2024 Annual Report
Dinaburg Distributing, Inc. Site
Rochester, New York
NYSDEC Site Number 828103

Prepared for

New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12207

NEW YORK STATE | Department of Environmental Conservation

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LIST OF ABBREVIATIONS AND ACRONYMS

µg/L	Micrograms per liter
mg/L	Milligrams per liter
AWQS	Ambient water quality standard
bgs	Below ground surface
bTOIC	Below the top of the inner casing
DCE	Dichloroethylene
DIR	Daily Inspection Report
EA	EA Engineering and Geology, P.C.
EC	Engineering control
EON	EON Products, Inc.
EPA	U.S. Environmental Protection Agency
ERH	Electrical resistance heating
IC	Institutional control
MNA	Monitored natural attenuation
MPE	Multi-phase extraction
No.	Number
NYSDEC	New York State Department of Environmental Conservation
OU	Operable unit
PCE	Tetrachloroethylene
PDB	Passive diffusion bag
RG&E	Rochester Gas and Electric
ROD	Record of Decision
SCO	Soil cleanup objective
Site	Dinaburg Distributing, Inc.
SMP	Site Management Plan
SSDS	Sub-slab depressurization system
TCE	Trichloroethylene
VOC	Volatile organic compound

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1. BACKGROUND

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering and Geology P.C. (EA) under Work Assignment Number (No.) D009806-34 to perform site management activities, including annual groundwater sampling, at Dinaburg Distributing, Inc. (the Site) (Site No. 828103). This Annual Report documents the field events completed during 2024. The groundwater monitoring activities were completed in accordance with the applicable guidelines and requirements of NYSDEC. A draft version of this report was submitted in February 2025. This final version is based on subsequent discussions between EA and NYSDEC.

The Site is located at 1012 South Clinton Avenue in the city of Rochester, Monroe County, New York (**Figure 1-1**). The Site occupies approximately 0.25 acres on two parcels. The main parcel, a "T" shaped lot (Tax Map 121.74-5-68), was the former location of Dinaburg Distributing. A second parcel (Tax Map 121.74-5-66) historically contained a residence (referred to as 350 Benton Street). The former site building located on the main parcel and the house located on the second parcel were demolished in 2004 (MACTEC 2011). The boundaries of the Site are more fully described in the Site Management Plan (SMP) (EA 2023).

1.1 SITE DESCRIPTION AND PHYSICAL SETTING

The Site is zoned mixed commercial and residential, is currently vacant, and is surfaced with a combination of grass, gravel and pavement. The Site is bounded by commercial properties to the northwest, residential properties to the northeast, South Clinton Avenue to the southwest, and Benton Street and commercial and residential properties to the southeast (**Figure 1-2**).

The Site, approximately 515 feet above mean sea level, is roughly 6,000 feet east of the Genesee River and approximately 1,000 feet north of the Pinnacle Hills, which are between 100 to 200 feet higher in elevation than the Site (**Figure 1-1**). The Site's topography is nearly flat with a slight slope down towards the streets to the southwest and southeast. Surface water run-off is collected by a stormwater and sewer system underlying the adjacent streets (MACTEC 2023).

The area's climate is characterized by moderately warm summers and cold winters. Mean monthly temperatures range from 26.2 degrees Fahrenheit in January to 72.3 degrees Fahrenheit in July. Average annual precipitation is 35 inches. Average annual snowfall is 102 inches (NOAA 2024). There are no nearby water bodies that receive direct runoff from the Site. Surface drainage from the Site generally flows to storm sewer drains and then to the municipal wastewater treatment system.

The Site is underlain by approximately 20 to 25 feet of overburden consisting of man-made fill overlying glacial deposits including glaciolacustrine (lacustrine) sediments and lodgement till (till). The fill material consists of re-worked silty sand and contains gravel, bricks, concrete, and wood. The fill material ranges in thickness from 0 to approximately 8 feet in and immediately around the Site, and (where present) overlies glaciolacustrine sediments (MACTEC 2011).

Glacial deposits are generally continuous across the Site, with some lateral variability in grain size composition (MACTEC 2011). Glaciolacustrine sediments consist of stratified clayey silt,

sandy silt, and silty clay interbedded with thin sand layers ranging from a few inches to a few feet thick. Lacustrine deposits overlie till and do not appear to contact bedrock. Till consists of angular dolostone fragments with occasional boulders in a silty clay matrix. Till overlies gravelly weathered bedrock that becomes more competent with depth. Bedrock at the Site consists of a low-relief Silurian-age dolostone of the Lockport Group, described as medium gray, hard, fine to medium grained, and mostly featureless with some zones of wavy carbonaceous laminae.

The hydrology beneath the Site consists of a fairly flat and shallow water table. Regionally, bedrock groundwater in the Rochester area flows to Lake Ontario. Groundwater at the Site is present in both overburden and bedrock, with a depth to water between 5 and 8 feet below ground surface (bgs) in overburden; between 8 and 9 feet bgs in the overburden/weathered bedrock interface zone; and greater than 10 feet bgs in bedrock. The direction of local groundwater flow is interpreted to be from the east and northeast to the west, southwest, and southeast (as influenced by the local sewer system) in both the shallow glacial deposits and the deep overburden/bedrock interface units (URS 2001) (**Figures 2-1 and 2-2**).

1.2 INVESTIGATION HISTORY

The Site property and buildings were reportedly used as an automobile repair shop from approximately 1950 through 1969. From 1971 to 1993, the Site was occupied by Dinaburg Distributing, which operated a dry-cleaning supply company selling chemical solvents to various dry cleaners in the area (The Sear-Brown Group, Inc. 1995). Trichloroethylene (TCE) and tetrachloroethylene (PCE) were stored in aboveground storage tanks located inside the north section of the Site building (URS 2001). As a result of Site operations, chlorinated solvents were released through spills and leaks to the ground surface both inside and outside the former building in the vicinity of the former Benton Street driveway. In addition, discharges of PCE, fuel oil, diesel fuel, and Varsal (mineral spirits) had occurred at the Site (Empire Soils Investigations, Inc. 1994). Several field investigations at the Site identified high concentrations of chlorinated compounds representative of dry-cleaning solvents—specifically PCE, TCE, and their breakdown products—in Site soil and groundwater. Site investigations are listed in **Table 1-1**.

The identified contaminants in soil at the Site are chlorinated compounds representative of dry-cleaning solvents, specifically PCE and TCE, with PCE occurring at higher concentrations. The highest contaminant concentrations were detected in shallow soil beneath the tank storage room at the back (north) of the former Dinaburg building, beneath a building extension adjacent to the Benton Street driveway and beneath the adjacent driveways at the 350 and 338 Benton Street properties. Concentrations in soil generally decreased with depth in the vadose zone. Contamination also appeared to have migrated laterally away from entry points. Concentrations of PCE, TCE, *cis*-1,2-dichloroethene (DCE), 1,1-dichloroethane, xylene, and 1,1,1-trichloroethane in soil exceeded NYSDEC Unrestricted Use soil cleanup objectives (SCOs) (MACTEC 2011).

The primary contaminants of concern in groundwater are PCE and TCE, which were detected in overburden groundwater at concentrations exceeding the NYSDEC Class GA groundwater criteria (URS 2001). Contaminated groundwater was determined to flow away from the source

areas in directions ranging primarily from southeast to west, as controlled by the predominant groundwater flow directions. PCE, TCE, 1,2-DCE (total), and vinyl chloride were also detected in bedrock groundwater, with concentrations at bedrock monitoring well MW-03C that exceed Class GA groundwater criteria.

1.3 REMEDIAL HISTORY

The following Interim Remedial Measures have been conducted at the Site:

- In 1999, NYSDEC installed a soil vapor extraction system to address potential indoor air contamination associated with soil vapor intrusion at two adjacent properties. The operation of the system was discontinued as part of the second Interim Remedial Measure.

- In 2005, NYSDEC conducted a limited soil removal of 370 cubic yards and installed a multi-phase extraction (MPE) system that operated from 2006 to 2011. The MPE system included 18 MPE wells installed to the top of the till layer (10 to 15 feet bgs) and 3 extraction wells installed at the overburden/bedrock interface. A sub-slab depressurization system (SSDS) was also installed at an adjacent residence to address potential indoor air contamination by volatile organic compounds (VOCs) associated with soil vapor.

In 2011, the Site was subsequently divided into two operable units (OUs) as presented below. An OU represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate, or mitigate a release, threat of release, or exposure pathway resulting from the site contamination. The OUs of the Site include the following:

- OU1: on-site soil (i.e., the primary source area)

- OU2: groundwater and soil vapor plumes attributed to the soil source area

A Record of Decision (ROD) for OU1 was issued in March 2011, and the selected remedy was the implementation of an electrical resistance heating (ERH) system to address on-site source area soil (NYSDEC 2011). The ERH system, installed to the top of bedrock, was operated from May to December 2015. The ERH remedy successfully remediated site soils to Residential Use SCOs. In addition, the ROD required the following institutional controls (ICs)/engineering controls (ECs) be implemented at the Site:

- An Environmental Easement for the property that (1) requires a periodic certification of ICs/ECs, (2) allows the use and development of the property for residential use, and (3) requires compliance with the NYSDEC-approved SMP

- An SMP that includes an IC/EC Plan, a Monitoring Plan, and an Operation and Maintenance Plan

Upon completion of the OU1 soil remedy, additional groundwater monitoring wells were installed off-site to evaluate the extent of the chlorinated VOC groundwater plume. Several

rounds of groundwater samples were collected as part of the OU2 (groundwater) remedial investigation conducted in 2018 and 2019 (MACTEC 2020).

The ROD for OU2 was issued in March 2021 (NYSDEC 2021). The OU2 ROD recommended No Further Action with the following ICs/ECs to be implemented at the Site:

- Modifying the OU1 IC to add an Environmental Easement for the property that restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the New York State Department of Health.
- Maintaining the existing off-site SSDS.
- The ROD for OU2 included language requiring a Site Management Plan for OU1 that includes an Institutional and Engineering Control Plan.

After completion of remedial work some contamination was left on-site, and an SMP (EA 2023) was prepared to manage the remaining contamination, which included soil, groundwater, and soil vapor. The remaining contamination in soil exceeded Unrestricted Use SCOs at several locations at depths of 12 feet bgs and deeper. Contaminants were present in groundwater at and in the vicinity of the Site at concentrations above NYSDEC Class GA standards. Soil vapor intrusion testing was last conducted in 2005 and 2009, and the VOCs present in soil vapor led to the installation of an SSDS at an adjacent property. Future buildings constructed at the Site would need to be evaluated for soil vapor intrusion.

Following the implementation of the SMP, groundwater sampling is conducted annually at the Site. The groundwater monitoring network consists of 37 wells that are tested for VOCs; 7 of those wells are additionally tested for monitored natural attenuation (MNA) parameters. This Annual Report documents the annual sampling for 2024.

2. FIELD ACTIVITIES

Field activities included oversight of electrical disconnect to the Site, passive diffusion bag (PDB) deployment, Site inspection, groundwater gauging, sampling of the existing monitoring well network, post-sampling PDB deployment, well maintenance, and resampling of monitoring well MW-20S. Monitoring well details are presented in **Table 2-1** and monitoring well locations are presented on **Figure 1-2**. Daily field reports are provided in Appendix A. The Site inspection checklist from 25 September 2024 is included in Appendix B. Field forms from PDB sampling and deployment events, the groundwater sample collection event, and subsequent resampling event are provided in Appendix C. Groundwater monitoring was conducted according to the SMP (EA 2023).

A summary of the field activities for 2024 are provided below:

- 6 June 2024—Electrical disconnect
- 9 September 2024—PDB deployment
- 24-26 September 2024—Groundwater gauging and sampling and PDB deployment
- 25 September 2024—Site inspection
- 30 September and 1 October 2024—Well Maintenance
- 4 December 2024—Resample of MW-20S

2.1 ELECTRICAL DISCONNECT

On 6 June 2024, Rochester Gas and Electric (RG&E), with oversight by EA, disconnected the electrical connection to the onsite electrical panel. RG&E removed a part from the electrical panel that tracked the electricity use and operated an aerial lift to disconnect the 3-phase power line. RG&E noted that a phone line was still connected to the onsite pole and suggested contacting Frontier for removal. Frontier removed the phone line at a later date without oversight by EA. The Daily Inspection Report (DIR) is provided in Appendix A.

2.2 PDB DEPLOYMENT

On 9 September 2024, PDBs were deployed in 30 of the 37 wells. PDBs were not deployed in MW-01, MW-01A, GWE-1, and MW-11K due to historically noted inaccessibility or damage to the wells. No PDBs were installed in MPE-17 or GWE-2 due to the presence of an obstruction in the well preventing deployment. A PDB could not be installed in MW-10K due to a trailer being parked on it. A summary of deployment activities is presented in the DIR provided in **Appendix A**, and deployment forms are included in **Appendix C**.

2.3 SITE-WIDE INSPECTION

An annual Site-wide inspection was conducted on 25 September 2024 which included a general assessment of the Site. There were no severe weather conditions or emergencies during the year 2024, and therefore additional inspections were not conducted. The off-site SSDS is monitored by individual property owners and is not included in this report. The Site inspection checklist is included in **Appendix B**.

2.4 GROUNDWATER GAUGING

Groundwater gauging was conducted 24-26 September 2024. Groundwater levels were measured with a Solinst® water level meter to the nearest 0.01 feet from a reference point marked on the top of the inner casing. Water levels and groundwater elevations are provided in **Table 2-1**. Groundwater elevations in overburden wells indicate overburden groundwater flow is primarily outward in western, southern, and eastern directions from the western portion of the Site. Overburden groundwater elevations and interpreted groundwater contours are presented on **Figure 2-1**. Groundwater elevations in overburden/bedrock interface wells indicate groundwater flow is primarily outward in western, southern, and eastern directions from the western portion of the Site, and additional flow is directed west from the eastern edge of the monitoring well network. Overburden/bedrock interface groundwater elevations and interpreted groundwater contours are presented on **Figure 2-2**. It is important to note that both overburden and bedrock groundwater elevations are relatively flat across the Site and monitoring well network area, with the greatest variation in overburden well elevations being 2.59 feet and the greatest variation in overburden/bedrock interface well elevations being 1.51 feet.

2.5 GROUNDWATER SAMPLING

Between 24 and 26 September 2024, groundwater samples were collected from 33 of 37 monitoring wells using PDB and/or low flow sampling procedures for analysis of VOCs. Low flow sampling was conducted at the three wells (MPE-17, GWE-2, and MW-10K) where PDBs could not be deployed. Property owners removed the trailer covering MW-10K during the 2024 sampling event. Of the 33 wells sampled during this event, 7 were additionally sampled via low-flow techniques and analyzed for MNA parameters. Four of the monitoring wells were not sampled for various reasons: MW-01, MW-01A, and GWE-1 were paved over and inaccessible, and MW-11K was damaged at approximately 3.5 feet bgs. For PDB sampling, water quality field parameters were monitored via bailing additional water from the well after the PDB was removed. For low-flow sampling, water quality field parameters including temperature, pH, dissolved oxygen, conductivity, turbidity, and oxidation-reduction potential were monitored throughout purging. Groundwater samples were collected when groundwater parameters had stabilized over three consecutive readings, indicating that formation water was being drawn. Quality assurance/quality control samples collected for groundwater samples included two matrix spike/matrix spike duplicates and two field duplicates. Each groundwater sample was collected for off-site laboratory analysis of VOCs by U.S. Environmental Protection Agency (EPA) Method 8260.

Seven wells (MW-03A, MW-03CA, MW-08K, MW-13K, MW-14KA, MW-19S, and MW-20S) were sampled for MNA parameters. These wells, aside from background well MW-08K, represent the source area overburden/bedrock interface groundwater, shallow bedrock groundwater, and downgradient overburden/interface groundwater. These wells were sampled for the following MNA parameters:

- Alkalinity by Standard Method 2320B
- Nitrate and Sulfate by Standard Method 300.0
- Chloride and Sulfide by Standard Method 4500S2 F

- Iron and Manganese by EPA Method 6010D
- Ethene, Ethane, Methane, and Carbon Dioxide by EPA Method RSK-175
- Total Organic Carbon by Standard Method 5310B

Field sampling forms are presented in **Appendix C**. Sampling activities are summarized in DIRs included in **Appendix A**.

2.6 POST-SAMPLING PDB DEPLOYMENT

Between 24 and 26 September 2024 following the sampling of each well, PDBs were deployed in 31 of the 37 wells. PDBs were not deployed in MW-01, MW-01A, GWE-1, and MW-11K due to historically noted inaccessibility or damage to the wells. DIRs are included in **Appendix A** and deployment forms for PDB deployment are included in **Appendix C**.

2.7 MONITORING WELL MAINTENANCE

Two well maintenance activities were conducted as part of the annual groundwater monitoring event in September 2024. On 30 September 2024, the PVC inner casing of MW-11S was cut approximately 2.25 inches to allow for the well cover to sit flush. On 1 October 2024, the PVC inner casing of MW-09S was trimmed approximately 1.88 inches to allow the installation of a new well cover. Monitoring well maintenance activities are presented in **Table 2-2** and on DIRs included in **Appendix A**.

2.8 RESAMPLE OF MW-20S

On 4 December 2024, groundwater samples were collected from monitoring well MW-20S using low flow and PDB sampling procedures at the request of NYSDEC. One PDB sample, one low flow sample, one low flow duplicate sample, and an equipment blank sample from an undeployed PDB were taken. Rationale for the resampling of MW-20S is included in Section 3.2.1.2 of this report.

2.9 LABORATORY ANALYSIS AND DATA VALIDATION

The September 2024 samples were analyzed by SGS North America Inc. in Dayton, New Jersey. Laboratory results were validated by Environmental Data Services, LTD in accordance with NYSDEC DER-10 validation guidelines. Laboratory results are presented in Appendix D, and Data Usability Summary Reports are provided in **Appendix E**. Data was determined to be usable as qualified during data validation. No data was rejected, and analytical results for samples collected were considered valid and usable with qualifications as noted in the Data Usability Summary Reports.

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3. MONITORING RESULTS

Annual groundwater monitoring was conducted from 24 to 26 September 2024 and included measurement of water levels and collection and analysis of groundwater samples from 33 of 37 monitoring wells in accordance with the SMP (**Table 2-1**). Four monitoring wells were either inaccessible (MW-01, MW-01A, and GWE-1) or damaged (MW-11K). Monitoring well locations are presented on **Figure 1-2**.

3.1 INSPECTION RESULTS

EA conducted an inspection to monitor the amount of on-site debris (fallen branches, garbage, and overground vegetation), which was documented during previous Site inspections. EA personnel met with the property owner on-site to locate the monitoring well network and identify any monitoring well accessibility issues. The property owner made arrangements for remaining debris surrounding all onsite wells to be cleared prior to EA sampling. No evidence of demolition or construction activities or disturbances to the Site was observed during the inspection. The usage of the property was in compliance with designated use as residential, restricted residential, or commercial.

3.2 GROUNDWATER RESULTS

Analytical results from the September 2024 sampling event are included in **Tables 3-1a** through **3-1d** for VOCs and **Table 3-2** for MNA parameters. Overburden groundwater chlorinated VOC concentration detections from the September 2024 sampling event are depicted on **Figure 3-1**, and overburden/bedrock interface and bedrock chlorinated VOC concentration detections are shown on **Figure 3-2**. Analytical results from the December 2024 resampling of monitoring well MW-20S are shown in **Table 3-3**. Laboratory analysis reports for both September 2024 and December 2024 sampling events are included in **Appendix D**.

3.2.1 VOC Results

VOCs were detected in 29 wells sampled, with concentrations of 1,1-dichloroethane, 1,1-dichloroethene, acetone, *cis*-1,2-DCE, PCE, *trans*-1,2-DCE, TCE, and/or vinyl chloride at each of the 29 wells exceeding NYSDEC Class GA standards (6 New York Code of Rules and Regulations Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended). The highest concentrations of the primary contaminants of concern (PCE, TCE, and their degradation products *cis*-1,2-DCE and vinyl chloride) are as follows:

- PCE concentration of 3,910 µg/L was detected at overburden well MW-20S, located in the southwestern corner of the Site near Benton Street. Overburden and interface PCE plumes are shown on **Figures 3-3 and 3-4**, respectively. Additional discussion of the results from MW-20S is provided in Sections 3.2.1.2 and 3.2.1.3.

- TCE concentration of 3,280 µg/L was detected at overburden/bedrock interface well MW-14KA, and TCE concentration of 3,300 µg/L was detected at overburden/bedrock interface well MW-16K, both located at the eastern edge of the Site near the adjacent

property. Overburden and interface TCE plumes are shown on **Figures 3-5 and 3-6**, respectively.

- *Cis*-1,2-DCE concentrations of 3,700 µg/L and 2,170 µg/L were detected at overburden/bedrock interface wells MW-14KA and MW-16K, respectively. Both wells are located at the eastern edge of the Site near the adjacent property. Additionally, *cis*-1,2-DCE was detected at a concentration of 1,230 µg/L in overburden well MW-19S, located in the center of the property. Overburden and interface *cis*-1,2-DCE plumes are shown on **Figures 3-7 and 3-8**, respectively.

- Vinyl chloride concentration of 354 µg/L was detected at overburden/bedrock interface well MW-03A, located near the center of the property near Benton Street.

3.2.2 Mann-Kendall Statistical Analysis

The Mann-Kendall Toolkit was used to statistically evaluate trends in PCE, TCE, and *cis*-1,2-DCE concentrations. Mann-Kendall plots are provided in **Appendix G.** A Mann-Kendall trend analysis result that is "probably decreasing" or "probably increasing" means that there is a statistically significant change in the time series data. The "probably" indicates a high degree of confidence in the existence of the trend.

MW-03A is an overburden/bedrock interface monitoring well within the source area. Results from the Mann-Kendall Toolkit indicate no concentration trends for PCE and TCE and a probably increasing trend for *cis*-1,2-DCE.

MW-03CA is a shallow bedrock monitoring well within the source area. Results from the Mann-Kendall Toolkit indicate no concentration trends for PCE, TCE, and *cis*-1,2-DCE.

MW-13K is an overburden/bedrock interface monitoring well near the western/downgradient perimeter of the Site. Results from the Mann-Kendall Toolkit indicate decreasing concentration trends for PCE and TCE and a stable trend for *cis*-1,2-DCE

MW-14KA is an overburden/bedrock interface monitoring well near the eastern perimeter of the Site. Results from the Mann-Kendall Toolkit indicate a decreasing concentration trend for PCE, a probably decreasing concentration trend for TCE, and a stable concentration trend for *cis*-1,2-DCE.

MW-18S is an overburden monitoring well along the northern perimeter of the source area. Results from the Mann-Kendall Toolkit indicate a decreasing concentration trend for PCE, no concentration trend for TCE, and a stable concentration trend for *cis*-1,2-DCE.

MW-19S is an overburden monitoring well in the source area. Results from the Mann-Kendall Toolkit indicate probably increasing concentration trends for PCE and TCE and a stable concentration trend for *cis*-1,2-DCE.

MW-20S is an overburden monitoring well near the southeast perimeter of the source area. Multiple graphs are provided for MW-20S to clarify data that may be difficult to interpret from

one graph alone. Results from the Mann-Kendall Toolkit indicate stable concentration trends for PCE and TCE and a probably decreasing concentration trend for *cis*-1,2-DCE.

