6.60	6.51	6.57	6.70	6.55	6.68	6.55	6.22
S501	8.22	8.27	8.38	8.21	8.13	7.19	8.11	8.21	7.70	8.23	7.70	8.05
S502	N/A	8.13	8.43	8.18	8.14	7.71	7.61	8.16	8.82	8.20	8.82	8.00

Well	Spring 2020 Spec. Cond	Fall 2020 Spec.C ond	Spring 2021 Spec. Cond	Fall 2021 Spec.C ond	Spring 2022 Spec. Cond	Fall 2022 Spec. Cond	Spring 2023 Spec. Cond	Fall 2023 Spec. Cond	Spring 2024 Spec. Cond	Fall 2024 Spec.C ond	Spring 2025 Spec. Cond	Fall 2025 Spec. Cond
G160	3140	2830	3110	3130	3920	2980	3020	2870	2980	3000	2960	2950
G162	3120	3180	2990	3140	2990	3040	2590	2980	2750	2820	2650	2680
G591	886	948	890	871	882	845	874	845	872	872	871	900
G592	989	970	976	923	958	976	940	963	959	952	941	877
G600	849	916	940	887	888	894	919	DRY	904	DRY	DRY	DRY
G165	946	928	921	1102	894	959	1061	893	939	981	792	91
G166	812	823	847	807	848	871	844	854	860	884	877	901
G168	1456	1404	1408	1317	1308	1320	1288	1321	1265	1266	1246	1246
G547	538	284	262	1229	467	575	436	514	1194	1299	1200	1260
G564	1078	1162	1703	1513	1726	1848	2030	1863	1976	1904	2520	1848
G575	967	955	929	909	939	931	954	902	990	871	1806	904
G594	790	763	737	741	830	821	839	863	858	859	907	723
G211	N/A	712	722	684	730	733	738	731	718	710	784	711
G570	N/A	1630	1810	1687	1853	1843	1820	1590	1707	1674	720	1353
S501	1841	1782	1728	1728	1736	1599	1680	1635	1604	1650	1605	1599
S502	N/A	1811	1740	1699	1726	1704	1685	1628	1562	1697	1603	1602

Well	Fall 2020 Trubidity	Spring 2021 Trubidity	Fall 2021 Trubidity	Spring 2022 Trubidity	Fall 2022 Trubidity	Spring 2023 Trubidity	Fall 2023 Trubidity	Spring 2024 Trubidity	Fall 2024 Trubidity	Spring 2025 Trubidity	Fall 2025 Trubidity
G160	138	5.18	4.43	114	7.49	70.7	2.12	9.82	4.56	1301	6.36
G162	59.3	40.3	794	17.69	6.42	16.32	3.18	59.8	9.69	2.68	1,64
G591	89.9	20.4	95.9	32.8	49.5	31.6	72.9	14.05	56.6	4.25	5.02
G592	0.72	1.42	1.32	0.97	1.62	1.14	5.02	2.05	19.6	2.98	19.7
G600	66.5	202	154	77.3	381	17.41	DRY	14.89	DRY	DRY	DRY
G165	1.62	1.33	2.14	9.55	0.38	5.22	3.18	5.55	2.78	2.89	1.92
G166	13.23	5.35	1.18	0.71	0.64	1.95	3.94	1.09	3.35	1.62	2.99
G168	0.29	0.57	1.05	0.36	0.44	0.63	12.03	6.67	0.82	0.65	0.39
G547	16.11	580	543	11.42	7.42	26.6	855	57.8	60.6	0.67	1.09
G564	309	80.2	159	42.6	108	8.77	62.1	87.1	75.3	62.3	65.7
G575	43.8	63	82.7	47.2	55.2	90.9	56.3	78.5	99.5	58.6	40.8
G594	25.2	26.5	11.86	6.15	15.42	9.15	12.05	4.99	19.6	18.9	5.71
G211	31.6	17.6	13.86	12.01	29.2	13.35	35.7	18.07	19.7	19.9	27.2
G570	37.9	93.9	6.55	38.8	29.6	110	50.7	57.1	101	30.1	84
S501	8.45	3.20	2.62	5.25	3.39	3.14	2.47	3.68	3.91	1.67	2.13
S502	3.93	2.99	3.08	5.01	2.07	4.28	2.23	3.13	1.97	1.64	1.19