MW-21S is an overburden monitoring well within the source area. Results from the Mann-Kendall Toolkit indicate a stable concentration trend for PCE and TCE and a decreasing concentration trend for *cis*-1,2-DCE.

Concentrations of chlorinated VOCs in most of the overburden wells and in the overburden/bedrock interface wells have shown a steady decrease since the ERH remedy was completed in 2015. The primary exception is in the vicinity of MW-20S, where chlorinated VOC (primarily PCE) concentrations have fluctuated post-remediation but remain high (PCE at a concentration of 3,910 µg/L) (**Table 3-1a**). Concentrations in the nearby overburden well MW-19S and overburden/bedrock interface well MW-03A have also increased slightly over the last four years. Chlorinated VOC concentrations detected in MW-03A are primarily dominated by vinyl chloride and *cis*-1,2-DCE, and concentrations detected in MW-19S are primarily *cis*-1,2-DCE.

3.2.2.1 Discussion of Acetone Detections

Historically, acetone has either not been detected or detected at concentrations below the NYSDEC ambient water quality standard (AWQS) of 50 µg/L at the Site. During the 2024 sampling event, acetone was detected in 29 of the 33 wells sampled, with detections ranging between 4.3 µg/L (PZ-22S) and 243 µg/L (MW-15K). Of the 29 wells with acetone detections, 25 wells had reported concentrations above the AWQS. Acetone was detected in all wells sampled via PDBs aside from MW-16K. Acetone was not detected from the three wells sampled for VOCs via low flow methods (GWE-2, MPE-17, and MW-10K).

On 2 December 2024, EA and NYSDEC hosted a conference call with the PBD vendor, EON Products, Inc. (EON), to discuss acetone detections in samples collected via PDB sampling methods. EON assured EA and NYSDEC that acetone is not used in the production of their PDBs. The data validation determined all sample results to be useable.

3.2.2.2 Discussion of MW-20S Results (September 2024)

VOC concentrations of PCE, TCE, and *cis*-1,2-DCE decreased at MW-20S between the 2023 and 2024 sampling events. TCE decreased from 592 µg/L to 228 µg/L and *cis*-1,2-DCE decreased from 54.2 µg/L to 14.1 µg/L. Most notably, PCE decreased by nearly 90 percent, from 37,100 µg/L in 2023 to 3,910 µg/L in 2024. Upon discussion of these results with NYSDEC, EA recommended resampling MW-20S via both PDB and low flow methods to determine whether the decrease at MW-20S was a result of sampling methodology.

During the meeting with EON on 2 December 2024, EA raised concerns regarding the significant decrease in VOC concentrations at MW-20S. EON suggested that the decrease in reported concentration may be a result of the PDB being suspended too high within the well screen. On 4 December 2024, EA measured the static water level in MW-20S to be 7.79 feet below the top of the inner casing (bTOIC). Based on the constructed well depth (15.40 feet bTOIC) and the length of deployment line, the top of the PDB was measured to be suspended at 5 feet above the bottom of the well, approximately 10.40 feet bTOIC. The PDB deployed in MW-20S was suspended 4 feet above the bottom of the well, nearly 3 feet below the static water level, and in the lower half of the well screen (5-15 feet bTOIC).

3.2.2.3 Results from MW-20S Resampling (December 2024)

PCE, TCE, and *cis*-1,2-DCE were detected in exceedance of AWQS in the low flow, low flow duplicate, and PDB samples collected from MW-20S on 4 December 2024. A discussion of each of these analytes is included below.

- PCE concentrations in the December 2024 samples are as follows: 6,340 µg/L in the low flow sample (MW-20S-LF), 6,150 µg/L in the low flow duplicate sample (DUP), and 11,200 µg/L in the PDB sample (MW-20S-PDB). The PCE concentration of the PDB sample collected in September 2024 is 3,910 µg/L. The December 2024 low flow sample concentration is approximately half of the concentration reported from the December 2024 PDB sample and nearly 60 percent greater than the PDB sample concentration detected in September 2024. Regardless of sampling method, all 2024 sample concentrations for PCE at MW-20S are significantly lower than the reported concentration of 37,100 µg/L collected via low flow sampling methods in September 2023. This drop in PCE concentration may be indicative of plume migration or degradation.

- TCE concentrations in the December 2024 samples are as follows: 104 µg/L in the low flow sample (MW-20S-LF), 105 µg/L in the low flow duplicate (DUP), and 80.3 µg/L in the PDB sample (MW-20S-PDB). These results vary from the PDB sample collected in September 2024, which has a reported concentration of 228 µg/L.

- *Cis*-1,2-DCE concentrations in the December 2024 samples are as follows: 117 µg/L in the low flow sample (MW-20S-LF), 122 µg/L in the low flow duplicate sample (DUP), and 26.8 µg/L in the PDB sample(MW-20S-PDB). The low flow results are greater than the concentrations detected in the PDB sample collected as part of the resample event and in September 2024 (26.8 µg/L).

Acetone was detected in exceedance of AWQS in the PDB sample collected from MW-20S in December 2024 at a concentration of 233 µg/L. The associated equipment blank taken from an unused PDB had no reported detections of VOCs aside from acetone, which was reported at 11.0 µg/L. These results correspond with the acetone results from the September 2024 PDB sample (72.2 µg/L) and associated PDB equipment blank (8.0 µg/L). Both the December 2024 low flow and low flow duplicate samples yielded non-detection results below a method detection limit of 150 µg/L for acetone. A summary of groundwater results from the resampling of MW-20S is presented in **Table 3-3**. Groundwater results in MW-20S from the September and December 2024 events are presented together in **Table 3-4**.

3.2.3 Monitored Natural Attenuation Results and Evaluation

As a secondary evaluation, the EPA anaerobic biodegradation screening tool was used to complete preliminary screening for anaerobic degradation processes (**Table 3-5**). The screening tool uses field parameters and analytical data to determine the potential for biological reductive dechlorination at the Site. EA used the screening assessment to further evaluate current Site conditions. Following is the scoring rationale:

- 0–5 indicates *inadequate* evidence for anaerobic biodegradation
- 6–14 indicates *limited* evidence for anaerobic biodegradation
- 15–20 indicates *adequate* evidence for anaerobic biodegradation
- >20 indicates *strong* evidence for anaerobic biodegradation

All wells sampled for natural attenuation parameters (MW-03A, MW-03CA, MW-08K, MW-13K, MW-14K, MW-19S, and MW-20S) were used to determine the potential for reductive dechlorination at the Site. Scores range from 4 to 19, with 29 percent of wells falling in the 0 to 5 bracket, 14 percent falling into 6 to 14 bracket, 57 percent falling into the 15 to 20 bracket, and 0 percent falling in the greater than 20 scoring bracket. Based on the EPA screening tool, the evidence of anaerobic biodegradation ranges from the inadequate category up to the adequate category, at the selected wells. Inadequate evidence is seen at MW-08K and MW-20S, limited evidence is seen at MW-19S, and adequate evidence is seen at MW-03A, MW-03CA, MW-13K, and MW-14KA.

Approximately 43 percent of the selected wells show inadequate to limited evidence and 57 percent show adequate evidence of anerobic biodegradation. A closer inspection of the geochemical data will provide the limiting factors of the biodegradation process. Degradation of organic contaminants in groundwater is accomplished by biochemical oxidation reactions, where one compound (i.e., electron donor) loses electrons and is oxidized and the other compound (i.e., electron acceptor) receives electrons and is reduced. The compound that is reduced (i.e., receives or gains electrons) is called the terminal electron acceptor. Dissolved oxygen, nitrate, ferric iron, and sulfate minerals in the aquifer can serve as terminal electron acceptors, and the presence of these terminal electron acceptors provides a better understanding of the limiting factors of biodegradation. A discussion of these terminal electron acceptors in relation to anaerobic biodegradation at the Site is provided below:

- Dissolved oxygen is the most preferred terminal electron acceptor relative to others used by microorganisms for the biodegradation of the contaminants. Since dissolved oxygen is at concentrations of less than 0.5 milligrams per liter (mg/L) for 5 of the 7 wells, anaerobic biodegradation is likely occurring.

- Nitrate is the next preferred terminal electron acceptor after dissolved oxygen. The presence of nitrate at concentrations less than 1 mg/L in all 7 of the wells indicates denitrification is likely occurring. Measurable concentrations of nitrite in MW-08K and MW-19S indicates nitrate reduction is occurring.

- Ferric iron is used as a terminal electron acceptor during anaerobic biodegradation of organic carbon. The presence of iron II at concentrations greater than 1 mg/L in 5 of the 7 wells indicates iron III reduction is occurring.

- Sulfate can be used as a terminal electron acceptor for anaerobic degradation of organic contaminants. The presence of sulfate at concentrations greater than 20 mg/L for all 7 wells indicates that conditions are not sulfate-reducing.

In summary, the Site aquifer exhibits signs of anaerobic respiration, denitrification, and iron reduction. The limiting factors for the aquifer are higher concentrations of dissolved oxygen and

sulfate and lower concentrations of iron II, which are indicative of poor conditions for anaerobic biodegradation and sulfate reduction. Sulfate reduction is expected to occur after dissolved oxygen, nitrate, and ferric iron have been depleted.

3.3 GROUNDWATER RESULTS, EFFECTIVENESS, AND PROTECTIVENESS

In September 2024, chlorinated VOCs continued to be detected in a majority of the sampled wells at concentrations above NYSDEC Class GA standards. PCE concentrations at MW-13K (950 µg/L), MW-16K (851 µg/L), and MW-20S (3710 µg/L) are more than two orders of magnitude greater than the AWQS of 5 µg/L for PCE (NYSDEC 1998). Data from the groundwater sampling event completed during the reporting period exhibit few increasing or potentially increasing trends in PCE and degradation product concentrations in overburden, interface, and bedrock groundwater, indicating that a majority of concentrations are stable or exhibit no trend.

Significant increases in concentrations of chlorinated VOCs between the September 2023 and September 2024 sampling events were noted at the following wells:

- At interface well MW-16K, PCE increased from 189 µg/L to 851 µg/L and TCE increased from 236 µg/L to 3,300 µg/L between September 2023 and 2024. Degradation product *cis*-1,2-DCE also significantly increased from 320 µg/L to 2,170 µg/L during this time frame.

- At bedrock well MW-03CA, PCE increased from 130 µg/L to 440 µg/L and TCE increased from 57.9 µg/L to 274 µg/L between September 2023 and 2024. Degradation products also significantly increased during this time frame; *cis*-1,2-DCE increased from 89.4 µg/L to 486 µg/L and vinyl chloride increased from 6.9 µg/L to 47.5 µg/L.

Significant decreases in concentrations of chlorinated VOCs have been observed in several of the monitoring wells between the September 2023 and September 2024 sampling events:

- At overburden well MW-15S, PCE decreased from 100J µg/L to 43.8 µg/L.

- At overburden well MW-17S, PCE decreased from 114 µg/L to 42.7 µg/L.

- At overburden well MW-20S, PCE decreased from 37,100 µg/L to 3,910 µg/L, and TCE decreased from 592 µg/L to 228 µg/L.

The conditions of the aquifer indicate that approximately 43 percent of the selected wells have inadequate to limited evidence of anerobic biodegradation. As mentioned previously, the presence of dissolved oxygen and iron III prevents anaerobic biodegradation, iron reduction, and strong reducing conditions. The presence of PCE and TCE degradation products indicates that some biodegradation is likely occurring, though concentrations continue to remain above groundwater standards.

4. CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

The goal of the ROD (NYSDEC 2021) is to establish a remedial approach for the Site that protects human health and the environment. Therefore, groundwater quality must meet and satisfy the ambient water quality standard guidance for Class GA groundwater as defined by NYSDEC Technical and Operational Guidance Series 1.1.1 (NYSDEC 1998) to the extent practicable. Although the remedy continues to remain protective of human health, the remedy is not effective in reducing VOC concentrations to below NYSDEC Class GA standards. Based on the continued high concentrations in groundwater in the south and central portions of the Site and current aquifer conditions, the time necessary to reach the remedial goals remains indefinite.

The remaining contaminants of concern are those that show concentrations above groundwater screening levels. The 2024 inspection confirmed compliance with all ICs and all aspects of ECs to be in good condition.

4.2 Recommendations

Based on Site observations and groundwater analytical results, the following changes to site management activities are recommended. Recommendations will be incorporated into the SMP pending NYSDEC approval.

4.2.1 Sub-Slab Depressurization System Inspection

It is recommended that off-site SSDS inspections continue to be conducted by individual property owners to verify they are operating properly.

4.2.2 Site-Wide Inspection

It is recommended that the Site-wide inspection continue to be performed annually and in conjunction with the annual groundwater monitoring event.

4.2.3 Monitoring Well Resurvey

It is recommended that the monitoring well network be resurveyed because of recent well maintenance activities. During the well maintenance events of 2023 and 2024, the inner casing of monitoring wells MW-08S, MW-09S, MW-10S, and MW-11S were trimmed to allow the installation of J-Plugs and well covers.

4.2.4 Groundwater Monitoring

It is recommended that groundwater sampling continue to be performed annually for the VOC parameters identified in the 2023 SMP. Concentrations of chlorinated VOCs continue to be greater than NYSDEC Class GA standards. Although concentrations in most wells at the Site exhibit mostly decreasing, stable, or no trends, PCE concentrations remain significantly above standards at and in the vicinity of overburden monitoring well MW-20S. EA will continue to

monitor the variability of chlorinated VOCs at MW-20S, and will take steps to eliminate potential for acetone contamination during future sampling events. Groundwater quality data generated in 2025 should also be reviewed to determine if concentrations diminish in the vicinity of MW-20S, or if additional remedial measures should be considered for this area of the Site.

4.2.5 Remedial System Optimization

According to the ROD for OU2 (NYSDEC 2021), additional remediation is expected if it appears that natural processes alone will not address the contamination. There is evidence of some biodegradation occurring at the Site, but the rate of degradation cannot compete with the rate of rebound of PCE and TCE. The ROD of OU2 states that the contingency remedial action will be dependent on the information collected, but it was anticipated that enhanced bioremediation would be the expected contingency remedial action (NYSDEC 2021). VOC concentrations remaining several degrees of magnitude above AWQS at and around monitoring well MW-20S suggest a potential source in the soil. It is recommended that new source area bedrock monitoring wells be installed so that additional soil and groundwater data can be collected and analyzed. This new data will be evaluated to provide options that would be effective in aiding remedial efforts.

5. REFERENCES

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URS Corporation (URS). 2001. *Final Remedial Investigation Report, Former Dinaburg Distributing, Inc., Site # 828103, Rochester, New York.* New York State Department of Environmental Conservation, Division of Remediation, Albany, New York. May.

Tables

Table 1-1. Chronological List of Investigations and Record Documents

Report Title	Year
Phase I Environmental Site Assessment, Empire Soils Investigations, Inc	1994
Phase I Environmental Site Assessment Addendum, Empire Soils Investigations, Inc.	1994
Soil Vapor Survey Report, Marcor of New York, Inc.	1994
Basement Survey and Air Monitoring Report, Sear Brown Group, Inc.	1995
Environmental Site Characterization Report, Sear Brown Group, Inc	1995
Progress Report, Voluntary Investigation, Sear Brown Group, Inc.	1997
Voluntary Investigation Report, Sear Brown Group, Inc	1998
Soil Gas Survey Report, Galson Consulting	1999
Geoprobe Survey, Zebra Environmental Corp.	1999
EMFLUX® Passive, Non-Invasive Soil-Gas Survey, BEACON Environmental Services, Inc.	2000
Final Remedial Investigation Report, URS	2001
Pre-Design Investigation, URS	2004
Supplemental Soil Gas Sampling Letter Report, URS	2004
Site CAD Drawing, Site Plan Survey Information, URS	2006
Daily Field Activity Report, URS	2006
Final Remediation Report, URS	2007
Evaluation of Remedial System Performance—Soil Sampling Assessment Report, URS	2008
Data Assessment Summary, URS	2010
Evaluation of Remedial System Performance Memorandum, URS	2006 to 2010
Remedial Investigation/Feasibility Study Report, MACTEC	2011
Record of Decision, Operable Unit 1, NYSDEC	2011
Remedial Design Baseline Groundwater Sampling Letter Report, MACTEC	2012
Final Construction Completion Report OU1 Remedial Action, MACTEC	2017
Groundwater Sampling Report, MACTEC	2017
Remedial Investigation/Feasibility Report—Operable Unit 2, MACTEC	2020
Groundwater Sampling Report, MACTEC	2020
Record of Decision, Operable Unit 2, NYSDEC	2021
Site Management Plan, EA	2023

Notes:
EA = EA Engineering and Geology, P.C
MACTEC = MACTEC Engineering and Geology, P.C
NYSDEC = New York Department of Environmental Conservation
URS = URS Corporation

Table 2-1. Monitoring Well Details

Location	Northing	Easting	Riser Elevation	Casing Elevation	Ground Elevation	Bedrock Elevation	Well Material	DTB (ft bgs)	Screen Length (ft)	Depth of Bedrock Encountered (ft)	Screened Zone	DTW[(a)] (ft BTOR)	GW Elevation (ft amsl)
GWE-1	1145169.4	1412098.4	511.98	512.43	512.43	491.73	PVC	20.7	3	20.7	interface	NA	NA
GWE-2	1145152	1412176.3	511.94	512.35	512.35	489.35	PVC	23.0	3	23.0	interface	9.05	502.89
MPE-17	1145160.2	1412170.8	511.97	512.47	512.47	NA	PVC	13.5	7.5	NA	overburden	4.2	507.77
MW-01	1145163.2	1412088.1	512.06	512.36	512.43	491.73	PVC	20.4	5	20.7	interface	NA	NA
MW-01A	1145167.7	1412095.5	512.05	512.43	512.52	NA	PVC	8.0	5	NA	overburden	NA	NA
MW-03A	1145186.92	1412206.46	512.12	512.47	512.47	490.67	SS	24.5	5	21.8	interface	9.42	502.70
MW-03CA	1145190.51	1412204.76	511.78	512.38	512.38	489.48	SS	30.5	5	22.9	bedrock	11.71	500.07
MW-03D	1145187.694	1412200.493	511.84	512.54	512.53	490.53	PVC	51.65	10	22.0	bedrock	18.22	493.62
MW-04	1145082.5	1412145.9	512.01	512.38	512.3	489.2	PVC	24.1	15	23.1	overburden/interface	9.92	502.09
MW-05	1145059.9	1412071.4	512.49	512.78	512.72	489.12	PVC	24.6	15	23.6	overburden/interface	9.63	502.86
MW-06	1145321.2	1412126.4	510.54	511.01	511.01	491.11	PVC	20.6	15	19.9	overburden/interface	8.51	502.03
MW-10K	1145250.0	1412155.1	511.49	511.9	511.84	489.84	PVC	21.8	10	22.0	interface	8.2	503.29
MW-10S	1145262.1	1412157	511.58*	511.74	511.7	NA	PVC	16.0	10	NA	overburden	6.75	504.83*
MW-11K	1145145.6	1412256.6	511.12	511.61	511.6	494.1	PVC	18.2	10	17.50	interface	NA	NA
MW-11S	1145152.0	1412267.5	511.36	511.58	511.6	NA	PVC	14.0	10	NA	overburden	8.72	502.64
MW-12K	1145115.8	1412213.0	511.67	512.09	512.09	492.79	PVC	19.5	5	19.3	interface	9	502.67
MW-12S	1145111.0	1412204.1	511.53	512.01	512.01	NA	PVC	14.0	5	NA	overburden	7.69	503.84
MW-13K	1145154.4	1412083.7	512.13	512.41	512.41	493.21	PVC	21.5	5	19.2	interface	9.33	502.80

Notes:

(a) DTW was measured during the September 2024 sampling event.

*Elevation estimated due to riser being shortened during September 2023 site maintenance

amsl = Above mean sea level

bgs = Below ground surface

BTOR = Below top of riser

DTB = Depth to bottom as installed

DTW = Depth to water

ft = Feet (foot)

GW = Groundwater

NA = Not available

PVC = Polyvinyl chloride

SS = Stainless steel

Table 2-1. Monitoring Well Details

Location	Northing	Easting	Riser Elevation	Casing Elevation	Ground Elevation	Bedrock Elevation	Well Material	DTB (ft bgs)	Screen Length (ft)	Depth of Bedrock Encountered (ft)	Screened Zone	DTW[(a)] (ft BTOR)	GW Elevation (ft amsl)
MW-14KA	1145231.02	1412219.57	511.78	512.11	512.11	491.11	SS	24.4	5	21.0	interface	9.06	502.72
MW-15K	1145175.74	1412133	512.74	512.85	512.85	489.35	SS	25.3	5	23.5	interface	9.2	503.54
MW-15S	1145179.92	1412130.36	512.52	513.04	513.04	NA	SS	15.0	10	NA	overburden	7.54	504.98
MW-16K	1145216.5	1412228.09	511.83	512.26	512.26	489.06	SS	25.5	5	23.2	interface	9.02	502.81
MW-16S	1145252.27	1412212.19	512.48	512.69	512.69	NA	SS	15.5	10	NA	overburden	10.18	502.30
MW-17S	1145220.51	1412226.64	511.59	512.2	512.2	NA	SS	15.5	10	NA	overburden	7.98	503.61
MW-18S	1145233.7	1412171.5	512.74	513.02	513.02	NA	SS	15.0	10	NA	overburden	8.3	504.44
MW-19S	1145201.46	1412191.41	512.54	512.78	512.78	NA	SS	14.8	10	NA	overburden	8.77	503.77
MW-20S	1145162.95	1412199.08	512.67	512.93	512.93	NA	SS	15.4	10	NA	overburden	9.33	503.34
MW-21S	1145203.8	1412157.97	512.44	512.87	512.87	NA	SS	15.0	10	NA	overburden	8.5	503.94
MW-22K	1145257.935	1412260.71	511.48	511.85	511.85	494.35	PVC	28.6	10	17.5	interface	8.72	502.76
MW-23K	1145137.253	1412014.991	511.69	512.41	512.41	490.91	PVC	31.0	10	21.5	interface	8.81	502.88
MW-24K	1145137.6	1411903.275	512.06	512.46	512.44	494.44	PVC	28.3	10	18.0	interface	9.14	502.92
MW-8K	1145200.5	1412282.8	511.24	511.61	511.57	493.77	PVC	19.2	10	17.8	interface	8.24	503.00
MW-8S	1145202.9	1412286.3	512.00*	511.54	511.52	NA	PVC	16.0	10	NA	overburden	7.46	504.54*
MW-9K	1145215.1	1412036.0	512.01	512.26	512.27	488.97	PVC	22.7	10	23.3	interface	9.29	502.72
MW-9S	1145222.5	1412032.2	511.32*	512.24	512.22	NA	PVC	16.0	10	NA	overburden	8.93	502.39*
PZ-22S	1145257.935	1412260.71	511.47	511.85	511.85	NA	PVC	12.3	10	NA	overburden	7.73	503.74
PZ-24S	1145137.6	1411903.275	512.06	512.46	512.44	NA	PVC	14.3	10	NA	overburden	8.43	503.63

Notes:

(a) DTW was measured during the September 2024 sampling event.