Well	Spring 2025 pH.	Fall 2025 pH.	Spring 2025 Spec. Cond	Fall 2025 Spec. Cond	Spring 2025 Trubidity	Fall 2025 Trubidity
G142	6.62	6.70	895	928	13.17	68
G192	6.63	6.61	804	870	1.47	0.85
G148	6.42	6.37	1823	2003	57.1	67.8
G149	15.41	6.56	1573	1376	16.21	2.05
G155	6.33	6.46	1808	1907	3.01	9.45
G156	6.82	6.97	842	690	2.23	3.8

# **Long-term Stewardship Program 2025 Five-Year Report**

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US Ecology, Sheffield, IL

## **APPENDIX D**

### **Routine Inspection and Maintenance Report, Leachate Management**

February 13, 2026

# **Long-term Stewardship Program 2025 Five-Year Report**

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US Ecology, Sheffield, IL

## **APPENDIX D.1**

### **2025 Routine Inspection and Maintenance Report**

February 13, 2026

# 2025 Routine Inspection & Maintenance USEI

## Routine Inspection and maintenance

- Facility inspections conducted include inspecting the physical integrity and condition of the boundary fence, stormwater drainage ditches, groundwater monitoring wells, leachate sumps and the sites cover and slopes. Exception reports identify any deficiencies, including sinkholes, erosion, evidence of burrowing animals, and areas needing revegetation.
- During the growing season, the facility cover is mowed on average twice per year. Monitoring wells and leachate sumps are also cleaned using a “weed trimmer.”
- Leachate collection is conducted between August and October each year. All leachate and hazardous waste solids are shipped off site for disposal.

## Weather and Vegetation:

- Total Rainfall during 2025 totaled 28.30 inches.
- All vegetation on the landfill cover is in good condition.

## Landfill cover and runoff:

- All landfill cover, slopes and runoff are in great condition.
- Ditches and stormwater drainage ditches are clear and properly sloped and prepared to handle runoff.

## Chem Site Mowing:

- Twice in 2025

## Chem Site Trimming:

- Twice in 2025

Waste managed/Media Remediated for 2025:

- From August 2025 through October 2025, 836 gallons leachate collected and shipped off site for disposal.
- 85 gallons of groundwater well purge water from the 2025 Spring and Fall LSTP sampling was collected and shipped off site for disposal.
- 34.09 kilograms of hazardous waste solids from 2025 leachate collection operations was collected and shipped off site for disposal.

Monitoring wells and fence lines:

- Routine facility inspections noted that the chem site boundary fence is in good condition. (See note below)
- All monitoring wells located on the chem site are in excellent shape and locked with security seals.

Repairs or preventive maintenance completed on the chem site for 2025:

- No repairs needed this year.

# **Long-term Stewardship Program 2025 Five-Year Report**

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US Ecology, Sheffield, IL

## **APPENDIX D.2**

### **Leachate Collection Volume**

February 13, 2026

# Leachate Totals

US Ecology Sheffield, Illinois Facility

Year	Amount of Leachate Pumped Gallons	Total Rainfall (inches) for the Year
1982	15,371	
1983	10,643	
1984	9,842	
1985	3,747	
1986	3,192	
1987	<b>1,137</b>	<b>Sump pumping was stopped early because of the RIFS and groundwater well installation</b>
1988	<b>1,541</b>	
1989	<b>2,180</b>	
1990	<b>2,304</b>	
1991	2,600	
1992	4,835	
1993	3,245	
1994	3,800	
1995	2,390	32.14
1996	2,133	30.62
1997	1,268	31.93
1998	1,123	45.73
1999	1,793	43.47
2000	1,980	37.10
2001	2,595	36.70
2002	1,715	35.97
2003	980	35.24
2004	1,080	34.44
2005	900	19.84
2006	990	37.11
2007	1,180	36.75
2008	1,550	49.20
2009	3,920	53.25
2010	2,580	34.25
2011	1,520	42.40
2012	1,280	28.97
2013	1,050	44.64
2014	1,000	43.47
2015	1,750	38.68
2016	3,223	39.87
2017	2,615	42.33
2018	3,611	49.15
2019	3686	41.92
2020	3528	36.89
2021	3591	44.06