*Elevation estimated due to riser being shortened during September 2023 site maintenance

amsl = Above mean sea level

bgs = Below ground surface

BTOR = Below top of riser

DTB = Depth to bottom as installed

DTW = Depth to water

ft = Feet (foot)

GW = Groundwater

NA = Not available

PVC = Polyvinyl Chloride

SS = Stainless steel

Table 2-2. September 2024 Monitoring Well Maintenance

Well ID	Located (Y/N)	Accessible (Y/N)	Riser Pipe Elevation (ft amsl)	DTB (ft bgs)	Maintenance Notes	Corrective Measures
MW-01	N	N	512.06	NA	Paved over, could not locate	None
MW-01A	N	N	512.05	NA	Paved over, could not locate	None
MW-03A	Y	Y	512.12	24.29	None	None
MW-03CA	Y	Y	511.78	29.73	None	None
MW-03D	Y	Y	511.84	51.65	Extra weights required to deploy PDB	None
MW-04	Y	Y	512.01	23.00	None	None
MW-05	Y	Y	512.49	22.64	None	None
MW-06	Y	Y	510.54	16.77	None	None
MW-08K	Y	Y	511.24	18.84	None	None
MW-08S	Y	Y	511.27	9.92	None	None
MW-09K	Y	Y	512.01	23.48	None	None
MW-09S	Y	Y	511.87	14.78	No well cover	New well cover installed, PVC cut approximately 1.88 ft; well will need to be resurveyed
MW-10K	Y	Y	511.49	21.34	None	None
MW-10S	Y	Y	511.25	15.14	None	None
MW-11K	Y	Y	511.12	NM	PVC casing broken ~3.5 ft down	None
MW-11S	Y	Y	511.36	13.30	Well cover does not fit properly with J-Plug on	PVC cut approximately 2.25 ft; well will need to be resurveyed
MW-12K	Y	Y	511.67	18.73	None	None
MW-12S	Y	Y	511.53	13.65	None	None
MW-13K	Y	Y	512.13	20.15	Soft bottom	None
MW-14KA	Y	Y	511.78	24.07	Covered with dirt; had to uncover	None
MW-15K	Y	Y	512.74	25.00	Extra weights required to deploy PDB	None
MW-15S	Y	Y	512.52	14.92	None	None
MW-16K	Y	Y	511.83	25.00	None	None
MW-16S	Y	Y	512.48	15.23	None	None
MW-17S	Y	Y	511.59	14.95	None	None
MW-18S	Y	Y	512.74	14.95	None	None
MW-19S	Y	Y	512.54	14.94	None	None
MW-20S	Y	Y	512.67	14.95	None	None
MW-21S	Y	Y	512.44	14.95	None	None
PZ-22S	Y	Y	511.47	13.21	None	None
MW-22K	Y	Y	511.48	28.20	None	None
MW-23K	Y	Y	511.69	30.25	None	None
PZ-24S	Y	Y	512.06	13.44	None	None
MW-24K	Y	Y	512.06	27.90	None	None
GWE-1	N	N	511.98	NA	Paved over, could not locate	None
GWE-2	Y	Y	511.94	22.50	Centralizer in well, unable to deploy PDB	None
MPE-17	Y	Y	511.97	13.80	Centralizer in well, unable to deploy PDB	None

Notes:
Monitoring well maintenance was performed during September 2024.
amsl = above mean sea level
bgs = below ground surface
DTB = Depth to bottom as measured September 2024
ft = feet (foot)
ID = Identification
N = No
NA = Not available
NM = Not measured
PDB = Passive diffusion bag
PVC = Polyvinyl chloride
Y = Yes

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden					
		Location ID	MPE-17					
		Sample Name	828103-MPE17010	828103-MPE17012	828103-MPE17012	828103-MPE17012	828103-MPE-17-09262023	828103-MPE-17-20240926
		Parent Sample Sample Date	7/11/2012	2/14/2019	7/16/2020	5/26/2022	9/26/2023	9/26/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**					
1,1,1-Trichloroethane (TCA)	5	µg/L	1.3	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	1	< 0.38 U	< 0.38 U	< 1 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	0.78 J	< 0.29 U	< 0.29 U	< 1 UJ	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 0.98 U	3.1 J	< 3.0 U	NA	< 3.1 U	< 3.1 U
Benzene	1	µg/L	< 0.21 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 0.2 U	< 0.39 U	< 0.39 U	< 1 UJ	< 0.45 U	< 0.45 U
Carbon Disulfide	60	µg/L	< 0.2 U	< 0.19 U	< 0.19 U	< 1 UJ	< 1.8 U	< 1.8 U
Chloroform	7	µg/L	0.28 J	< 0.34 U	< 0.34 U	< 1 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	1.4	< 0.81 U	< 0.81 U	< 1 UJ	< 0.51 U	< 0.51 U
Ethylbenzene	5	µg/L	< 0.2 U	< 0.74 U	< 0.74 U	NA	< 0.6 U	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 0.51 U	< 1.3 U	< 1.3 U	NA	< 2.7 U	< 2.7 U
Tetrachloroethylene (PCE)	5	µg/L	**9**	**7.9**	**10**	**7.2 J**	**15.8**	**26.3**
Trans-1,2-Dichloroethene	5	µg/L	< 0.2 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	3.9	0.49 J	0.6 J	0.28 J	0.7 J	0.77 J
Vinyl Chloride	2	µg/L	< 0.23 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden					
		Location ID	MW-08S					
		Sample Name	828103-MW08S1117	828103-MW08S011	828103-MW08S011	828103-MW08S011	828103-MW-08S-09262023	828103-MW-08S-20240924
		Parent Sample						
		Sample Date	5/24/2017	11/27/2018	7/15/2020	5/26/2022	9/26/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.82 U	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.38 U	< 0.38 U	< 0.38 U	< 1 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.29 U	< 0.29 U	< 0.29 U	< 1 UJ	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 3 U	< 3 U	< 3.0 U	NA	< 3.1 U	**108**
Benzene	1	µg/L	< 0.41 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 0.39 U	< 0.39 U	< 0.39 U	< 1 UJ	< 0.45 U	< 0.45 U
Carbon Disulfide	60	µg/L	< 0.19 U	< 0.19 U	< 0.19 U	< 1 UJ	< 1.8 U	< 1.8 U
Chloroform	7	µg/L	< 0.34 U	< 0.34 U	< 0.34 U	< 1 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.81 U	< 0.81 U	< 0.81 U	< 1 UJ	< 0.51 U	< 0.51 U
Ethylbenzene	5	µg/L	< 0.74 U	< 0.74 U	< 0.74 U	NA	< 0.6 U	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 1.3 U	NA	< 2.7 U	3.1 J
Tetrachloroethylene (PCE)	5	µg/L	< 0.36 U	< 0.36 U	< 0.36 U	< 1 UJ	< 0.56 U	< 0.56 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	< 0.46 U	< 0.46 U	< 0.46 U	< 1 UJ	< 0.53 U	< 0.53 U
Vinyl Chloride	2	µg/L	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden				
		Location ID	MW-09S				
		Sample Name	828103-MW09S1177	828103-MW9S5012	828103-MW09S012	828103-MW-09S-09262023	828103-MW-09S-20240924
		Parent Sample Sample Date	5/24/2017	11/28/2018	7/15/2020	9/26/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**				
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.82 U	< 0.82 U	< 0.82 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.38 U	< 0.38 U	< 0.38 U	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.29 U	< 0.29 U	< 0.29 U	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 3 U	< 3 U	< 3.0 U	< 3.1 U	**130**
Benzene	1	µg/L	< 0.41 U	< 0.41 U	< 0.41 U	< 0.43 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 0.39 U	< 0.39 U	< 0.39 U	< 0.45 U	< 0.45 U
Carbon Disulfide	60	µg/L	< 0.19 U	< 0.19 U	< 0.19 U	< 1.8 U	< 1.8 U
Chloroform	7	µg/L	< 0.34 U	< 0.34 U	< 0.34 U	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.81 U	< 0.81 U	< 0.81 U	< 0.51 U	< 0.51 U
Ethylbenzene	5	µg/L	< 0.74 U	< 0.74 U	< 0.74 U	< 0.6 U	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 1.3 U	< 2.7 U	4.9 J
Tetrachloroethylene (PCE)	5	µg/L	< 0.36 U	< 0.36 U	< 0.36 U	< 0.56 U	< 0.56 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.9 U	< 0.9 U	< 0.90 U	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	< 0.46 U	< 0.46 U	< 0.46 U	< 0.53 U	< 0.53 U
Vinyl Chloride	2	µg/L	< 0.9 U	< 0.9 U	< 0.90 U	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden					
		Location ID	MW-10S					
		Sample Name	828103-MW10S1117	828103-MW10S012	828103-MW10S012	828103-MW10S012	828103-MW-10S-09262023	828103-MW-10S-20240924
		Parent Sample						
		Sample Date	5/25/2017	11/28/2018	7/14/2020	5/25/2022	9/26/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.82 U	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.38 U	< 0.38 U	< 0.38 U	< 1 U	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.29 U	< 0.29 U	< 0.29 U	< 1 U	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 3 U	< 3 U	< 3.0 U	NA	< 3.1 U	**60.2**
Benzene	1	µg/L	< 0.41 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 0.39 U	< 0.39 U	< 0.39 U	< 1 U	< 0.45 U	< 0.45 U
Carbon Disulfide	60	µg/L	< 0.19 U	< 0.19 U	< 0.19 U	< 1 U	< 1.8 U	< 1.8 U
Chloroform	7	µg/L	< 0.34 U	< 0.34 U	< 0.34 U	< 1 U	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	**5.6**	1.3	2.7	1.1	**10.4**	1.2
Ethylbenzene	5	µg/L	< 0.74 U	< 0.74 U	< 0.74 U	NA	< 0.6 U	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 1.3 U	NA	< 2.7 U	2.9 J
Tetrachloroethylene (PCE)	5	µg/L	**50**	**24**	**16**	**8.8**	3	3.6
Trans-1,2-Dichloroethene	5	µg/L	< 0.9 U	< 0.9 U	< 0.90 U	< 1 U	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	**49**	**19**	**19**	**13**	**12.5**	**8.7**
Vinyl Chloride	2	µg/L	< 0.9 U	< 0.9 U	< 0.90 U	< 1 U	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden						
		Location ID	MW-11S						
		Sample Name	828103-MW11S01209	828103-MW11S0917	828103-MW11S010	828103-MW11S010	828103-MW11S010	828103-MW-11S-09262023	828103-MW-11S-20240924
		Parent Sample							
		Sample Date	5/26/2009	5/23/2017	11/27/2018	7/14/2020	5/26/2022	9/26/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**						
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.4 U	< 0.82 U	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.36 U	< 0.38 U	< 0.38 U	< 0.38 U	< 1 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.47 U	< 0.29 U	< 0.29 U	< 0.29 U	< 1 UJ	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 2.8 U	< 3 U	< 3 U	< 3.0 U	NA	< 3.1 U	**276**
Benzene	1	µg/L	< 0.32 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 0.36 U	< 0.39 U	< 0.39 U	< 0.39 U	< 1 UJ	< 0.45 U	< 0.45 U
Carbon Disulfide	60	µg/L	< 0.54 U	< 0.19 U	< 0.19 U	< 0.19 U	< 1 UJ	< 1.8 U	< 1.8 U
Chloroform	7	µg/L	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.35 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1 UJ	< 0.51 U	< 0.51 U
Ethylbenzene	5	µg/L	< 0.53 U	< 0.74 U	< 0.74 U	< 0.74 U	NA	< 0.6 U	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	NA	< 2.7 U	10.9
Tetrachloroethylene (PCE)	5	µg/L	< 0.27 UJ	< 0.36 U	< 0.36 U	< 0.36 U	< 1 UJ	< 0.56 U	< 0.56 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.41 U	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	< 0.28 U	< 0.46 U	< 0.46 U	< 0.46 U	< 1 UJ	< 0.53 U	< 0.53 U
Vinyl Chloride	2	µg/L	< 0.34 U	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden							
		Location ID	MW-12S							
		Sample Name	828103-MW12S01009	828103-MW12S1117	828103-MW12S010	828103-MW12S010	828103-MW12S010D	828103-MW12S010	828103-MW-12S-09262023	828103-MW-12S-20240924
		Parent Sample					828103-MW12S010_07_15_2020			
		Sample Date	5/25/2009	5/23/2017	11/27/2018	7/15/2020	7/15/2020	5/26/2022	9/26/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**							
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.4 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.36 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 1 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.47 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 1 UJ	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 2.8 U	< 3 U	< 3 U	< 3.0 U	< 3.0 U	NA	< 3.1 U	**87.1**
Benzene	1	µg/L	< 0.32 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 0.36 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 1 UJ	< 0.45 U	< 0.45 U
Carbon Disulfide	60	µg/L	< 0.54 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 1 UJ	< 1.8 U	< 1.8 U
Chloroform	7	µg/L	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.35 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1 UJ	< 0.51 U	< 0.51 U
Ethylbenzene	5	µg/L	< 0.53 U	< 0.74 U	< 0.74 U	< 0.74 U	< 0.74 U	NA	< 0.6 U	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	NA	< 2.7 U	< 2.7 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.27 UJ	< 0.36 U	< 0.36 U	< 0.36 U	< 0.36 U	< 1 UJ	< 0.56 U	< 0.56 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.41 U	< 0.9 U	< 0.9 U	< 0.90 U	< 0.90 U	< 1 UJ	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	< 0.28 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 1 UJ	< 0.53 U	< 0.53 U
Vinyl Chloride	2	µg/L	< 0.34 U	< 0.9 U	< 0.9 U	< 0.90 U	< 0.90 U	< 1 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden					
		Location ID	MW-15S					
		Sample Name	828103-MW15S1017	828103-MW15S010	828103-MW15S010	828103-MW15S010	828103-MW-15S-09252023	828103-MW-15S-20240924
		Parent Sample						
		Sample Date	5/22/2017	11/28/2018	7/15/2020	5/24/2022	9/25/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 8.2 U	< 1.6 U	< 1.6 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 3.8 U	< 0.76 U	< 0.76 U	< 1 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 2.9 U	< 0.58 U	< 0.58 U	< 1 UJ	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 30 U	< 6 U	< 6.0 U	NA	3.9 J	**157**
Benzene	1	µg/L	< 4.1 U	< 0.82 U	< 0.82 U	NA	< 0.43 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 3.9 U	< 0.78 U	< 0.78 U	< 1 UJ	< 0.45 U	< 0.45 U
Carbon Disulfide	60	µg/L	< 1.9 U	< 0.38 U	< 0.38 U	< 1 UJ	< 1.8 U	< 1.8 U
Chloroform	7	µg/L	< 3.4 U	< 0.68 U	< 0.68 U	< 1 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	**13**	**19**	3.3	2.5 J	2.5	2.3
Ethylbenzene	5	µg/L	< 7.4 U	< 1.5 U	< 1.5 U	NA	< 0.6 U	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 13 U	< 2.6 U	< 2.6 U	NA	< 2.7 U	< 2.7 U
Tetrachloroethylene (PCE)	5	µg/L	**240**	**100**	**150**	**100 J**	**150**	**43.8**
Trans-1,2-Dichloroethene	5	µg/L	< 9 U	< 1.8 U	< 1.8 U	< 1 UJ	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	**100**	**52**	**82**	**45 J**	**83.3**	**70.8**
Vinyl Chloride	2	µg/L	< 9 U	< 1.8 U	< 1.8 U	< 1 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden					
		Location ID	MW-16S					
		Sample Name	828103-MW16S1017	828103-MW16S010	828103-MW16S010	828103-MW16S010	828103-MW-16S-09272023	828103-MW-16S-20240925
		Parent Sample						
		Sample Date	5/22/2017	11/29/2018	7/17/2020	5/24/2022	9/27/2023	9/25/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.82 U	< 6.6 U	< 6.6 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.38 U	< 3 U	< 3.0 U	< 1 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.29 U	< 2.3 U	< 2.3 U	< 1 UJ	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 3 U	< 24 U	< 24 U	NA	< 3.1 U	**243**
Benzene	1	µg/L	< 0.41 U	< 3.3 U	< 3.3 U	NA	< 0.43 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 0.39 U	< 3.1 U	< 3.1 U	< 1 UJ	< 0.45 U	< 0.45 U
Carbon Disulfide	60	µg/L	0.44 J	< 1.5 U	< 1.5 U	< 1 UJ	< 1.8 U	< 1.8 U
Chloroform	7	µg/L	< 0.34 U	< 2.7 U	< 2.7 U	< 1 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	1.6	**10**	< 6.5 U	4 J	**26.8**	**20**
Ethylbenzene	5	µg/L	< 0.74 U	< 5.9 U	< 5.9 U	NA	< 0.6 U	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 11 U	< 11 U	NA	< 2.7 U	< 2.7 U
Tetrachloroethylene (PCE)	5	µg/L	**6.7**	**34**	**23**	**19 J**	**24.5**	**9.7**
Trans-1,2-Dichloroethene	5	µg/L	< 0.9 U	< 7.2 U	< 7.2 U	< 1 UJ	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	**33**	**350**	**220**	**160 J**	**199**	**178**
Vinyl Chloride	2	µg/L	< 0.9 U	< 7.2 U	< 7.2 U	< 1 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden					
		Location ID	MW-17S					
		Sample Name	828103-MW17S1017	828103-MW17S010	828103-MW17S010	828103-MW17S010	828103-MW-17S-09272023	828103-MW-17S-20240924
		Parent Sample						
		Sample Date	5/23/2017	11/29/2018	7/17/2020	5/25/2022	9/27/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 3.3 U	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 1.5 U	< 0.38 U	< 0.38 U	< 1 U	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 1.2 U	< 0.29 U	< 0.29 U	< 1 U	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 12 U	< 3 U	< 3.0 U	NA	< 3.1 U	**88.5**
Benzene	1	µg/L	< 1.6 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 1.6 U	< 0.39 U	< 0.39 U	< 1 U	< 0.45 U	< 0.45 U
Carbon Disulfide	60	µg/L	< 0.76 U	< 0.19 U	< 0.19 U	< 1 U	< 1.8 U	< 1.8 U
Chloroform	7	µg/L	< 1.4 U	< 0.34 U	< 0.34 U	< 1 U	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 3.2 U	< 0.81 U	< 0.81 U	< 1 U	1.9	1.4
Ethylbenzene	5	µg/L	< 3 U	< 0.74 U	< 0.74 U	NA	< 0.6 U	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5.3 U	< 1.3 U	< 1.3 U	NA	< 2.7 U	< 2.7 U
Tetrachloroethylene (PCE)	5	µg/L	**130**	**32**	**25**	**33**	**114**	**42.7**
Trans-1,2-Dichloroethene	5	µg/L	< 3.6 U	< 0.9 U	< 0.90 U	< 1 U	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	**110**	**18**	**12**	**13**	**118**	**91.9**
Vinyl Chloride	2	µg/L	< 3.6 U	< 0.9 U	< 0.90 U	< 1 U	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden					
		Location ID	MW-18S					
		Sample Name	828103-MW18S1017	828103-MW18S010	828103-MW18S010	828103-MW18S010	828103-MW-18S-09272023	828103-MW-18S-20240925
		Parent Sample						
		Sample Date	5/22/2017	11/29/2018	7/16/2020	5/25/2022	9/27/2023	9/25/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**		**VOC Method SW8260**				
1,1,1-Trichloroethane (TCA)	5	µg/L	< 8.2 U	< 4.1 U	< 4.1 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 3.8 U	< 1.9 U	< 1.9 U	< 2.5 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 2.9 U	< 1.5 U	< 1.5 U	< 2.5 UJ	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 30 U	< 15 U	< 15 U	NA	< 3.1 U	**212**
Benzene	1	µg/L	< 4.1 U	< 2.1 U	< 2.1 U	NA	< 0.43 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 3.9 U	< 2 U	< 2.0 U	< 2.5 UJ	< 0.45 U	< 0.45 U
Carbon Disulfide	60	µg/L	< 1.9 U	< 0.95 U	< 0.95 U	< 2.5 UJ	< 1.8 U	< 1.8 U
Chloroform	7	µg/L	< 3.4 U	< 1.7 U	< 1.7 U	< 2.5 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	**200**	**92**	**140**	**89 J**	**99.3**	**93.1**
Ethylbenzene	5	µg/L	< 7.4 U	< 3.7 U	< 3.7 U	NA	< 0.6 U	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 13 U	< 6.6 U	< 6.6 U	NA	< 2.7 U	3.4 J
Tetrachloroethylene (PCE)	5	µg/L	**280**	**320 J**	**220**	**250 J**	**172**	**131**
Trans-1,2-Dichloroethene	5	µg/L	< 9 U	< 4.5 U	< 4.5 U	0.71 J	0.74 J	0.57 J
Trichloroethylene (TCE)	5	µg/L	**51**	**57**	**59**	**45 J**	**53.2**	**68.6**
Vinyl Chloride	2	µg/L	< 9 U	< 4.5 U	< 4.5 U	< 2.5 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden					
		Location ID	MW-19S					
		Sample Name	828103-MW19S1017	828103-MW19S010	828103-MW19S010	828103-MW19S010	828103-MW-19S-09252023	828103-MW-19S-20240925
		Parent Sample						
		Sample Date	5/23/2017	11/30/2018	7/17/2020	5/24/2022	9/25/2023	9/25/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 41 U	< 3.3 U	< 3.3 U	NA	< 0.54 U	< 2.7 U
1,1-Dichloroethane	5	µg/L	< 19 U	< 1.5 U	< 1.5 U	< 10 UJ	< 0.57 U	< 2.8 U
1,1-Dichloroethene	5	µg/L	< 15 U	< 1.2 U	< 1.2 U	< 10 UJ	< 0.59 U	< 3 U
Acetone	50	µg/L	< 150 U	< 12 U	< 12 U	NA	< 3.1 U	**193**
Benzene	1	µg/L	< 21 U	< 1.6 U	< 1.6 U	NA	< 0.43 U	< 2.1 U
Bromodichloromethane	50	µg/L	< 20 U	< 1.6 U	< 1.6 U	< 10 UJ	< 0.45 U	< 2.3 U
Carbon Disulfide	60	µg/L	< 9.5 U	< 0.76 U	< 0.76 U	< 10 UJ	< 1.8 U	< 9 U
Chloroform	7	µg/L	< 17 U	< 1.4 U	< 1.4 U	< 10 UJ	< 0.5 U	< 2.5 U
Cis-1,2-Dichloroethylene	5	µg/L	**2,000**	**240**	**1,300**	**1,400 J**	**1,030**	**1230**
Ethylbenzene	5	µg/L	< 37 U	< 3 U	< 3.0 U	NA	< 0.6 U	< 3 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 66 U	< 5.3 U	< 5.3 U	NA	< 2.7 U	< 14 U
Tetrachloroethylene (PCE)	5	µg/L	< 18 U	**34**	**110**	**400 J**	**360**	**261**
Trans-1,2-Dichloroethene	5	µg/L	< 45 U	< 3.6 U	**8.9**	**13 J**	**14.8**	**14.4**
Trichloroethylene (TCE)	5	µg/L	< 23 U	**35**	**120**	**110 J**	**112**	**116**
Vinyl Chloride	2	µg/L	**510**	**81**	**28**	**3.5 J**	**23.3**	**7.5**

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden					
		Location ID	MW-20S					
		Sample Name	828103-MW20S1017	828103-MW20S010	828103-MW20S010	828103-MW20S010	828103-MW-20S-09252023	828103-MW-20S-20240925
		Parent Sample						
		Sample Date	5/25/2017	11/29/2018	7/17/2020	5/24/2022	9/25/2023	9/25/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 410 U	< 330 U	< 66 U	NA	< 54 U	< 11 U
1,1-Dichloroethane	5	µg/L	< 190 U	< 150 U	< 30 U	< 100 UJ	< 57 U	< 11 U
1,1-Dichloroethene	5	µg/L	< 150 U	< 120 U	< 23 U	< 100 UJ	< 59 U	< 12 U
Acetone	50	µg/L	< 1500 U	< 1200 U	< 240 U	NA	< 310 U	**< 61 U**
Benzene	1	µg/L	< 210 U	< 160 U	< 33 U	NA	< 43 U	< 8.5 U
Bromodichloromethane	50	µg/L	< 200 U	< 160 U	< 31 U	33 J	< 45 U	< 9 U
Carbon Disulfide	60	µg/L	< 95 U	< 76 U	< 15 U	< 100 UJ	< 180 U	< 36 U
Chloroform	7	µg/L	< 170 U	< 140 U	< 27 U	**90 J**	< 50 U	< 10 U
Cis-1,2-Dichloroethylene	5	µg/L	< 410 U	< 320 U	< 65 U	< 100 UJ	**54.2 J**	**14.1 J**
Ethylbenzene	5	µg/L	< 370 U	< 300 U	< 59 U	NA	< 60 U	< 12 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 660 U	< 530 U	< 110 U	NA	< 270 U	< 55 U
Tetrachloroethylene (PCE)	5	µg/L	**15,000**	**17,000**	**4,200**	**17,000 J**	**37,100**	**3,910**
Trans-1,2-Dichloroethene	5	µg/L	< 450 U	< 360 U	< 72 U	< 100 UJ	< 54 U	< 11 U
Trichloroethylene (TCE)	5	µg/L	**450 J**	**450**	**84**	**210 J**	**592**	**228**
Vinyl Chloride	2	µg/L	< 450 U	< 360 U	< 72 U	< 100 UJ	< 52 U	< 10 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden					
		Location ID	MW-21S					
		Sample Name	828103-MW21S1017	828103-MW21S010	828103-MW21S010	828103-MW21S010	828103-MW-21S-09272023	828103-MW-21S-20240924
		Parent Sample						
		Sample Date	5/23/2017	11/29/2018	7/16/2020	5/24/2022	9/27/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 16 U	< 16 U	< 6.6 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 7.6 U	< 7.6 U	< 3.0 U	< 10 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 5.8 U	< 5.8 U	< 2.3 U	< 10 UJ	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 60 U	< 60 U	< 24 U	NA	< 3.1 U	**161**
Benzene	1	µg/L	< 8.2 U	< 8.2 U	< 3.3 U	NA	0.52	0.51
Bromodichloromethane	50	µg/L	< 7.8 U	< 7.8 U	< 3.1 U	< 10 UJ	< 0.45 U	< 0.45 U
Carbon Disulfide	60	µg/L	< 3.8 U	< 3.8 U	< 1.5 U	< 10 UJ	< 1.8 U	< 1.8 U
Chloroform	7	µg/L	< 6.8 U	< 6.8 U	< 2.7 U	< 10 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	**160**	**41**	**10**	**6.1 J**	< 0.51 U	1.9
Ethylbenzene	5	µg/L	< 15 U	< 15 U	< 5.9 U	NA	0.67 J	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 26 U	< 26 U	< 11 U	NA	< 2.7 U	< 2.7 U
Tetrachloroethylene (PCE)	5	µg/L	< 7.2 U	< 7.2 U	< 2.9 U	**6.2 J**	0.95 J	3.8
Trans-1,2-Dichloroethene	5	µg/L	< 18 U	< 18 U	< 7.2 U	3 J	2.4	2.6
Trichloroethylene (TCE)	5	µg/L	< 9.2 U	< 9.2 U	< 3.7 U	**7.7 J**	1.2	4.7
Vinyl Chloride	2	µg/L	< 18 U	**59**	< 7.2 U	< 10 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1a. Historical Concentrations of VOCs in Overburden SMP Wells

		Sample Depth	Overburden				Overburden			
		Location ID	PZ-22S				PZ-24S			
		Sample Name	828103-PZ22S010	828103-PZ22S010	828103-PZ-22S-09262023	828103-P2-22S-20240924	828103-PZ24S010	828103-PZ24S010	828103-PZ-24S010	828103-PZ-24S-09262023
		Parent Sample Sample Date	11/30/2018	7/15/2020	9/26/2023	9/24/2024	11/30/2018	7/14/2020	5/25/2022	9/26/2023
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**				**VOC Method SW8260**			
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.82 U	< 0.82 U	< 0.54 U	< 0.54 U	< 3.3 U	< 0.82 U	NA	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.38 U	< 0.38 U	< 0.57 U	< 0.57 U	< 1.5 U	< 0.38 U	< 1 UJ	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.29 U	< 0.29 U	< 0.59 U	< 0.59 U	< 1.2 U	< 0.29 U	< 1 UJ	< 0.59 U
Acetone	50	µg/L	< 3 U	< 3.0 U	< 3.1 U	< 3.1 U	20 J	< 3.0 U	NA	< 3.1 U
Benzene	1	µg/L	< 0.41 U	< 0.41 U	< 0.43 U	< 0.43 U	< 1.6 U	< 0.41 U	NA	< 0.43 U
Bromodichloromethane	50	µg/L	< 0.39 U	< 0.39 U	< 0.45 U	< 0.45 U	< 1.6 U	< 0.39 U	< 1 UJ	< 0.45 U
Carbon Disulfide	60	µg/L	< 0.19 U	< 0.19 U	< 1.8 U	< 1.8 U	< 0.76 U	< 0.19 U	< 1 UJ	< 1.8 U
Chloroform	7	µg/L	1.9	< 0.34 U	< 0.5 U	< 0.5 U	< 1.4 U	< 0.34 U	< 1 UJ	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.81 U	< 0.81 U	< 0.51 U	< 0.51 U	< 3.2 U	< 0.81 U	< 1 UJ	< 0.51 U
Ethylbenzene	5	µg/L	< 0.74 U	< 0.74 U	< 0.6 U	< 0.6 U	< 3 U	< 0.74 U	NA	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 2.7 U	< 2.7 U	< 5.3 U	< 1.3 U	NA	< 2.7 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.36 U	< 0.36 U	< 0.56 U	< 0.56 U	< 1.4 U	< 0.36 U	< 1 UJ	< 0.56 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.9 U	< 0.90 U	< 0.54 U	< 0.54 U	< 3.6 U	< 0.90 U	< 1 UJ	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	< 0.46 U	< 0.46 U	< 0.53 U	< 0.53 U	< 1.8 U	< 0.46 U	< 1 UJ	< 0.53 U
Vinyl Chloride	2	µg/L	< 0.9 U	< 0.90 U	< 0.52 U	< 0.52 U	< 3.6 U	< 0.90 U	< 1 UJ	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

		Sample Depth	
		Location ID	
		Sample Name	828103-P2-24S-20240924
		Parent Sample	
		Sample Date	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.59 U
Acetone	50	µg/L	42.8
Benzene	1	µg/L	< 0.43 U
Bromodichloromethane	50	µg/L	< 0.45 U
Carbon Disulfide	60	µg/L	< 1.8 U
Chloroform	7	µg/L	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.51 U
Ethylbenzene	5	µg/L	< 0.6 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 2.7 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.56 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	< 0.53 U
Vinyl Chloride	2	µg/L	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1b. Historical Concentrations of VOCs in Overburden/Bedrock Interface SMP Wells

		Sample Depth	Overburden/Bedrock Interface								
		Location ID	MW-04								
		Sample Name	828103-MW0401809	828103-MW041717	828103-MW04020	828103-MW040020	828103-MW04020	828103-MW-04-09262023	828103-DUP-02-09262023	828103-MW-04-20240924	828103-DUP-2-20240924
		Parent Sample							828103-MW-04_20230926		828103-MW-04-20240924
		Sample Date	5/25/2009	5/23/2017	11/27/2018	7/15/2020	5/26/2022	9/26/2023	9/26/2023	9/24/2024	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**									
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.4 U	< 0.82 U	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.36 U	< 0.38 U	< 0.38 U	< 0.38 U	< 1 UJ	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Acetone	50	µg/L	< 2.8 U	< 3 U	< 3 U	< 3.0 U	NA	< 3.1 U	< 3.1 U	**72**	**72.2**
Benzene	1	µg/L	< 0.32 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U	< 0.43 U	< 0.43 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.35 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1 UJ	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	NA	< 2.7 U	< 2.7 U	4.7 J	5.1 J
Methylene Chloride	5	µg/L	0.52 J	< 0.44 U	< 0.44 U	< 0.44 U	NA	< 1 U	< 1 U	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	1.3	0.35 J	0.39 J	0.22 J	0.22 J	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.27 U	< 0.36 U	< 0.36 U	< 0.36 U	< 1 UJ	< 0.56 U	< 0.56 U	< 0.56 U	< 0.56 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.41 U	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	< 0.28 U	< 0.46 U	< 0.46 U	< 0.46 U	< 1 UJ	< 0.53 U	< 0.53 U	< 0.53 U	< 0.53 U
Vinyl Chloride	2	µg/L	< 0.34 U	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U

Notes:

(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).

This table shows detected analytes only.

µg/L = Microgram(s) per liter

AWQS = Ambient water quality standards

ID = Identification

J = Concentration is estimated

NA = Not analyzed

NYSCRR = New York Codes, Rules and Regulations

NYSDEC = New York State Department of Environmental Conservation

TOGS = Technical and Operational Guidance Series

U = Analyte not detected

VOC = Volatile organic compound

Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1b. Historical Concentrations of VOCs in Overburden/Bedrock Interface SMP Wells

		Sample Depth	Overburden/Bedrock Interface						
		Location ID	MW-05						
		Sample Name	828103-MW0501809	828103-MW051717	828103-MW05020	828103-MW050020	828103-MW05020	828103-MW-05-09262023	828103-MW-05-20240924
		Parent Sample							
		Sample Date	5/25/2009	5/24/2017	11/28/2018	7/14/2020	5/26/2022	9/26/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**							
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.4 U	< 0.82 U	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.36 U	< 0.38 U	< 0.38 U	< 0.38 U	< 1 UJ	< 0.57 U	< 0.57 U
Acetone	50	µg/L	< 2.8 U	< 3 U	< 3 U	< 3.0 U	NA	< 3.1 U	**72.4**
Benzene	1	µg/L	< 0.32 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.35 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1 UJ	< 0.51 U	< 0.51 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	NA	< 2.7 U	2.8 J
Methylene Chloride	5	µg/L	< 0.41 U	< 0.44 U	< 0.44 U	< 0.44 U	NA	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.35 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1 UJ	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.27 UJ	0.4 J	< 0.36 U	< 0.36 U	< 1 UJ	< 0.56 U	< 0.56 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.41 U	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	4.6	< 0.46 U	< 0.46 U	< 0.46 U	< 1 UJ	< 0.53 U	< 0.53 U
Vinyl Chloride	2	µg/L	< 0.34 U	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.52 U	< 0.52 U

Notes:

(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).

This table shows detected analytes only.

µg/L = Microgram(s) per liter

AWQS = Ambient water quality standards

ID = Identification

J = Concentration is estimated

NA = Not analyzed

NYSCRR = New York Codes, Rules and Regulations

NYSDEC = New York State Department of Environmental Conservation

TOGS = Technical and Operational Guidance Series

U = Analyte not detected

VOC = Volatile organic compound

Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1b. Historical Concentrations of VOCs in Overburden/Bedrock Interface SMP Wells

		Sample Depth	Overburden/Bedrock Interface							
		Location ID	MW-06							
		Sample Name	828103-MW0601609	828103-MW06016	828103-MW061317	828103-MW06018	828103-MW06018	828103-MW06018	828103-MW-06-09262023	828103-MW-06-20240924
		Parent Sample								
		Sample Date	5/25/2009	7/10/2012	5/24/2017	11/28/2018	7/14/2020	5/25/2022	9/26/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**								
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.4 U	0.47 J	< 0.82 U	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.36 U	1	< 0.38 U	< 0.38 U	< 0.38 U	< 1 U	< 0.57 U	< 0.57 U
Acetone	50	µg/L	< 2.8 U	< 0.98 UJ	< 3 U	< 3 U	< 3.0 U	NA	< 3.1 U	32
Benzene	1	µg/L	< 0.32 U	0.69 J	< 0.41 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Cis-1,2-Dichloroethylene	5	µg/L	**13**	**38**	2.5	2.7	**12**	0.76 J	**7.2**	0.64 J
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 0.51 UJ	< 1.3 U	< 1.3 U	< 1.3 U	NA	< 2.7 U	< 2.7 U
Methylene Chloride	5	µg/L	< 0.41 U	< 0.22 U	< 0.44 U	< 0.44 U	< 0.44 U	NA	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.35 U	< 0.2 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1 U	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.27 U	**11**	1.3	2.4	2.5	< 1 U	< 0.56 U	< 0.56 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.41 U	0.86 J	< 0.9 U	< 0.9 U	< 0.90 U	< 1 U	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	4.6	**15**	1.3	1.6	**5.1**	0.57 J	3.8	< 0.53 U
Vinyl Chloride	2	µg/L	0.59 J	**4**	< 0.9 U	< 0.9 U	0.95 J	< 1 U	< 0.52 U	< 0.52 U

Notes:

(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).

This table shows detected analytes only.

µg/L = Microgram(s) per liter

AWQS = Ambient water quality standards

ID = Identification

J = Concentration is estimated

NA = Not analyzed

NYSCRR = New York Codes, Rules and Regulations

NYSDEC = New York State Department of Environmental Conservation

TOGS = Technical and Operational Guidance Series

U = Analyte not detected

VOC = Volatile organic compound

Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface						
		Location ID	GWE-1	GWE-2					
		Sample Name	828103-GWE01019	828103-GWE02022	828103-GWE2021	828103-GWE2021	828103-GWE2021	828103-GWE-2-09262023	828103-GWE-2-20240926
		Parent Sample							
		Sample Date	7/10/2012	7/10/2012	2/13/2019	7/16/2020	5/26/2022	9/26/2023	9/26/2024
Analyte	NYSDEC AWQS[a]	Unit							
1,1,1-Trichloroethane (TCA)	5	µg/L	4.3 J	< 0.23 U	< 3.3 U	< 3.3 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	**20**	2	4.8	4.8	**5.3 J**	**5.8**	**8.5**
1,1-Dichloroethene	5	µg/L	**14**	1.2	< 1.2 U	2 J	0.94 J	1.3	2
Acetone	50	µg/L	< 9.8 U	2.5 J	< 12 U	< 12 U	NA	< 3.1 U	< 3.1 U
Benzene	1	µg/L	< 2.1 U	< 0.21 U	< 1.6 U	< 1.6 U	NA	< 0.43 U	< 0.43 U
Chloroethane	5	µg/L	< 3.1 U	< 0.31 U	< 1.3 U	< 1.3 U	NA	< 0.73 U	< 0.73 U
Chloroform	7	µg/L	< 2.2 U	< 0.22 U	< 1.4 U	< 1.4 U	< 1 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	**1,300**	**100**	**130**	**97**	**84 J**	**96.9**	**111**
Dichlorodifluoromethane	5	µg/L	< 5.7 U	< 0.56 U	< 2.7 U	< 2.7 U	NA	< 0.56 U	< 0.56 U
Ethylbenzene	5	µg/L	< 2 U	< 0.2 U	< 3 U	< 3.0 U	NA	< 0.6 U	< 0.6 U
Isopropylbenzene (Cumene)	5	µg/L	< 2 U	< 0.2 U	< 3.2 U	< 3.2 U	NA	< 0.65 U	< 0.65 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5.1 U	< 0.51 UJ	< 5.3 U	< 5.3 U	NA	< 2.7 U	< 2.7 U
Methylene Chloride	5	µg/L	< 2.2 U	< 0.22 U	< 1.8 U	< 1.8 U	NA	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 2 U	< 0.2 U	NA	NA	NA	< 0.59 U	< 0.59 U
Tert-Butyl Methyl Ether	10	µg/L	< 2 U	0.2 J	< 0.64 U	< 0.64 U	< 1 UJ	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	**1,900**	**160**	**91**	**110**	**45 J**	**74.8**	**29.2**
Toluene	5	µg/L	< 2 U	< 0.2 U	< 2 U	< 2.0 U	NA	< 0.49 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	**8.8 J**	0.97 J	< 3.6 U	< 3.6 U	1.1 J	**6.4**	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	**970**	**83**	**52**	**60**	**29 J**	**50.7**	**30.3**
Vinyl Chloride	2	µg/L	**110**	**6.1**	< 3.6 U	< 3.6 U	< 1 UJ	0.55 J	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface	Bedrock Interface					
		Location ID	MW-01A	MW-03A					
		Sample Name	828103-MW01A00709	828103-MW03A2217	828103-MW03A015	828103-MW03A015	828103-MW03A015	828103-MW-03A-09252023	828103-MW-03A-20240925
		Parent Sample							
		Sample Date	5/26/2009	5/25/2017	11/29/2018	7/16/2020	5/25/2022	9/25/2023	9/25/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**							
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.4 UJ	< 1.6 U	< 3.3 U	< 3.3 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.36 U	< 0.76 U	< 1.5 U	< 1.5 U	< 5 U	1	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.47 U	< 0.58 U	< 1.2 U	< 1.2 U	3.8 J	4	0.62 J
Acetone	50	µg/L	< 2.8 U	< 6 U	< 12 U	< 12 U	NA	< 3.1 U	**91.4**
Benzene	1	µg/L	< 0.32 U	< 0.82 U	< 1.6 U	< 1.6 U	NA	< 0.43 U	< 0.43 U
Chloroethane	5	µg/L	< 0.66 U	< 0.64 U	< 1.3 U	< 1.3 U	NA	< 0.73 U	1.9
Chloroform	7	µg/L	< 0.34 U	< 0.68 U	< 1.4 U	< 1.4 U	< 5 U	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	**310 D**	**55**	**160**	**310**	**750**	**877**	**186**
Dichlorodifluoromethane	5	µg/L	< 0.55 U	< 1.4 U	< 2.7 U	< 2.7 U	NA	< 0.56 U	< 0.56 U
Ethylbenzene	5	µg/L	< 0.53 U	< 1.5 U	< 3 U	< 3.0 U	NA	< 0.6 U	< 0.6 U
Isopropylbenzene (Cumene)	5	µg/L	< 0.45 U	< 1.6 U	< 3.2 U	< 3.2 U	NA	< 0.65 U	< 0.65 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 2.6 U	< 5.3 U	< 5.3 U	NA	< 2.7 U	2.9 J
Methylene Chloride	5	µg/L	< 0.41 U	< 0.88 U	< 1.8 U	< 1.8 U	NA	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.43 U	NA	NA	NA	NA	< 0.59 U	< 0.59 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.35 U	< 0.32 U	< 0.64 U	< 0.64 U	< 5 U	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	**44 D**	< 0.72 U	**8.4**	**24**	**880**	**704 J**	< 0.56 U
Toluene	5	µg/L	< 0.37 U	< 1 U	< 2 U	< 2.0 U	NA	< 0.49 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	2.3	< 1.8 U	< 3.6 U	< 3.6 U	**6.3**	**5.3**	2.4
Trichloroethylene (TCE)	5	µg/L	67 D	< 0.92 U	**15**	**19**	**420**	**350**	1.3
Vinyl Chloride	2	µg/L	**5.4 J**	**30**	**170**	**360**	**380**	**305**	**354**

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
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NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface						
		Location ID	MW-08K						
		Sample Name	828103-MW08K01709	828103-MW08K1417	828103-MW08K017	828103-MW08K	828103-MW08K017	828103-MW-08K-09252023	828103-MW-08K-20240924
		Parent Sample							
		Sample Date	5/26/2009	5/24/2017	11/27/2018	7/15/2020	5/26/2022	9/25/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**							
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.4 U	< 0.82 U	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.36 U	< 0.38 U	< 0.38 U	< 0.38 U	< 1 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.47 U	< 0.29 U	< 0.29 U	< 0.29 U	< 1 UJ	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 2.8 U	< 3 U	< 3 U	< 3.0 U	NA	< 3.1 U	**196**
Benzene	1	µg/L	< 0.32 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Chloroethane	5	µg/L	< 0.66 U	< 0.32 U	< 0.32 U	< 0.32 U	NA	< 0.73 U	< 0.73 U
Chloroform	7	µg/L	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.35 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1 UJ	< 0.51 U	< 0.51 U
Dichlorodifluoromethane	5	µg/L	< 0.55 U	< 0.68 UJ	< 0.68 UJ	< 0.68 U	NA	< 0.56 U	< 0.56 U
Ethylbenzene	5	µg/L	< 0.53 U	< 0.74 U	< 0.74 U	< 0.74 U	NA	< 0.6 U	< 0.6 U
Isopropylbenzene (Cumene)	5	µg/L	< 0.45 U	< 0.79 U	< 0.79 U	< 0.79 U	NA	< 0.65 U	< 0.65 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	NA	< 2.7 U	5 J
Methylene Chloride	5	µg/L	< 0.41 U	< 0.44 U	< 0.44 U	< 0.44 U	NA	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.43 U	NA	NA	NA	NA	< 0.59 U	< 0.59 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.35 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1 UJ	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.27 U	< 0.36 U	< 0.36 U	< 0.36 U	0.22 J	< 0.56 UJ	< 0.56 U
Toluene	5	µg/L	< 0.37 U	< 0.51 U	< 0.51 U	< 0.51 U	NA	< 0.49 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.41 U	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	< 0.28 U	< 0.46 U	< 0.46 U	< 0.46 U	< 1 UJ	< 0.53 U	< 0.53 U
Vinyl Chloride	2	µg/L	< 0.34 U	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface								
		Location ID	MW-09K								
		Sample Name	828103-MW09K01809	828103-MW09K1817	828103-MW09K018	828103-MW09K018D	828103-MW09K018	828103-MW09K018	828103-MW09K018D	828103-MW-09K-09262023	828103-MW-09K-20240924
		Parent Sample				828103-MW09K018_11_28_2018			828103-MW09K018_20220526		
		Sample Date	5/25/2009	5/24/2017	11/28/2018	11/28/2018	7/15/2020	5/26/2022	5/26/2022	9/26/2023	9/24/2024
Analyte	NYSDEC AWQS[(a)]	Unit									
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.4 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	NA	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.36 U	0.81 J	< 0.38 U	< 0.38 U	< 0.38 U	1.6 J	1.4 J	< 0.57 U	0.62 J
1,1-Dichloroethene	5	µg/L	< 0.47 U	0.33 J	< 0.29 U	< 0.29 U	< 0.29 U	0.52 J	0.58 J	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 2.8 U	< 3 U	< 3 U	< 3 U	< 3.0 U	NA	NA	< 3.1 U	**73.1**
Benzene	1	µg/L	< 0.32 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	NA	< 0.43 U	< 0.43 U
Chloroethane	5	µg/L	< 0.66 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	NA	NA	< 0.73 U	< 0.73 U
Chloroform	7	µg/L	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	< 2 UJ	< 2 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.35 U	**80**	**24**	**25**	**44**	**260 J**	**270 J**	**91.4**	**148**
Dichlorodifluoromethane	5	µg/L	< 0.55 U	< 0.68 UJ	< 0.68 UJ	< 0.68 UJ	< 0.68 U	NA	NA	< 0.56 U	< 0.56 U
Ethylbenzene	5	µg/L	< 0.53 U	< 0.74 U	< 0.74 U	< 0.74 U	< 0.74 U	NA	NA	< 0.6 U	< 0.6 U
Isopropylbenzene (Cumene)	5	µg/L	< 0.45 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	NA	NA	< 0.65 U	< 0.65 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	NA	NA	< 2.7 U	3.2 J
Methylene Chloride	5	µg/L	< 0.41 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	NA	NA	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.43 U	NA	NA	NA	NA	NA	NA	< 0.59 U	< 0.59 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.35 U	0.23 J	< 0.16 U	< 0.16 U	< 0.16 U	< 2 UJ	< 2 UJ	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.27 UJ	**26**	**10**	**11**	**14**	**69 J**	**69 J**	**27**	**35.8**
Toluene	5	µg/L	< 0.37 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.51 U	NA	NA	< 0.49 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.41 U	< 0.9 U	< 0.9 U	< 0.9 U	< 0.90 U	3.2 J	1.9 J	0.88 J	0.68 J
Trichloroethylene (TCE)	5	µg/L	1.9	**22**	**11**	**11**	**15**	**56 J**	**57 J**	**21.8**	**35.8**
Vinyl Chloride	2	µg/L	< 0.34 U	**12**	1.4	1.5	4.1	**46 J**	**46 J**	**10.3**	**22.2**