## Leachate Totals

US Ecology Sheffield, Illinois Facility

2022	3271	39.80
2023	1992	38.25
2024	1334	38.70
2025	834	28.30
Total	126,899	

# **Long-term Stewardship Program 2025 Five-Year Report**

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US Ecology, Sheffield, IL

## **APPENDIX D.3**

### **Leachate Disposal Manifest**

February 13, 2026

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>ILD 04-506-3450</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>309-854-1096</b>	4. Manifest Tracking Number <b>007910541 FLE</b>		
5. Generator's Name and Mailing Address <b>US Ecology Illinois, Inc. PO Box 206, Sheffield, IL 61361</b>				Generator's Site Address (if different than mailing address) <b>13279-350 E Street Sheffield, IL 61361</b>			
Generator's Phone: <b>815-454-2342</b>							
6. Transporter 1 Company Name <b>US Ecology Transportation Solutions, Inc / (743)</b>				U.S. EPA ID Number <b>MIK 593743838</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Veolia Hwy. 73, 3.5 miles W. of Taylor Bayou Port Author, TX 77640</b>				U.S. EPA ID Number <b>TX D 008 38896</b>			
Facility's Phone: <b>(409) 736-2821</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
<b>R/</b>	<b>1. NA 3082 Hazardous Waste Liquid</b>	<b>4</b>	<b>TP</b>	<b>921</b>	<b>G</b>	<b>F039</b>	
<b>A</b>	<b>N.D.S. (Leachate) 9 PGIII (F039)</b>					<b>outs 3198</b>	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>1. 479275</b> <span style="float: right;"><b>Out of Service Date: 10-06-2025</b></span>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name <b>Doug Long</b>				Signature <i>Doug Long</i>		Month Day Year <b>10   08   2025</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Adam Rogalny</b>				Signature <i>Adam Rogalny</i>		Month Day Year <b>10   08   2025</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>ILD 04-506-3450</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>309-854-1096</b>	4. Manifest Tracking Number <b>007910540 FLE</b>	
5. Generator's Name and Mailing Address <b>US Ecology Illinois, Inc. PO Box 206, Sheffield, IL 61361</b>			Generator's Site Address (if different than mailing address) <b>13279-350 E Street Sheffield, IL 61361</b>			
Generator's Phone: <b>815-454-2342</b>						
6. Transporter 1 Company Name <b>US Ecology Transportation Solutions, Inc. / (743)</b>			U.S. EPA ID Number <b>MIK 593743838</b>			
7. Transporter 2 Company Name <b>S.E.T Environmental, Inc.</b>			U.S. EPA ID Number <b>ILD 981957236</b>			
8. Designated Facility Name and Site Address <b>US Ecology Texas 3277 County Road 69, Robstown, TX 78380</b>			U.S. EPA ID Number <b>Tx 0069452340</b>			
Facility's Phone: <b>(361) 387-3518</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
X	1. <b>NA 3077 Hazardous Waste Solid N.O.S. (PCB) 9 PGIII (F039)</b>	<b>1</b>	<b>DM</b>	<b>34.09</b>	<b>K</b>	<b>F039 OUTS 002H</b>
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>1. 09 007 0093-0</b> <span style="float:right"><b>Out of Service Date:</b></span> <b>2. OUTS 002H</b> <span style="float:right"><b>10-06-2025</b></span>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name <b>Doug Long</b>			Signature <i>Doug Long</i>		Month Day Year <b>10 08 2025</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name			Signature		Month Day Year	
<b>Adam Rogalny</b>			<i>Adam Rogalny</i>		<b>10 08 2025</b>	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. _____ 2. _____ 3. _____ 4. _____						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name			Signature		Month Day Year	