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface							
		Location ID	MW-10K							
		Sample Name	828103-MW10K01809	828103-MW10K018	828103-MW10K1717	828103-MW10K018	828103-MW10K018	828103-MW10K018	828103-MW-10K-09262023	828103-MW-10K-20240926
		Parent Sample								
		Sample Date	5/26/2009	7/11/2012	5/24/2017	11/28/2018	7/15/2020	5/25/2022	9/26/2023	9/26/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**								
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.4 U	< 1.2 U	< 16 U	< 8.2 U	< 8.2 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	3.9	4.1 J	< 7.6 U	< 3.8 U	**5.8 J**	2.2 J	1.7	1.1
1,1-Dichloroethene	5	µg/L	< 0.47 U	2 J	< 5.8 U	4.2 J	< 2.9 U	< 5 U	1.9	1.3
Acetone	50	µg/L	< 2.8 U	< 4.9 UJ	< 60 U	< 30 U	< 30 U	NA	< 3.1 U	< 3.1 U
Benzene	1	µg/L	0.61 J	< 1.1 U	< 8.2 U	< 4.1 U	< 4.1 U	NA	< 0.43 U	< 0.43 U
Chloroethane	5	µg/L	< 0.66 U	< 1.6 U	< 6.4 U	< 3.2 U	< 3.2 U	NA	< 0.73 UJ	< 0.73 U
Chloroform	7	µg/L	< 0.34 U	< 1.1 U	< 6.8 U	< 3.4 U	< 3.4 U	< 5 U	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	**100 D**	**190**	**150**	**740**	**260**	**100**	**163**	**89.3**
Dichlorodifluoromethane	5	µg/L	< 0.55 U	< 2.9 U	< 14 UJ	< 6.8 UJ	< 6.8 U	NA	< 0.56 U	< 0.56 U
Ethylbenzene	5	µg/L	< 0.53 U	< 1 U	< 15 U	< 7.4 U	< 7.4 U	NA	< 0.6 U	< 0.6 U
Isopropylbenzene (Cumene)	5	µg/L	< 0.45 U	< 1 U	< 16 U	< 7.9 U	< 7.9 U	NA	< 0.65 U	< 0.65 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 2.6 UJ	< 26 U	< 13 U	< 13 U	NA	< 2.7 U	< 2.7 U
Methylene Chloride	5	µg/L	< 0.41 U	< 1.1 U	< 8.8 U	< 4.4 U	< 4.4 U	NA	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.43 U	< 1 U	NA	NA	NA	NA	< 0.59 U	< 0.59 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.35 U	< 1 U	< 3.2 U	< 1.6 U	< 1.6 U	< 5 U	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	**39**	**77**	< 7.2 U	4.5 J	**67**	4.5 J	< 0.56 U	< 0.56 U
Toluene	5	µg/L	< 0.37 U	< 1 U	< 10 U	< 5.1 U	< 5.1 U	NA	< 0.49 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	1.6	2 J	< 18 U	< 9 U	< 9.0 U	< 5 U	2	1.7
Trichloroethylene (TCE)	5	µg/L	**410 D**	**490**	**920**	**270**	**490**	**580**	**496**	**562**
Vinyl Chloride	2	µg/L	**5.8**	**4.8 J**	< 18 U	< 9 U	< 9.0 U	< 5 U	0.64 J	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface							
		Location ID	MW-12K							
		Sample Name	828103-MW12K01609	828103-MW12K01609D	828103-MW12K1717	828103-MW12K018	828103-MW12K018	828103-MW12K018	828103-MW-12K-09262023	828103-MW-12K-20240924
		Parent Sample		828103-MW12K01609_05_26_2009						
		Sample Date	5/26/2009	5/26/2009	5/23/2017	11/27/2018	7/14/2020	5/26/2022	9/26/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**								
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.4 U	< 0.4 U	< 0.82 U	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U	< 0.38 U	< 1 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.47 U	< 0.47 U	< 0.29 U	< 0.29 U	< 0.29 U	< 1 UJ	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 2.8 U	< 2.8 U	< 3 U	< 3 U	< 3.0 U	NA	< 3.1 U	**139**
Benzene	1	µg/L	< 0.32 U	< 0.32 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Chloroethane	5	µg/L	< 0.66 U	< 0.66 U	< 0.32 U	< 0.32 U	< 0.32 U	NA	< 0.73 U	< 0.73 U
Chloroform	7	µg/L	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.35 U	< 0.35 U	< 0.81 U	< 0.81 U	< 0.81 U	< 1 UJ	< 0.51 U	< 0.51 U
Dichlorodifluoromethane	5	µg/L	< 0.55 U	< 0.55 U	< 0.68 UJ	< 0.68 UJ	< 0.68 U	NA	< 0.56 U	< 0.56 U
Ethylbenzene	5	µg/L	< 0.53 U	< 0.53 U	< 0.74 U	< 0.74 U	< 0.74 U	NA	< 0.6 U	< 0.6 U
Isopropylbenzene (Cumene)	5	µg/L	< 0.45 U	< 0.45 U	< 0.79 U	< 0.79 U	< 0.79 U	NA	< 0.65 U	< 0.65 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	NA	< 2.7 U	3.6 J
Methylene Chloride	5	µg/L	< 0.41 U	< 0.41 U	< 0.44 U	< 0.44 U	< 0.44 U	NA	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.43 U	< 0.43 U	NA	NA	NA	NA	< 0.59 U	< 0.59 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.35 U	< 0.35 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1 UJ	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.27 UJ	< 0.27 UJ	< 0.36 U	< 0.36 U	< 0.36 U	< 1 UJ	< 0.56 U	< 0.56 U
Toluene	5	µg/L	< 0.37 U	< 0.37 U	< 0.51 U	< 0.51 U	< 0.51 U	NA	< 0.49 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.41 U	< 0.41 U	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	**8.2**	**6.9**	**5.5**	**5.5**	4.2	3.6 J	**5.1**	**6.3**
Vinyl Chloride	2	µg/L	< 0.34 U	< 0.34 U	< 0.9 U	< 0.9 U	< 0.90 U	< 1 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
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NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface				
		Location ID	MW-13K				
		Sample Name	828103-MW13K01609	828103-MW13K016	828103-MW13K1917	828103-MW13K1917D	828103-MW13K018
		Parent Sample				828103-MW13K1917_05_25_2017	
		Sample Date	5/26/2009	7/9/2012	5/25/2017	5/25/2017	11/28/2018
Analyte	NYSDEC AWQS[a]	Unit					
1,1,1-Trichloroethane (TCA)	5	µg/L	**59 J**	**71 J**	< 330 U	< 330 U	< 100 U
1,1-Dichloroethane	5	µg/L	**47 J**	**34 J**	< 150 U	< 150 U	< 48 U
1,1-Dichloroethene	5	µg/L	**38 J**	< 29 U	< 120 U	< 120 U	< 36 U
Acetone	50	µg/L	< 2.8 U	< 98 U	< 1200 U	< 1200 U	< 380 U
Benzene	1	µg/L	< 0.32 U	< 21 U	< 160 U	< 160 U	< 51 U
Chloroethane	5	µg/L	< 0.66 U	< 31 U	< 130 U	< 130 U	< 40 U
Chloroform	7	µg/L	< 0.34 U	**63 J**	< 140 U	< 140 U	< 43 U
Cis-1,2-Dichloroethylene	5	µg/L	**1,100 D**	**3,000**	**3,100**	**3,300**	**2,800**
Dichlorodifluoromethane	5	µg/L	2.6 J	< 57 U	< 270 UJ	< 270 UJ	< 85 UJ
Ethylbenzene	5	µg/L	**7 J**	< 20 U	< 300 U	< 300 U	< 93 U
Isopropylbenzene (Cumene)	5	µg/L	4 J	< 20 U	< 320 U	< 320 U	< 99 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 51 U	< 530 U	< 530 U	< 170 U
Methylene Chloride	5	µg/L	< 0.41 U	< 22 U	< 180 U	< 180 U	< 55 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	**13 J**	< 20 U	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 0.35 U	< 20 U	< 64 U	< 64 U	< 20 U
Tetrachloroethylene (PCE)	5	µg/L	**5,800 D**	**18,000**	**10,000**	**12,000**	**7,500**
Toluene	5	µg/L	2 J	< 20 U	< 200 U	< 200 U	< 64 U
Trans-1,2-Dichloroethene	5	µg/L	**25 J**	< 20 U	< 360 U	< 360 U	< 110 U
Trichloroethylene (TCE)	5	µg/L	**1,300 D**	**3,200**	**2,200**	**2,400**	**2,200**
Vinyl Chloride	2	µg/L	**69 D**	**390**	**360 J**	< 360 U	**230**

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface					
		Location ID	MW-13K					
		Sample Name	828103-MW13K018	828103-MW13K018	828103-MW-13K-09252023	828103-DUP-01-09252023	828103-MW-13K-20240924	828103-DUP-1-20240924
		Parent Sample				828103-MW-13K-20230925		828103-MW-13K-20240924
		Sample Date	7/14/2020	5/24/2022	9/25/2023	9/25/2023	9/24/2024	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**						
1,1,1-Trichloroethane (TCA)	5	µg/L	< 100 U	NA	< 2.7 U	< 2.7 U	< 2.7 U	< 2.7 U
1,1-Dichloroethane	5	µg/L	< 48 U	< 10 UJ	4.2 J	3.5 J	< 2.8 U	< 2.8 U
1,1-Dichloroethene	5	µg/L	< 36 U	3 J	**6.9**	**5**	< 3 U	< 3 U
Acetone	50	µg/L	< 380 U	NA	< 15 U	< 15 U	32.3 J	35 J
Benzene	1	µg/L	< 51 U	NA	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U
Chloroethane	5	µg/L	< 40 U	NA	< 3.6 U	< 3.6 U	< 3.6 U	< 3.6 U
Chloroform	7	µg/L	< 43 U	< 10 UJ	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U
Cis-1,2-Dichloroethylene	5	µg/L	**3,100**	**1,500 J**	**2,170**	**1,730**	**578**	**582**
Dichlorodifluoromethane	5	µg/L	< 85 U	NA	< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U
Ethylbenzene	5	µg/L	< 93 U	NA	< 3 U	< 3 U	< 3 U	< 3 U
Isopropylbenzene (Cumene)	5	µg/L	< 99 U	NA	< 3.2 U	< 3.2 U	< 3.2 U	< 3.2 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 170 U	NA	< 14 U	< 14 U	< 14 U	< 14 U
Methylene Chloride	5	µg/L	< 55 U	NA	< 5 U	< 5 U	< 5 U	< 5 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	< 3 U	< 3 U	< 3 U	< 3 U
Tert-Butyl Methyl Ether	10	µg/L	< 20 U	< 10 UJ	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U
Tetrachloroethylene (PCE)	5	µg/L	**4,300**	**1,400 J**	**1,350**	**1,290 J**	**950**	**939**
Toluene	5	µg/L	< 64 U	NA	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U
Trans-1,2-Dichloroethene	5	µg/L	< 110 U	**11 J**	**14.9**	**11.7**	**17**	**11.7**
Trichloroethylene (TCE)	5	µg/L	**1,500**	**560 J**	**556**	**451**	**370**	**363**
Vinyl Chloride	2	µg/L	**410**	**290 J**	**539**	**356**	**103**	**104**

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
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NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface								
		Location ID	MW-14KA								
		Sample Name	828103-MW14KA2217	828103-MW14KA022	828103-MW14KA022D	828103-MW14KA022	828103-MW14KA022D	828103-MW14KA022	828103-MW14KA022D	828103-MW-14KA-09252023	828103-MW-14KA-20240925
		Parent Sample			828103-MW14KA022_11_29_2018		828103-MW14KA022_07_17_2020		828103-MW14KA022_20220525		
		Sample Date	5/23/2017	11/29/2018	11/29/2018	7/17/2020	7/17/2020	5/25/2022	5/25/2022	9/25/2023	9/25/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**									
1,1,1-Trichloroethane (TCA)	5	µg/L	< 330 U	< 100 U	< 100 U	< 100 U	< 100 U	NA	NA	< 5.4 U	< 11 U
1,1-Dichloroethane	5	µg/L	< 150 U	< 48 U	< 48 U	< 48 U	< 48 U	< 25 U	< 25 U	< 5.7 U	< 11 U
1,1-Dichloroethene	5	µg/L	< 120 U	< 36 U	< 36 U	< 36 U	< 36 U	< 25 U	< 25 U	**8.9 J**	**14.3 J**
Acetone	50	µg/L	< 1200 U	< 380 U	< 380 U	< 380 U	< 380 U	NA	NA	< 31 U	< 61 U
Benzene	1	µg/L	< 160 U	< 51 U	< 51 U	< 51 U	< 51 U	NA	NA	< 4.3 U	< 8.5 U
Chloroethane	5	µg/L	< 130 U	< 40 U	< 40 U	< 40 U	< 40 U	NA	NA	< 7.3 U	< 15 U
Chloroform	7	µg/L	< 140 U	< 43 U	< 43 U	< 43 U	< 43 U	< 25 U	**8 J**	< 5 U	< 10 U
Cis-1,2-Dichloroethylene	5	µg/L	**8,600**	**5,600**	**5,400**	**3,300**	**3,200**	**2,800**	**3,400**	**2,800**	**3,700**
Dichlorodifluoromethane	5	µg/L	< 270 UJ	< 85 U	< 85 U	< 85 U	< 85 U	NA	NA	< 5.6 U	< 11 U
Ethylbenzene	5	µg/L	< 300 U	< 93 U	< 93 U	< 93 U	< 93 U	NA	NA	< 6 U	< 12 U
Isopropylbenzene (Cumene)	5	µg/L	< 320 U	< 99 U	< 99 U	< 99 U	< 99 U	NA	NA	< 6.5 U	< 13 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 530 U	< 170 U	< 170 U	< 170 U	< 170 U	NA	NA	< 27 U	< 55 U
Methylene Chloride	5	µg/L	< 180 U	< 55 U	< 55 U	< 55 U	< 55 U	NA	NA	< 10 U	< 20 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	< 5.9 U	< 12 U
Tert-Butyl Methyl Ether	10	µg/L	< 64 U	< 20 U	< 20 U	< 20 U	< 20 U	< 25 U	< 25 U	< 5.1 U	< 10 U
Tetrachloroethylene (PCE)	5	µg/L	**2,500**	**3,500**	**3,400**	**1,700**	**1,600**	**1,300**	**1,600**	**1,600 J**	**492**
Toluene	5	µg/L	< 200 U	< 64 U	< 64 U	< 64 U	< 64 U	NA	NA	< 4.9 U	< 9.8 U
Trans-1,2-Dichloroethene	5	µg/L	< 360 U	< 110 U	< 110 U	< 110 U	< 110 U	**18 J**	**20 J**	**13.5**	**28.2**
Trichloroethylene (TCE)	5	µg/L	**8,900**	**6,200**	**5,800**	**3,700**	**3,900**	**2,300**	**3,300**	**3,170**	**3,280**
Vinyl Chloride	2	µg/L	< 360 U	**200**	**190**	**110 J**	**110 J**	**180**	**200**	**130**	**102**

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface					
		Location ID	MW-15K					
		Sample Name	828103-MW15K2317	828103-MW15K022	828103-MW15K022	828103-MW15K022	828103-MW-15K-09252023	828103-MW-15K-20240924
		Parent Sample						
		Sample Date	5/22/2017	11/28/2018	7/15/2020	5/24/2022	9/25/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**						
1,1,1-Trichloroethane (TCA)	5	µg/L	< 16 U	< 16 U	< 16 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	**13 J**	**11 J**	**12 J**	**5.6 J**	**8.7**	2.9
1,1-Dichloroethene	5	µg/L	**13 J**	**11 J**	**11 J**	**6 J**	**11.9**	**6.3**
Acetone	50	µg/L	< 60 U	< 60 UJ	< 60 U	NA	< 3.1 U	**224**
Benzene	1	µg/L	< 8.2 U	< 8.2 U	< 8.2 U	NA	0.59	0.47 J
Chloroethane	5	µg/L	< 6.4 U	< 6.4 U	< 6.4 U	NA	< 0.73 UJ	< 0.73 U
Chloroform	7	µg/L	< 6.8 U	< 6.8 U	< 6.8 U	< 2.5 UJ	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	**390**	**270**	**280**	**190 J**	**231**	**252**
Dichlorodifluoromethane	5	µg/L	< 14 UJ	< 14 U	< 14 U	NA	< 0.56 U	< 0.56 U
Ethylbenzene	5	µg/L	< 15 U	< 15 U	< 15 U	NA	< 0.6 U	< 0.6 U
Isopropylbenzene (Cumene)	5	µg/L	< 16 U	< 16 U	< 16 U	NA	< 0.65 U	< 0.65 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 26 U	< 26 U	< 26 U	NA	< 2.7 U	< 2.7 U
Methylene Chloride	5	µg/L	< 8.8 U	< 8.8 U	< 8.8 U	NA	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	NA	NA	< 0.59 U	< 0.59 U
Tert-Butyl Methyl Ether	10	µg/L	< 3.2 U	< 3.2 U	< 3.2 U	< 2.5 UJ	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	**900 J**	**990 J**	**930**	**220 J**	**404**	**57.8**
Toluene	5	µg/L	< 10 U	< 10 U	< 10 U	NA	< 0.49 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	< 18 U	< 18 U	< 18 U	1.6 J	1.6	2.5
Trichloroethylene (TCE)	5	µg/L	**280**	**390**	**420**	**130 J**	**255**	**189**
Vinyl Chloride	2	µg/L	**85**	**21**	**19 J**	**17 J**	**12.9**	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface					
		Location ID	MW-16K					
		Sample Name	828103-MW16K2317	828103-MW16K022	828103-MW16K022	828103-MW16K022	828103-MW-16K-09272023	828103-MW-16K-20240924
		Parent Sample						
		Sample Date	5/23/2017	11/29/2018	7/16/2020	5/24/2022	9/27/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**						
1,1,1-Trichloroethane (TCA)	5	µg/L	< 16 U	< 16 U	< 16 U	NA	< 0.54 U	< 11 U
1,1-Dichloroethane	5	µg/L	< 7.6 U	< 7.6 U	< 7.6 U	< 2.5 UJ	< 0.57 U	< 11 U
1,1-Dichloroethene	5	µg/L	< 5.8 U	< 5.8 U	< 5.8 U	0.6 J	1	< 12 U
Acetone	50	µg/L	< 60 U	< 60 U	< 60 U	NA	< 3.1 U	< 61 U
Benzene	1	µg/L	< 8.2 U	< 8.2 U	< 8.2 U	NA	< 0.43 U	< 8.5 U
Chloroethane	5	µg/L	< 6.4 U	< 6.4 U	< 6.4 U	NA	< 0.73 U	< 15 U
Chloroform	7	µg/L	< 6.8 U	< 6.8 U	< 6.8 U	< 2.5 UJ	< 0.5 U	< 10 U
Cis-1,2-Dichloroethylene	5	µg/L	**890**	**710**	**420**	**310 J**	**320**	**2,170**
Dichlorodifluoromethane	5	µg/L	< 14 U	< 14 U	< 14 U	NA	< 0.56 U	< 11 U
Ethylbenzene	5	µg/L	< 15 U	< 15 U	< 15 U	NA	< 0.6 U	< 12 U
Isopropylbenzene (Cumene)	5	µg/L	< 16 U	< 16 U	< 16 U	NA	< 0.65 U	< 13 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 26 U	< 26 U	< 26 U	NA	< 2.7 U	< 55 U
Methylene Chloride	5	µg/L	14 J	< 8.8 U	< 8.8 U	NA	< 1 U	< 20 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	NA	NA	< 0.59 U	< 12 U
Tert-Butyl Methyl Ether	10	µg/L	< 3.2 U	< 3.2 U	< 3.2 U	< 2.5 UJ	< 0.51 U	< 10 U
Tetrachloroethylene (PCE)	5	µg/L	**120**	**330**	**300**	**140 J**	**189**	**851**
Toluene	5	µg/L	< 10 U	< 10 U	< 10 U	NA	< 0.49 U	< 9.8 U
Trans-1,2-Dichloroethene	5	µg/L	< 18 U	< 18 U	< 18 U	1.8 J	2.9	**13.6 J**
Trichloroethylene (TCE)	5	µg/L	**380**	**660**	**380**	**170 J**	**236**	**3,300**
Vinyl Chloride	2	µg/L	**58**	**33**	< 18 U	**12 J**	**8.8**	< 10 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface								
		Location ID	MW-22K				MW-23K				
		Sample Name	828103-MW22K028	828103-MW22K028	828103-MW-22K-09262023	828103-MW-22K-20240924	828103-MW23K025	828103-MW23K025	828103-MW23K025	828103-MW-23K-09262023	828103-MW-23K-20240924
		Parent Sample									
		Sample Date	11/30/2018	7/15/2020	9/26/2023	9/24/2024	11/30/2018	7/14/2020	5/25/2022	9/26/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**									
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.82 U	< 0.82 U	< 0.54 U	< 0.54 U	< 0.82 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.38 U	< 0.38 U	< 0.57 U	< 0.57 U	< 0.38 U	< 0.38 U	< 1 U	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.29 U	0.3 J	< 0.59 U	< 0.59 U	< 0.29 U	< 0.29 U	< 1 U	< 0.59 U	< 0.59 U
Acetone	50	µg/L	< 3 U	< 3.0 U	< 3.1 U	**66.2**	< 3 U	< 3.0 U	NA	< 3.1 U	26.6
Benzene	1	µg/L	< 0.41 U	< 0.41 U	< 0.43 U	< 0.43 U	< 0.41 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Chloroethane	5	µg/L	< 0.32 U	< 0.32 U	< 0.73 U	< 0.73 U	< 0.32 U	< 0.32 U	NA	< 0.73 U	< 0.73 U
Chloroform	7	µg/L	< 0.34 U	< 0.34 U	< 0.5 U	< 0.5 U	< 0.34 U	< 0.34 U	< 1 U	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	**27**	**97**	**18.6**	**21.4**	< 0.81 U	< 0.81 U	< 1 U	< 0.51 U	< 0.51 U
Dichlorodifluoromethane	5	µg/L	< 0.68 U	< 0.68 U	< 0.56 U	< 0.56 U	< 0.68 U	< 0.68 U	NA	< 0.56 U	< 0.56 U
Ethylbenzene	5	µg/L	< 0.74 U	< 0.74 U	< 0.6 U	< 0.6 U	< 0.74 U	< 0.74 U	NA	< 0.6 U	< 0.6 U
Isopropylbenzene (Cumene)	5	µg/L	< 0.79 U	< 0.79 U	< 0.65 U	< 0.65 U	< 0.79 U	< 0.79 U	NA	< 0.65 U	< 0.65 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.3 U	< 1.3 U	< 2.7 U	2.9 J	< 1.3 U	< 1.3 U	NA	< 2.7 U	< 2.7 U
Methylene Chloride	5	µg/L	< 0.44 U	< 0.44 U	< 1 U	< 1 U	< 0.44 U	< 0.44 U	NA	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	< 0.59 U	< 0.59 U	NA	NA	NA	< 0.59 U	< 0.59 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.16 U	< 0.16 U	< 0.51 U	< 0.51 U	< 0.16 U	< 0.16 U	0.26 J	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	3.8	13	2.4	1.4	< 0.36 U	< 0.36 U	< 1 U	< 0.56 U	< 0.56 U
Toluene	5	µg/L	< 0.51 U	< 0.51 U	< 0.49 U	< 0.49 U	< 0.51 U	< 0.51 U	NA	< 0.49 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	< 0.9 U	< 0.90 U	< 0.54 U	< 0.54 U	< 0.9 U	< 0.90 U	< 1 U	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	**8.3**	**21**	3.8	3.8	< 0.46 U	< 0.46 U	< 1 U	< 0.53 U	< 0.53 U
Vinyl Chloride	2	µg/L	**2.3**	**5.4**	0.77 J	1.2	< 0.9 U	< 0.90 U	< 1 U	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1c. Historical Concentrations of VOCs in Bedrock Interface SMP Wells

		Sample Depth	Bedrock Interface				
		Location ID	MW-24K				
		Sample Name	828103-MW24K025	828103-MW24K025	828103-MW24K025	828103-MW-24K-09262023	828103-MW-24K-20240924
		Parent Sample					
		Sample Date	11/30/2018	7/14/2020	5/25/2022	9/26/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1.6 U	< 0.82 U	NA	< 0.54 U	< 0.54 U
1,1-Dichloroethane	5	µg/L	< 0.76 U	< 0.38 U	< 1 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.58 U	< 0.29 U	< 1 UJ	< 0.59 U	< 0.59 U
Acetone	50	µg/L	42	< 3.0 U	NA	< 3.1 U	**63.9**
Benzene	1	µg/L	< 0.82 U	< 0.41 U	NA	< 0.43 U	< 0.43 U
Chloroethane	5	µg/L	< 0.64 U	< 0.32 U	NA	< 0.73 U	< 0.73 U
Chloroform	7	µg/L	< 0.68 U	< 0.34 U	0.27 J	< 0.5 U	< 0.5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1.6 U	< 0.81 U	< 1 UJ	< 0.51 U	< 0.51 U
Dichlorodifluoromethane	5	µg/L	< 1.4 U	< 0.68 U	NA	< 0.56 U	< 0.56 U
Ethylbenzene	5	µg/L	< 1.5 U	< 0.74 U	NA	< 0.6 U	< 0.6 U
Isopropylbenzene (Cumene)	5	µg/L	< 1.6 U	< 0.79 U	NA	< 0.65 U	< 0.65 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	3.8 J	< 1.3 U	NA	< 2.7 U	< 2.7 U
Methylene Chloride	5	µg/L	1.2 J	< 0.44 U	NA	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	NA	< 0.59 U	< 0.59 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.32 U	< 0.16 U	< 1 UJ	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.72 U	< 0.36 U	< 1 UJ	< 0.56 U	< 0.56 U
Toluene	5	µg/L	< 1 U	< 0.51 U	NA	< 0.49 U	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	< 1.8 U	< 0.90 U	< 1 UJ	< 0.54 U	< 0.54 U
Trichloroethylene (TCE)	5	µg/L	< 0.92 U	< 0.46 U	< 1 UJ	< 0.53 U	< 0.53 U
Vinyl Chloride	2	µg/L	< 1.8 U	< 0.90 U	< 1 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1d. Historical Concentrations of VOCs in Bedrock SMP Wells

		Sample Depth	Bedrock					
		Location ID	MW-03CA					
		Sample Name	828103-MW03CA2817	828103-MW03CA030	828103-MW03CA030	828103-MW03CA030	828103-MW-03CA-09252023	828103-MW-03CA-20240925
		Parent Sample						
		Sample Date	5/25/2017	11/29/2018	7/16/2020	5/25/2022	9/25/2023	9/25/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**					
1,4-Dioxane (P-Dioxane)	0.35	µg/L	0.21 J	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	µg/L	< 38 U	< 7.6 U	< 1.9 U	< 1 UJ	< 0.57 U	2.7
1,1-Dichloroethene	5	µg/L	< 29 U	< 5.8 U	< 1.5 U	< 1 UJ	0.6 J	2.4
2-Hexanone	50	µg/L	< 120 U	< 25 U	< 6.2 U	NA	< 3.1 U	< 4.8 U
Cis-1,2-Dichloroethylene	5	µg/L	**5,600**	**920 J**	**260**	**28 J**	**89.4**	**486**
Tetrachloroethylene (PCE)	5	µg/L	**1,200**	**1,200 J**	**8.2**	**34 J**	**130**	**440**
Trichloroethylene (TCE)	5	µg/L	**1,800**	**470**	**11**	**19 J**	**57.9**	**274**
Vinyl Chloride	2	µg/L	**460**	**100**	**30**	**2.6 J**	**6.9**	**47.5**

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-1d. Historical Concentrations of VOCs in Bedrock SMP Wells

		Sample Depth	Bedrock				
		Location ID	MW-03D				
		Sample Name	828103-MW03D50	828103-MW03D50	828103-MW03D050	828103-MW-03D-09272023	828103-MW-03D-20240924
		Parent Sample					
		Sample Date	11/29/2018	7/16/2020	5/25/2022	9/27/2023	9/24/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**VOC Method SW8260**				
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	µg/L	< 1.9 U	< 0.38 U	< 10 UJ	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 1.5 U	< 0.29 U	< 10 UJ	< 0.59 U	< 0.59 U
2-Hexanone	50	µg/L	< 6.2 U	< 1.2 U	NA	< 3.1 U	< 4.8 U
Cis-1,2-Dichloroethylene	5	µg/L	**320**	**12**	**6 J**	< 0.47 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	**93**	**6.5**	4.5 J	1.4	< 0.56 U
Trichloroethylene (TCE)	5	µg/L	**73**	**14**	**7.2 J**	**6.2**	< 0.53 U
Vinyl Chloride	2	µg/L	**20**	**4.4**	< 10 UJ	< 0.52 U	< 0.52 U

Notes:
(a) Screening level is the NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
This table shows detected analytes only.
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standards
ID = Identification
J = Concentration is estimated
NA = Not analyzed
NYSCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
SMP = Site Management Plan
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-2. Concentrations of MNA Parameters in Groundwater (September 2024)

			Location ID	MW-03A	MW-03CA	MW-08K	MW-13K
			Sample Name	828103-MW-03A-09252024	828103-MW-03CA-09252024	828103-MW-08K-09252024	828103-MW-13K-09252024
			Parent Sample ID				
			Sample Date	9/25/2024	9/25/2024	9/25/2024	9/25/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**		**Result**	**Result**	**Result**	**Result**
Anions (SM4500S-F/SW9056)							
Sulfide (SM4500S-F)	0.05	mg/L		0.48 U	0.48 U	0.48 U	0.48 U
Chloride (As Cl) (SW9056)	250	mg/L		122	208	98.0	297
Sulfate (As SO4) (SW9056)	250	mg/L		80.9	121	51.3	44.4
Nitrogen							
Nitrogen, Nitrite (SM4500B)	1	mg/L		< 0.003 U	< 0.003 U	< 0.003 U	0.02
Nitrogen, Nitrate-Nitrite (EPA 353.2)	NSL	mg/L		< 0.09 U	< 0.09 U	11.6	< 0.09 U
Nitrogen, Nitrate (As N) (Calculated)	10	mg/L		< 0.093 U	< 0.093 U	11.6	< 0.093 U
Total Metals (SW6010D)							
Iron	300	µg/L		1,360	977	3,180	1,150
Manganese	300	µg/L		38.6	30.9	919	71.2
Dissolved Gases (RSK-175)							
Carbon Dioxide	NSL	µg/L		4,860	7,420	5,790	7,220
Ethane	NSL	µg/L		2.0	0.35	< 0.14 U	9.56
Ethene	NSL	µg/L		39.4	1.2	< 0.16 U	8.14
Methane	NSL	µg/L		58.4	12.3	9.00	298
Alkalinity (SM2320B)							
Alkalinity, Total (As $CaCO_3$)	NSL	mg/L		345	394	342	389
TOC (SM5310B)							
Total Organic Carbon	NSL	mg/L		4.0	0.78 J	1.1	2.0

(a) NYSDEC AWQS Class GA (Standard/guidance values) (TOGS 1.1.1).
ºC = Degrees Celsius
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standard
B = Concentration is greater than or equal to method detection limit (MDL) but less than reporting limit (RL)
J = Concentration is estimated
mg/L = Miligram(s) per liter
MNA = Monitored natural attenuation
mV = Millivolt(s)
ND = Not detected
NSL = No screening level available
NYSDEC = New York State Department of Environmental Conservation
TOC = Total organic carbon
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
Concentrations exceeding the screening level are shaded gray.

Table 3-2. Concentrations of MNA Parameters in Groundwater (September 2024)

			Location ID	MW-14KA	MW-19S	MW-20S
			Sample Name	828103-MW-14KA-09252024	828103-MW-19S-09252024	828103-MW-20S-09252024
			Parent Sample ID			
			Sample Date	9/25/2024	9/25/2024	9/25/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**		**Result**	**Result**	**Result**
Anions (SM4500S-F/SW9056)						
Sulfide (SM4500S-F)	0.05	mg/L		0.48 U	0.48 U	0.48 U
Chloride (As Cl) (SW9056)	250	mg/L		142	5.4	65.2
Sulfate (As SO4) (SW9056)	250	mg/L		93.0	49.3	82.6
Nitrogen						
Nitrogen, Nitrite (SM4500B)	1	mg/L		< 0.003 U	0.02	< 0.003 U
Nitrogen, Nitrate-Nitrite (EPA 353.2)	NSL	mg/L		< 0.09 U	4	0.13
Nitrogen, Nitrate (As N) (Calculated)	10	mg/L		< 0.093 U	4	0.13
Total Metals (SW6010D)						
Iron	300	µg/L		1,120	1,360	128
Manganese	300	µg/L		36.4	64.1	60.5
Dissolved Gases (RSK-175)						
Carbon Dioxide	NSL	µg/L		5,490	17,900	8,980
Ethane	NSL	µg/L		3.57	< 0.14 U	< 0.14 U
Ethene	NSL	µg/L		22.0	0.38	< 0.16 U
Methane	NSL	µg/L		142	2.43	0.75
Alkalinity (SM2320B)						
Alkalinity, Total (As $CaCO_3$)	NSL	mg/L		343	438	420
TOC (SM5310B)						
Total Organic Carbon	NSL	mg/L		2.8	5.4	4.1

(a) NYSDEC AWQS Class GA (Standard/guidance values) (TOGS 1.1.1).
ºC = Degrees Celsius
µg/L = Microgram(s) per liter
AWQS = Ambient water quality standard
B = Concentration is greater than or equal to method detection limit (MDL) but less than reporting limit (RL)
J = Concentration is estimated
mg/L = Miligram(s) per liter
MNA = Monitored natural attenuation
mV = Millivolt(s)
ND = Not detected
NSL = No screening level available
NYSDEC = New York State Department of Environmental Conservation
TOC = Total organic carbon
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
Concentrations exceeding the screening level are shaded gray.

Table 3-3. Concentrations of VOCs in MW-20S (December 2024)

		Location ID	MW-20S	MW-20S	MW-20S
		Sample Name	828103-MW-20S-PDB-20241204	828103-MW-20S-LF-20241204	828103-DUP-20241204
		Parent Sample ID			828103-MW-20S-LF-20241204
		Sample Date	12/4/2024	12/4/2024	12/4/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**Result**	**Result**	**Result**
VOCs (SW8260)					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 13 U	< 27 U	< 27 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 16 U	< 33 U	< 33 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 15 U	< 29 U	< 29 U
1,1,2-Trichloroethane	1	µg/L	< 13 U	< 27 U	< 27 U
1,1-Dichloroethane	5	µg/L	< 14 U	< 28 U	< 28 U
1,1-Dichloroethene	5	µg/L	< 15 U	< 30 U	< 30 U
1,2,3-Trichlorobenzene	5	µg/L	< 13 U	< 25 U	< 25 U
1,2,4-Trichlorobenzene	5	µg/L	< 13 U	< 25 U	< 25 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 13 U	< 26 U	< 26 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 12 U	< 24 U	< 24 U
1,2-Dichlorobenzene	3	µg/L	< 13 U	< 27 U	< 27 U
1,2-Dichloroethane	0.6	µg/L	< 15 U	< 30 U	< 30 U
1,2-Dichloropropane	1	µg/L	< 13 U	< 25 U	< 25 U
1,3-Dichlorobenzene	3	µg/L	< 14 U	< 27 U	< 27 U
1,4-Dichlorobenzene	3	µg/L	< 13 U	< 25 U	< 25 U
2-Hexanone	50	µg/L	< 120 U	< 240 U	< 240 U
Acetone	50	µg/L	**233 J**	< 150 U	< 150 U
Benzene	1	µg/L	< 11 U	< 21 U	< 21 U
Bromochloromethane	5	µg/L	< 12 U	< 24 U	< 24 U
Bromodichloromethane	50	µg/L	< 11 U	< 23 U	< 23 U
Bromoform	50	µg/L	< 16 U	< 32 U	< 32 U
Bromomethane	5	µg/L	< 41 U	< 82 U	< 82 U
Carbon Disulfide	60	µg/L	< 45 U	< 90 U	< 90 U
Carbon Tetrachloride	5	µg/L	< 14 U	< 28 U	< 28 U
Chlorobenzene	5	µg/L	< 14 U	< 28 U	< 28 U
Chloroethane	5	µg/L	< 18 U	< 36 U	< 36 U
Chloroform	7	µg/L	< 13 U	< 25 U	< 25 U
Chloromethane (Methyl Chloride)	5	µg/L	< 19 U	< 38 U	< 38 U
Cis-1,2-Dichloroethylene	5	µg/L	**26.8**	**117**	**122**
Cis-1,3-Dichloropropene	0.4	µg/L	< 12 U	< 24 U	< 24 U
Cyclohexane	NSL	µg/L	< 20 U	< 39 U	< 39 U
Dibromochloromethane	50	µg/L	< 14 U	< 28 U	< 28 U
Dichlorodifluoromethane	5	µg/L	< 14 U	< 28 U	< 28 U

Notes:
(a) New York State Department of Environmenal Conservation Class GA Aqueous Water Quality Standards and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
µg/L = Microgram(s) per liter
ID = Identification
J = Concentration is estimated
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-3. Concentrations of VOCs in MW-20S (December 2024)

		Location ID	MW-20S	MW-20S	MW-20S
		Sample Name	828103-MW-20S-PDB-20241204	828103-MW-20S-LF-20241204	828103-DUP-20241204
		Parent Sample ID			828103-MW-20S-LF-20241204
		Sample Date	12/4/2024	12/4/2024	12/4/2024
Analyte	**NYSDEC AWQS[(a)]**	**Unit**	**Result**	**Result**	**Result**
VOCs (SW8260)					
Ethylbenzene	5	µg/L	< 15 U	< 30 U	< 30 U
Isopropylbenzene (Cumene)	5	µg/L	< 16 U	< 32 U	< 32 U
M,P-Xylene (Sum Of Isomers)	5	µg/L	< 20 U	< 39 U	< 39 U
Methyl Acetate	NSL	µg/L	< 20 U	< 40 U	< 40 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 68 U	< 140 U	< 140 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 120 U	< 240 U	< 240 U
Methylcyclohexane	NSL	µg/L	< 15 U	< 30 U	< 30 U
Methylene Chloride	5	µg/L	< 25 U	< 50 U	< 50 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 15 U	< 30 U	< 30 U
Styrene	5	µg/L	< 12 U	< 24 U	< 24 U
Tert-Butyl Methyl Ether	10	µg/L	< 13 U	< 25 U	< 25 U
Tetrachloroethylene (PCE)	5	µg/L	**11,200**	**6,340**	**6,150**
Toluene	5	µg/L	< 12 U	< 25 U	< 25 U
Trans-1,2-Dichloroethene	5	µg/L	< 13 U	< 27 U	< 27 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 11 U	< 22 U	< 22 U
Trichloroethylene (TCE)	5	µg/L	**80.3**	**104**	**105**
Trichlorofluoromethane	5	µg/L	< 10 U	< 20 U	< 20 U
Vinyl Chloride	2	µg/L	< 13 U	< 26 U	< 26 U
Xylenes	5	µg/L	< 15 U	< 30 U	< 30 U

Notes:
(a) New York State Department of Environmenal Conservation Class GA Aqueous Water Quality Standards and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
µg/L = Microgram(s) per liter
ID = Identification
J = Concentration is estimated
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-4. Concentrations of VOCs in MW-20S (September and December 2024)

		Location ID	MW-20S	MW-20S	MW-20S	MW-20S
		Sample Name	828103-MW-20S-20240925	828103-MW-20S-PDB-20241204	828103-MW-20S-LF-20241204	828103-DUP-20241204
		Parent Sample ID				828103-MW-20S-LF-20241204
		Sampling Method	PDB	PDB	Low Flow	Low Flow
		Sample Date	9/25/2024	12/4/2024	12/4/2024	12/4/2024
Analyte	**NYSDEC AWQS[a]**	**Unit**	**Result**	**Result**	**Result**	**Result**
VOCs (SW8260)						
Acetone	50	µg/L	< 61 U	**233 J**	< 150 U	< 150 U
Cis-1,2-Dichloroethylene	5	µg/L	**14.1 J**	**26.8**	**117**	**122**
Tetrachloroethylene (PCE)	5	µg/L	**3,910**	**11,200**	**6,340**	**6,150**
Trichloroethylene (TCE)	5	µg/L	**228**	**80.3**	**104**	**105**

Notes:
(a) NYSDEC Class GA AWQS and Guidance Values (TOGS 1.1.1 and 6 NYCRR Part 703).
µg/L = Microgram(s) per liter
AWQS = Aqueous water quality standard
ID = Identification
J = Concentration is estimated
NYCRR = New York Codes, Rules and Regulations
NYSDEC = New York State Department of Environmental Conservation
PDB = Passive diffusion bag
TOGS = Technical and Operational Guidance Series
U = Analyte not detected
VOC = Volatile organic compound
Bold and Shaded values indicate the analyte was detected above NYSDEC AWQS.

Table 3-5. Analytical Parameters and Weightings for Preliminary Screening for Anaerobic Biodegradation Processes

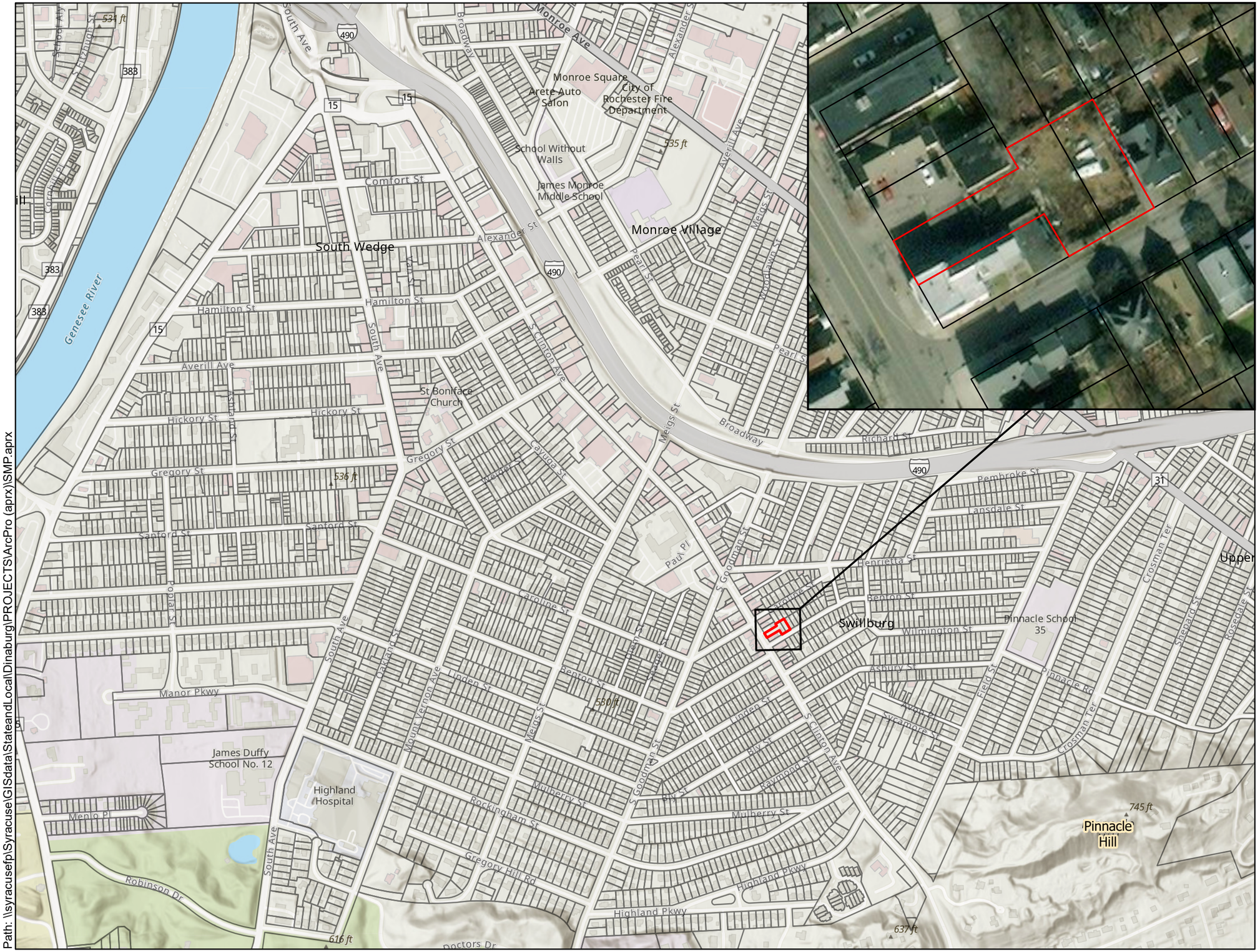
Analysis	Concentration in Most Contaminated Zone	Interpretation	Value	MW-03A	MW-03CA	MW-08K	MW-13K	MW-14KA	MW-19S	MW-20S
Oxygen	< 0.5 mg/L	Tolerated, suppresses the reductive pathway at higher concentrations	3	3	3	0	3	3	3	0
Oxygen	> 5 mg/L	Not tolerated; however VC may be oxidized aerobically	-3	0	0	0	0	0	0	0
Nitrate	< 1 mg/L	At higher concentrations may compete with reductive pathways	2	2	2	2	2	2	2	2
Iron II	> 1 mg/L	Reductive pathway possible; VC may be oxidized under Fe(III)- reducing conditions	3	3	0	3	3	3	3	0
Sulfate	< 20 mg/L	At higher concentrations may compete with reductive pathway	2	0	0	0	0	0	0	0
Sulfide	> 1 mg/L	Reductive pathway possible	3	0	0	0	0	0	0	0
Methane	< 0.5 mg/L	VC oxidizes	0	0	0	0	0	0	0	0
	> 0.5 mg/L	Ultimate reductive daughter product, VC accumulates	3	0	0	0	0	0	0	0
Oxidation Reduction Potential (ORP) against Ag/ AgCl	< 50 mV	Reductive pathway possible	1	1	1	0	1	1	0	0
	< −100 mV	Reductive pathway likely	2	2	2	0	2	2	0	0
pH*	5 < pH < 9	Optimal range for reductive pathway	0	0	0	0	0	0	0	0
	5 > pH > 9	Outside optimal range for reductive pathway	-2	0	0	0	0	0	0	0
TOC	> 20 mg/L	Carbon and energy source; drives dechlorination; can be natural or anthropogenic	2	0	0	0	0	0	0	0
Temperature	> 20 °C	At Temperature >20°C biochemical process is accelerated	1	0	0	0	0	0	0	0
Carbon Dioxide	> 2x background	Ultimate oxidative daughter product	1	0	0	0	0	0	1	0
Alkalinity	> 2x background	Results from interaction between CO_2 and aquifer minerals	1	0	0	0	0	0	0	0
Chloride	> 2x background	Daughter product of organic chlorine	2	0	2	0	2	0	0	0
Hydrogen	> 1 nM	Reductive pathway possible, VC may accumulate	3	NA	NA	NA	NA	NA	NA	NA
Hydrogen	< 1 nM	VC oxidized	0	NA	NA	NA	NA	NA	NA	NA
Volatile Fatty Acids	> 0.1 mg/L	Intermediates resulting from biodegradation of more complex compounds; carbon and energy source	2	NA	NA	NA	NA	NA	NA	NA
BTEX	> 0.1 mg/L	Carbon and energy source; drives dechlorination	2	0	0	0	0	0	0	0
Tetrachloroethene	---	Material released	0	0	0	0	0	0	0	0
Trichloroethene	---	Material released	0	0	0	0	0	0	0	0
		Daughter products of PCE	2	0	0	0	0	0	0	0
DCE	---	Material released	0	0	0	0	0	0	0	0
		Daughter products of TCE if *cis* is > 80% of total DCE it is likely a daughter product of 1,1-DCE can be chemical reaction product of TCE	2	2	2	0	2	2	2	2

Table 3-5. Analytical Parameters and Weightings for Preliminary Screening for Anaerobic Biodegradation Processes

Analysis	Concentration in Most Contaminated Zone	Interpretation	Value	MW-03A	MW-03CA	MW-08K	MW-13K	MW-14KA	MW-19S	MW-20S
VC	---	Material released	0	0	0	0	0	0	0	0
		Daughter products of DCE	2	2	2	0	2	2	2	0
1,1,1-Trichloroethane	---	Material released	0	0	0	0	0	0	0	0
DCA	---	Daughter product of TCE under reducing conditions	2	0	2	0	0	0	0	0
Carbon Tetrachloride	---	Material released	0	0	0	0	0	0	0	0
Chloroethane	---	Daughter product of DCA or VC under reducing conditions	2	2	0	0	0	0	0	0
Ethene	>0.01 mg/L	Daughter product of VC	2	2	0	0	0	2	0	0
Ethane	>0.1 mg/L	Daughter product of ethene	3	0	0	0	0	0	0	0
Chloroform	---	Material released	0	0	0	0	0	0	0	0
		Daughter product of Carbon Tetrachloride	2	0	0	0	0	0	0	0
Dichloromethane	---	Material released	0	0	0	0	0	0	0	0
		Daughter product of Chloroform	2	0	0	0	0	0	0	0
		Total Score	19	16	5	17	17	13	4	
		Inadequate evidence for anaerobic biodegradation (0-5)			X				X	
		Limited evidence for anaerobic biodegradation (6-14)						X		
		Adequate evidence for anaerobic biodegradation (15-20)	X	X		X	X			
		Strong evidence for anaerobic biodegradation (>20)								

Notes:
--- = Not applicable
ºC = Degrees Celsius
BTEX = Benzene, toluene, ethylbenzene, and xylenes
CO_2 = Carbon dioxide
DCA = Dichloroethane
DCE = Dichloroethene
mg/L = Milligram(s) per liter
mV = Millivolt(s)
NA = Not analyzed
nM = Nanomolar
PCE = Tetrachloroethene
TCE = Trichloroethene
TOC = Total organic carbon
VC = Vinyl chloride

Figures





Legend

- Site Boundary
- Tax Parcel Boundary

Map Date: 11/14/2024
Projection: NAD 1983 State Plane
New York West FIPS 3103 (US Feet)

0 500 1,000
Feet

N

NEW YORK STATE Department of Environmental Conservation

Figure 1-1
Site Location
Dinaburg Distributing, Inc. (828103)
Rochester, New York

Path: \\syracusefp\Syracuse\GIS\data\StateandLocal\Dinaburg\PROJECTS\ArcPro (aprx)\SMP.aprx





Legend

- Site Boundary
- ERH Treatment Area
- Overburden Monitoring Well
- Overburden/Bedrock Interface Monitoring Well
- Bedrock Monitoring Well

Note:
1. ERH = Electrical resistance heating

Map Date: 11/14/2024
Projection: NAD 1983 State Plane
New York West FIPS 3103 (US Feet)

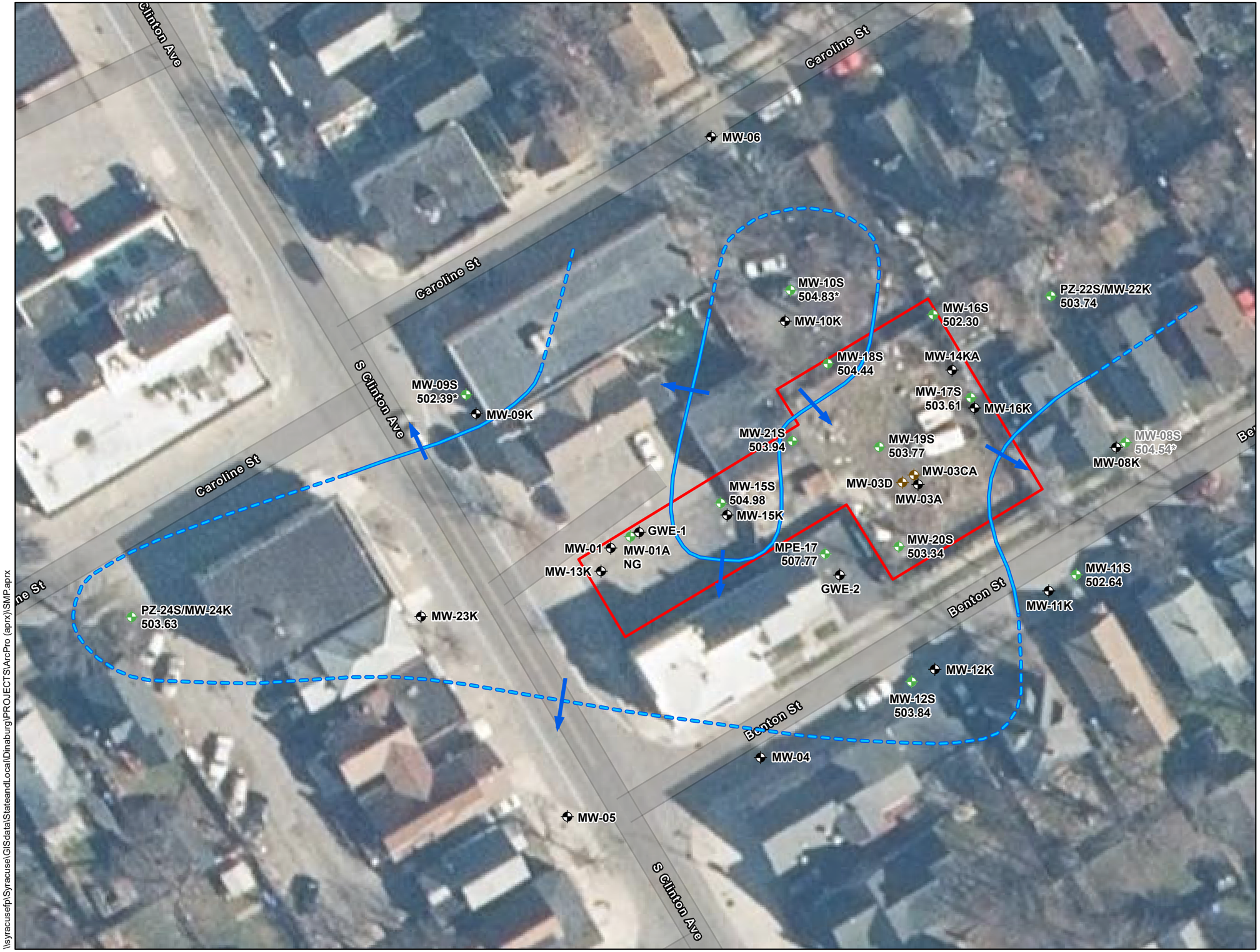
0 25 50
Feet

N

NEW YORK STATE Department of Environmental Conservation

Figure 1-2
Site Layout
Dinaburg Distributing, Inc. (828103)
Rochester, New York

Path: \\syracusefp\Syracuse\GISdata\StateandLocal\Dinaburg\PROJECTS\ArcPro (aprx)\SMP.aprx





Legend

- Site Boundary
- Overburden Monitoring Well
- Overburden/Bedrock Interface Monitoring Well
- Bedrock Monitoring Well
- Estimated Groundwater Contour (ft. AMSL)
- Inferred Groundwater Contour (ft. AMSL)
- Groundwater Flow Direction

Notes:
NG = Well Not Gauged
Interpreted groundwater contours based on data collection 24-26 September 2024.
Groundwater elevations are shown in feet above mean sea level (ft. amsl).
Values shaded grey were not included in contouring.
*Groundwater elevations estimated due to riser being shortened during September 2023 site maintenance

Map Date: 11/26/2024
Projection: NAD 1983 State Plane New York West FIPS 3103 (US Feet)

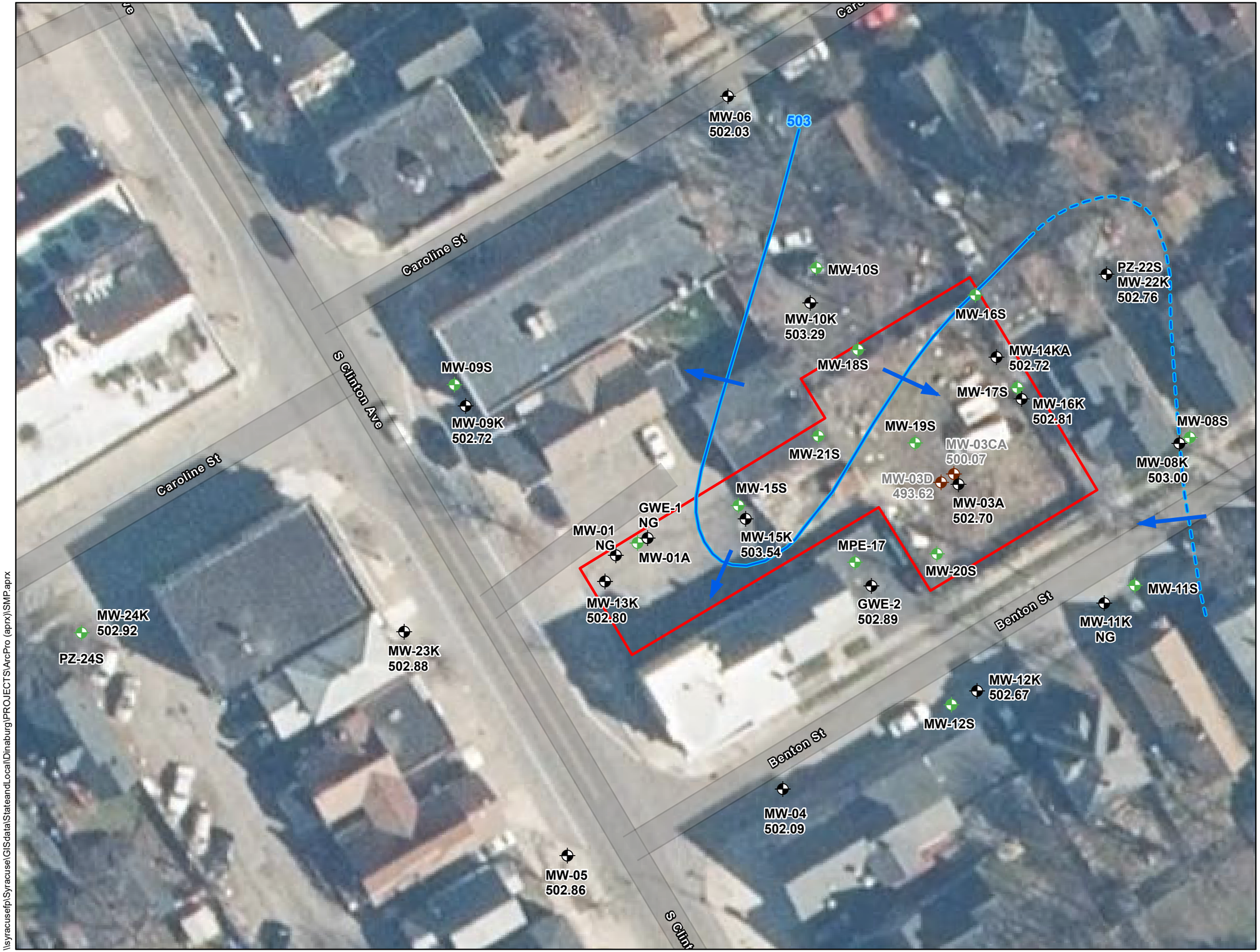
0 25 50
Feet

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NEW YORK STATE Department of Environmental Conservation

Figure 2-1
Overburden Groundwater Elevation Contours (September 2024)
Dinaburg Distributing, Inc. (828103)
Rochester, New York

\\syracusefp\Syracuse\GIS\data\StateandLocal\Dinaburg\PROJECTS\ArcPro (aprx)\SMP.aprx





Legend

- Site Boundary
- Overburden Monitoring Well
- Overburden/Bedrock Interface Monitoring Well
- Bedrock Monitoring Well
- Estimated Groundwater Contour (ft. AMSL)
- Inferred Groundwater Contour (ft. AMSL)
- Groundwater Flow Direction

Notes:
NG = Well Not Gauged
Interpreted groundwater contours based on data collection 24-26 September 2024.
Groundwater elevations are shown in feet above mean sea level (ft. amsl).
Values shaded grey were not included in contouring.

Map Date: 11/18/2024
Projection: NAD 1983 State Plane
New York West FIPS 3103 (US Feet)

0 25 50
Feet

N

NEW YORK STATE Department of Environmental Conservation

Figure 2-2
Overburden/Bedrock Interface and Bedrock Groundwater Elevation Contours (September 2024)
Dinaburg Distributing, Inc. (828103)
Rochester, New York

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Analyte	NYSDEC AWQS
1,1-DCA	5
1,1-DCE	5
Acetone	50
Cis-1,2-DCE	5
PCE	5
Trans-1,2-DCE	5
TCE	5
Vinyl Chloride	2

MW-21S	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**161**
Cis-1,2-DCE	1.9
PCE	3.8
Trans-1,2-DCE	2.6
TCE	4.7
Vinyl Chloride	ND

MW-10S	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**60.2**
Cis-1,2-DCE	1.2
PCE	3.6
Trans-1,2-DCE	ND
TCE	**8.7**
Vinyl Chloride	ND

MW-18S	
9/25/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**212**
Cis-1,2-DCE	**93.1**
PCE	**131**
Trans-1,2-DCE	0.57 J
TCE	**68.6**
Vinyl Chloride	ND

MW-16S	
9/25/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**243**
Cis-1,2-DCE	**20**
PCE	**9.7**
Trans-1,2-DCE	ND
TCE	**178**
Vinyl Chloride	ND

MW-17S	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**88.5**
Cis-1,2-DCE	1.4
PCE	**42.7**
Trans-1,2-DCE	ND
TCE	**91.9**
Vinyl Chloride	ND

MW-15S	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**157**
Cis-1,2-DCE	2.3
PCE	**43.8**
Trans-1,2-DCE	ND
TCE	**70.8**
Vinyl Chloride	ND

PZ-22S	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	4.3 J
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

MW-09S	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**130**
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

MW-08S	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**108**
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

PZ-24S	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	42.8
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

MPE-17	
9/26/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	ND
Cis-1,2-DCE	ND
PCE	**26.3**
Trans-1,2-DCE	ND
TCE	0.77 J
Vinyl Chloride	ND

MW-11S	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**276**
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

MW-19S	
9/25/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**193**
Cis-1,2-DCE	**1230**
PCE	**261**
Trans-1,2-DCE	**14.4**
TCE	**116**
Vinyl Chloride	**7.5**

MW-12S	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**87.1**
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

MW-20S	
9/25/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**76.2 J**
Cis-1,2-DCE	**14.1 J**
PCE	**3910**
Trans-1,2-DCE	ND
TCE	**228**
Vinyl Chloride	ND



Legend

- Site Boundary
- Overburden Monitoring Well
- Overburden/Bedrock Interface Monitoring Well
- Bedrock Monitoring Well

Notes:
AWQS = Ambient Water Quality Standards
DCA = Dichloroethane
DCE = Dichloroethene/Dichloroethylene
J= Concentration is estimated.
ND = Not detected
NS = Not sampled
NYSDEC = New York State Department of Environmental Conservation
PCE = Tetrachloroethylene
TCE = Trichloroethylene
VOC(s) = Volatile Organic Compound(s)
Concentrations are reported in µg/L (micrograms per liter).
Bold and shaded values are above NYSDEC AWQS.

Map Date: 11/19/2024
Projection: NAD 1983 State Plane New York West FIPS 3103 (US Feet)

0 25 50
Feet

N

NEW YORK STATE Department of Environmental Conservation

Figure 3-1
VOC Analytical Results in Overburden Groundwater Monitoring Wells (September 2024)
Dinaburg Distributing, Inc. (828103)
Rochester, New York

\\syracusefp\Syracuse\GIS\data\StateandLocal\Dinaburg\PROJECTS\ArcPro (aprx)\SMP.aprx

Analyte	NYSDEC AWQS
1,1-DCA	5
1,1-DCE	5
Acetone	50
Cis-1,2-DCE	5
PCE	5
Trans-1,2-DCE	5
TCE	5
Vinyl Chloride	2

MW-15K	
9/24/2024	
1,1-DCA	2.9
1,1-DCE	**6.3**
Acetone	**224**
Cis-1,2-DCE	**252**
PCE	**57.8**
Trans-1,2-DCE	2.5
TCE	**189**
Vinyl Chloride	ND

MW-10K	
9/26/2024	
1,1-DCA	1.1
1,1-DCE	1.3
Acetone	ND
Cis-1,2-DCE	**89.3**
PCE	ND
Trans-1,2-DCE	1.7
TCE	**562**
Vinyl Chloride	ND

MW-06	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	32
Cis-1,2-DCE	0.64 J
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

MW-03D	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**56.5**
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

MW-14KA	
9/25/2024	
1,1-DCA	ND
1,1-DCE	**14.3 J**
Acetone	**101 J**
Cis-1,2-DCE	**3700**
PCE	**492**
Trans-1,2-DCE	**28.2**
TCE	**3280**
Vinyl Chloride	**102**

MW-22K	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**66.2**
Cis-1,2-DCE	**21.4**
PCE	1.4
Trans-1,2-DCE	ND
TCE	3.8
Vinyl Chloride	1.2

MW-09K	
9/24/2024	
1,1-DCA	0.62 J
1,1-DCE	ND
Acetone	**73.1**
Cis-1,2-DCE	**148**
PCE	**35.8**
Trans-1,2-DCE	0.68 J
TCE	**35.8**
Vinyl Chloride	**22.2**

MW-16K	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	ND
Cis-1,2-DCE	**2170**
PCE	**851**
Trans-1,2-DCE	**13.6 J**
TCE	**3300**
Vinyl Chloride	ND

MW-13K	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**32.3 J**
Cis-1,2-DCE	**578**
PCE	**950**
Trans-1,2-DCE	**17**
TCE	**370**
Vinyl Chloride	**103**

MW-08K	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**196**
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

MW-24K	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**63.9**
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

MW-23K	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	26.6
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

MW-03CA	
9/25/2024	
1,1-DCA	2.7
1,1-DCE	2.4
Acetone	**59.6**
Cis-1,2-DCE	**486**
PCE	**440**
Trans-1,2-DCE	2.3
TCE	**274**
Vinyl Chloride	**47.5**

MW-05	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**72.4**
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

MW-04	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**72**
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	ND
Vinyl Chloride	ND

GWE-2	
9/26/2024	
1,1-DCA	**8.5**
1,1-DCE	2
Acetone	ND
Cis-1,2-DCE	**111**
PCE	**29.2**
Trans-1,2-DCE	ND
TCE	**30.3**
Vinyl Chloride	ND

MW-12K	
9/24/2024	
1,1-DCA	ND
1,1-DCE	ND
Acetone	**139**
Cis-1,2-DCE	ND
PCE	ND
Trans-1,2-DCE	ND
TCE	**6.3**
Vinyl Chloride	ND

MW-03A	
9/25/2024	
1,1-DCA	ND
1,1-DCE	0.62 J
Acetone	**91.4**
Cis-1,2-DCE	**186**
PCE	ND
Trans-1,2-DCE	2.4
TCE	1.3
Vinyl Chloride	**354**



Legend

- Site Boundary
- Overburden Monitoring Well
- Overburden/Bedrock Interface Monitoring Well
- Bedrock Monitoring Well

Notes:
AWQS = Ambient Water Quality Standards
DCA = Dichloroethane
DCE = Dichloroethene/Dichloroethylene
J= Concentration is estimated.
ND = Not detected
NS = Not Sampled
NYSDEC = New York State Department of Environmental Conservation
PCE = Tetrachloroethylene
TCE = Trichloroethylene
VOC(s) = Volatile Organic Compound(s)
Concentrations are reported in µg/L (micrograms per liter).
Bold and shaded values are above NYSDEC AWQS.

Map Date: 11/18/2024
Projection: NAD 1983 State Plane
New York West FIPS 3103 (US Feet)

0 25 50
Feet

N

Figure 3-2
VOC Analytical Results in Overburden/Bedrock Interface and Bedrock Groundwater Monitoring Wells (September 2024)
Dinaburg Distributing, Inc. (828103)
Rochester, New York

\\syracusefp\Syracuse\GIS\data\StateandLocal\Dinaburg\PROJECTS\ArcPro (aprx)\SMP.aprx





Legend

- Site Boundary
- Overburden Monitoring Well
- Overburden/Bedrock Interface Monitoring Well
- Bedrock Monitoring Well

PCE Concentration (µg/L)

- 5-10
- 10-100
- 100-1000
- >1000

Note:
ND = Not Detected
NS = Not Sampled
PCE = Tetrachloroethylene

Concentrations are presented in micrograms per liter (µg/L)

Map Date: 11/26/2024
Projection: NAD 1983 State Plane
New York West FIPS 3103 (US Feet)

0 25 50
Feet

N

NEW YORK STATE Department of Environmental Conservation

Figure 3-3
September 2024 PCE Concentrations in Overburden
Dinaburg Distributing, Inc. (828103)
Rochester, New York





Legend

- Site Boundary
- Overburden Monitoring Well
- Overburden/Bedrock Interface Monitoring Well
- Bedrock Monitoring Well

PCE Concentration (µg/L)

- 5-10
- 10-100
- 100-1000

Note:
ND = Not Detected
NS = Not Sampled
PCE = Tetrachloroethylene

Concentrations are presented in micrograms per liter (µg/L)

Map Date: 11/21/2024
Projection: NAD 1983 State Plane
New York West FIPS 3103 (US Feet)

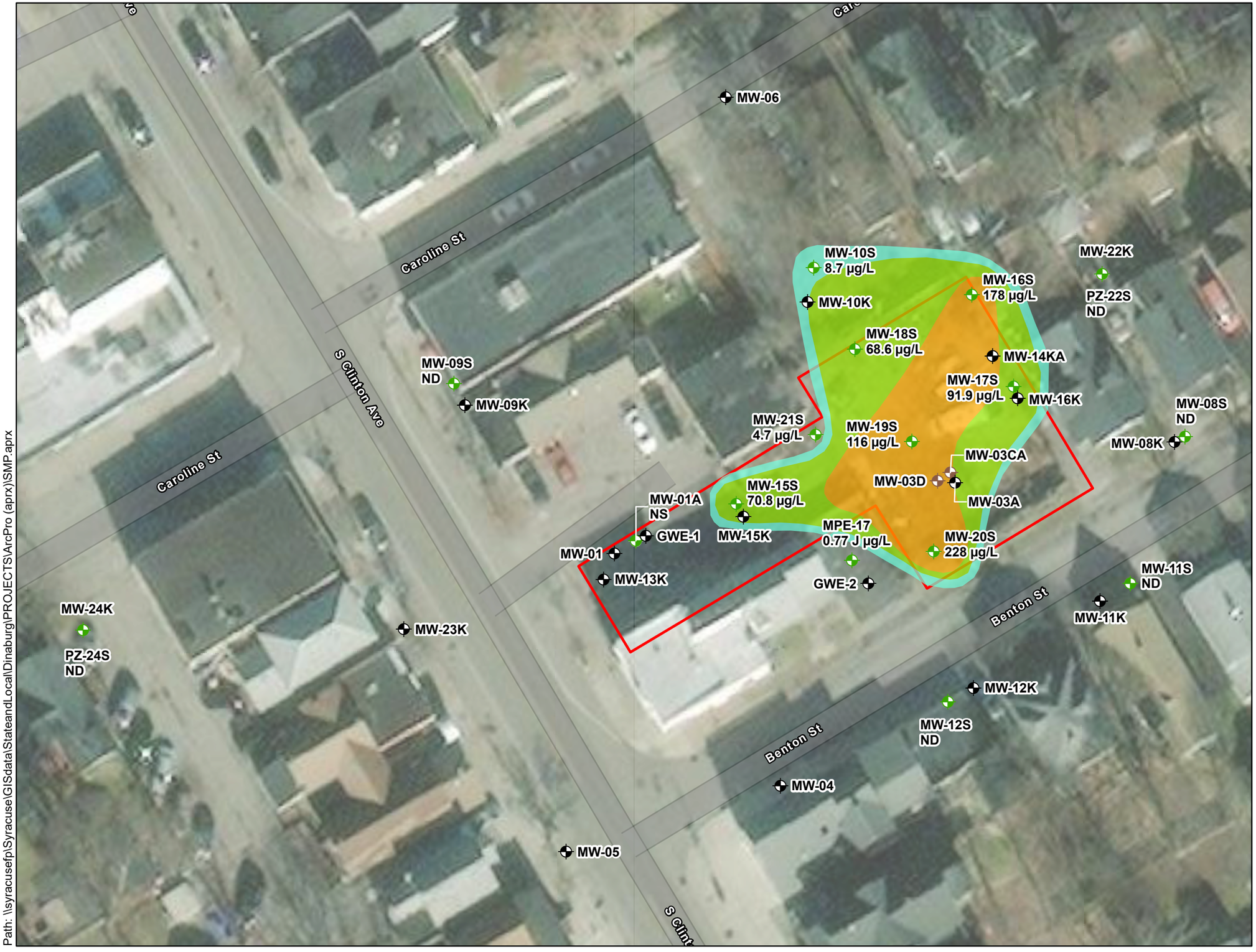
0 25 50
Feet

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NEW YORK STATE Department of Environmental Conservation

Figure 3-4
September 2024 PCE Concentrations in Overburden/Bedrock Interface
Dinaburg Distributing, Inc. (828103)
Rochester, New York

Path: \\syracusefp\Syracuse\GIS\data\StateandLocal\Dinaburg\PROJECTS\ArcPro (aprx)\SMP.aprx



Legend

- Site Boundary
- Overburden Monitoring Well
- Overburden/Bedrock Interface Monitoring Well
- Bedrock Monitoring Well

TCE Concentration (µg/L)

- 5-10
- 10-100
- >100

Note:
ND = Not Detected
NS = Not Sampled
TCE = Trichloroethylene

Concentrations are presented in micrograms per liter (µg/L)

Map Date: 11/26/2024
Projection: NAD 1983 State Plane
New York West FIPS 3103 (US Feet)

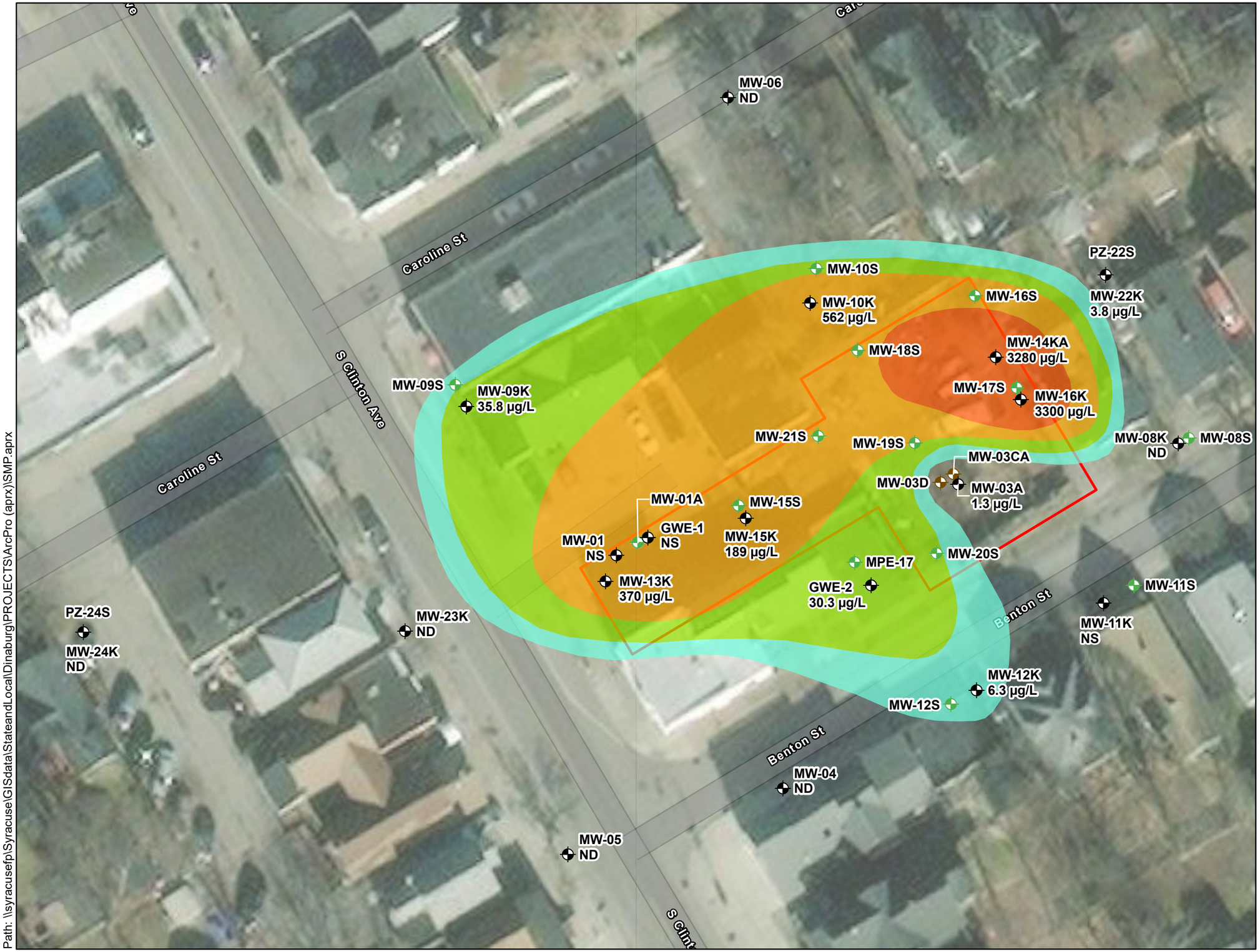
0 25 50
Feet

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NEW YORK STATE Department of Environmental Conservation

Figure 3-5
September 2024 TCE Concentrations in Overburden
Dinaburg Distributing, Inc. (828103)
Rochester, New York

Path: \\syracusefp\Syracuse\GIS\data\StateandLocal\Dinaburg\PROJECTS\ArcPro (aprx)\SMP.aprx





Legend

- Site Boundary
- Overburden Monitoring Well
- Overburden/Bedrock Interface Monitoring Well
- Bedrock Monitoring Well

TCE Concentration (µg/L)

- 5-10
- 10-100
- 100-1000
- >1000

Note:
ND = Not Detected
NS = Not Sampled
TCE = Trichloroethylene

Concentrations are presented in micrograms per liter (µg/L)

Map Date: 11/22/2024
Projection: NAD 1983 State Plane
New York West FIPS 3103 (US Feet)

0 25 50
Feet

N

NEW YORK STATE Department of Environmental Conservation

Figure 3-6
September 2024 TCE Concentrations in Overburden/Bedrock Interface
Dinaburg Distributing, Inc. (828103)
Rochester, New York

Path: \\syracusefp\Syracuse\GIS\data\StateandLocal\Dinaburg\PROJECTS\ArcPro (aprx)\SMP.aprx





Legend

- Site Boundary
- Overburden Monitoring Well
- Overburden/Bedrock Interface Monitoring Well
- Bedrock Monitoring Well

cis-1,2-DCE Concentration (µg/L)

- 5-10
- 10-100
- 100-1000
- >1000

Note:
ND = Not Detected
NS = Not Sampled
DCE = Dichloroethylene

Concentrations are presented in micrograms per liter (µg/L)

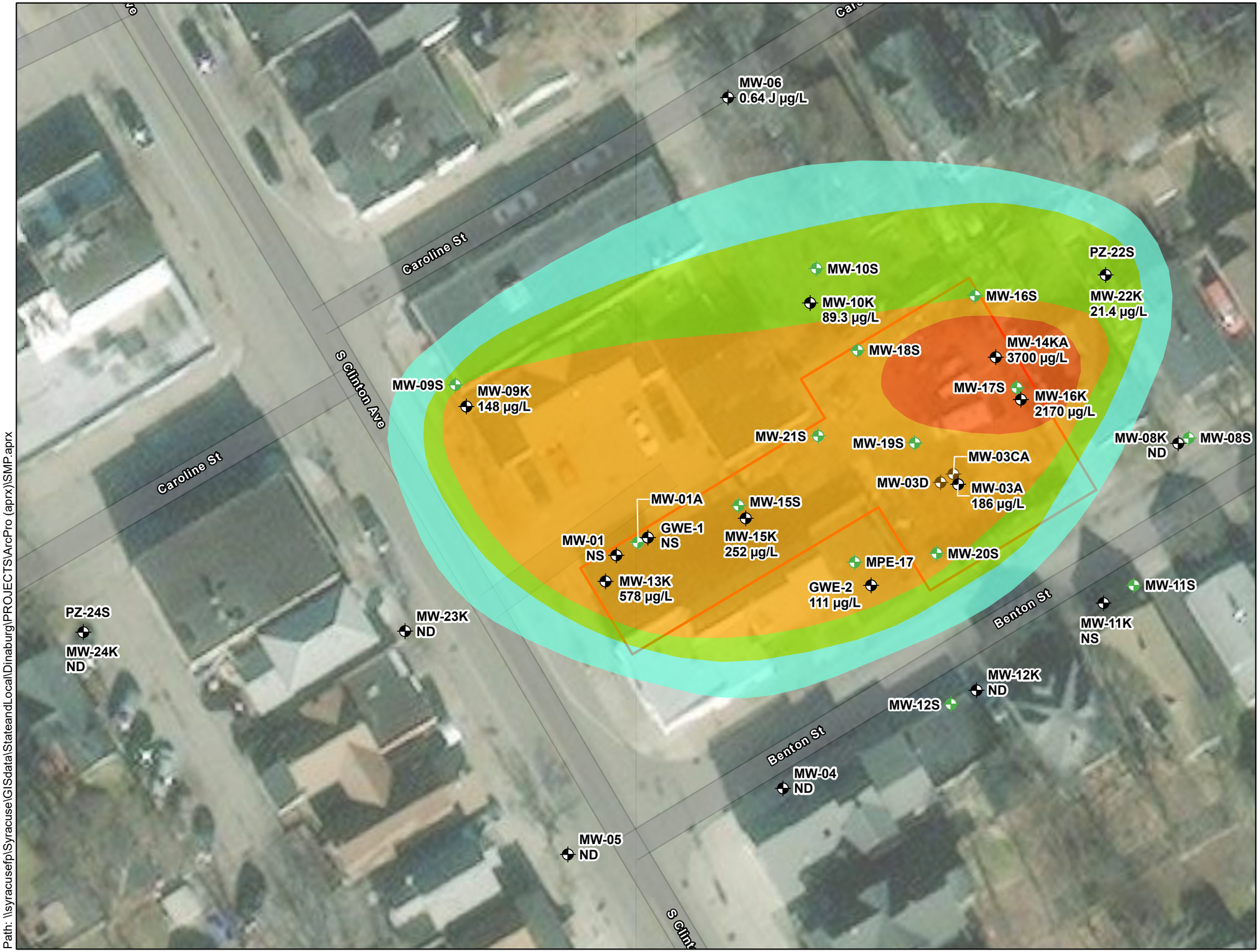
Map Date: 11/26/2024
Projection: NAD 1983 State Plane
New York West FIPS 3103 (US Feet)

0 25 50
Feet

N

NEW YORK STATE Department of Environmental Conservation

Figure 3-7
September 2024 cis-1,2-DCE Concentrations in Overburden
Dinaburg Distributing, Inc. (828103)
Rochester, New York





Legend

- Site Boundary
- Overburden Monitoring Well
- Overburden/Bedrock Interface Monitoring Well
- Bedrock Monitoring Well

cis-1,2-DCE Concentration (µg/L)

- 5-10
- 10-100
- 100-1000
- >1000

Note:
ND = Not Detected
NS = Not Sampled
DCE = Dichloroethylene

Concentrations are presented in micrograms per liter (µg/L)

Map Date: 11/22/2024
Projection: NAD 1983 State Plane
New York West FIPS 3103 (US Feet)

0 25 50
Feet

N

NEW YORK STATE Department of Environmental Conservation

Figure 3-8
September 2024 cis-1,2-DCE Concentrations in Overburden/Bedrock Interface
Dinaburg Distributing, Inc. (828103)
Rochester, New York

Path: \\syracusefp\Syracuse\GIS\data\StateandLocal\Dinaburg\PROJECTS\ArcPro (aprx)\SMP.aprx

Appendix A.

Daily Inspection Reports

DAILY INSPECTION REPORT
(Dinaburg), Site No. 828103

Date: 06/06/2023

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806
DEC PM – J.Stefansky
Engineer PM – J.Oliver

Site Location: 1012 South Clinton Ave, Rochester 14620

Weather Conditions				
General Description	Rain	AM		PM
Temperature	68 °F	AM		PM
Wind	8 mph wnw	AM		PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

Onsite property has debris (i.e., tires, concrete blocks, downed tree limbs) and overgrown grass/vegetaion. Some slips, trips, fall hazards and potential puncture hazards (needles, sharp glass.).

Summary of Work Performed	Arrived at site:	1015	Departed Site:	1115

(1015) EA onsite (K. Katzer). Two personnel from Rochester Gas and Electric (RG&E) onsite upon arrival. (1020) EA and RG&E make introductions and set a plan. (1025) EA unlocks the gate and inspects the onsite conditions. (1035) RG&E inspects electrical panel and removes a part from the panel that tracked the electricity use. (1050) RG&E moves truck to Benton Street for aerial access. EA locked the onsite property gate. (1100) RG&E begin to operate the aerial lift to disconnect the 3-phase power. (1110) RG&E end operation of the aerial lift and collect the wire for reuse/disposal. RG&E did note that a phone line was still connected to the onsite pole and suggested contacting Frontier for removal. (1115) EA and RG&E offsite.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Kate Katzer	EA	Engineer	1

Equipment Description	Contractor/Vendor	Quantity	Used

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
2 Personnel	**Rochester Gas & Electric**	**Yes**	**No**
		Yes	**No**

Site Representatives

Name	Representing

Project Schedule Comments
Groundwater sampling planned for 3Q 2024.
Issues Pending
Electrical panel and pole still installed onsite. Phone line is still connected to the utility pole that is installed onsite.
Interaction with Public, Property Owners, Media, etc.
None

Site Photographs (Descriptions Below)

<table>
<tr><td>  </td><td>  </td></tr>
<tr><td>Onsite conditions – view of electrical panel behind large tree and mobile trailer, looking south</td><td>Onsite conditions – view of mobile trailer, looking southeast</td></tr>
<tr><td>  </td><td>  </td></tr>
<tr><td>Onsite conditions – view of tire and concrete block, looking east</td><td>Onsite conditions – view of tires and downed tree limbs, looking northeast</td></tr>
</table>

	
Onsite conditions – view of overgrown vegetation and concrete blocks, looking north	Onsite conditions – view of concrete blocks and downed tree limbs, looking northwest
	
Onsite conditions – view of gate and drums, looking west	Aerial lift on Benton Street (south of site), looking southwest Yellow – Electrical wire (3-phase) removed Red – Telephone wire still installed at site



Aerial lift on Benton Street (south of site), looking west
Yellow – Wire (3-phase) removed during site visit
Red – Telephone wire still installed at site

Site Inspector(s): Kate Katzer	**Date: 06/06/2024**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments: N/A			

* BART – Best Available Retrofit Technology

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806
DEC PM – J.Stefansky
Engineer PM – J.Oliver

Site Location: 1012 South Clinton Ave, Rochester 14620

Weather Conditions				
General Description	Cloudy	AM	Partial cloud	PM
Temperature	60F	AM	65F	PM
Wind	Calm	AM	Calm	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

Onsite property has debris. Some slips, trips, fall hazards and potential puncture hazards (needles, sharp glass).

Summary of Work Performed	Arrived at site:	0800	Departed Site:	1500

EA onsite at 0800. Calibrate PID and prep PDBs at 0830. Begin PDB deployment onsite at 0900. Finishing onsite PDB deployment onsite and move offsite at 1130. Finish offsite PDB deployment at 1500. EA offsite at 1500.

Well gauging and deployment information can be found in the Monitoring Well Table below.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Mike Wright	EA	Geologist	7
Jake Guy	EA	Geologist	7

Equipment Description	Contractor/Vendor	Quantity	Used
Heron Water Level Meter	Pine Environmental	1	Yes
YKI PID	Pine Environmental	1	Yes

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None		**Yes**	**No**
		Yes	**No**

Site Representatives

Name	Representing
Mike Wright	EA

Project Schedule Comments

PDBs will be collected at a minimum of 14 days after deployment.

Issues Pending

PDBs were unable to be deployed in MW-10K due to a trailer parked on the well. PDBs were unable to be deployed in MPE-17 and GWE-2 due to an obstruction in the well that appears to be permanent. These locations will have to be sampled using low flow.

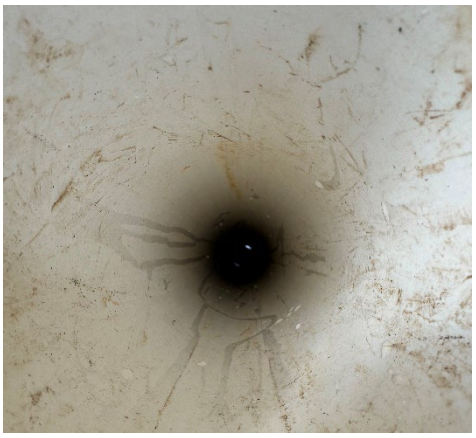
Interaction with Public, Property Owners, Media, etc.

None

Site Photographs (Descriptions Below)



Trailer on MW-10K



Obstruction in MPE-17

WELL MONITORING TABLE:

Well ID	DTW	DTB	Notes
MW-03A	8.90	24.30	350ml PDB installed
MW-03CA	11.55	29.86	350ml PDB installed
MW-03D	18.41	51.65	350ml PDB installed
MW-04	9.10	25.00	350ml PDB installed
MW-05	9.26	22.66	350ml PDB installed
MW-06	7.31	19.50	350ml PDB installed
MW-08K	7.43	18.81	350ml PDB installed
MW-08S*	6.35	10.13	350ml PDB installed
MW-09K	8.85	23.70	350ml PDB installed
MW-09S*	7.75	14.78	350ml PDB installed
MW-10K	Not Gauged	Not Gauged	No PDB, trailer parked on well
MW-10S*	6.09	15.16	350ml PDB installed
MW-11S	8.51	13.56	350ml PDB installed
MW-12K	8.32	18.74	350ml PDB installed
MW-12S	5.93	13.63	350ml PDB installed
MW-13K	8.80	20.22	350ml PDB installed
MW-14KA	8.65	24.10	350ml PDB installed
MW-15K	9.60	24.98	500ml PDB installed
MW-15S	5.20	14.92	350ml PDB installed
MW-16K	8.61	24.98	350ml PDB installed
MW-16S	9.07	15.25	350ml PDB installed
MW-17S	6.65	14.95	350ml PDB installed
MW-18S	7.57	14.91	350ml PDB installed
MW-19S	7.07	14.95	350ml PDB installed
MW-20S	8.10	14.96	350ml PDB installed
MW-21S	6.37	14.93	350ml PDB installed
PZ-22S	7.10	13.64	160ml PDB installed
MW-22K	8.30	28.23	350ml PDB installed
MW-23K	8.40	30.24	350ml PDB installed
PZ-24S	7.65	13.40	225ml PDB installed
MW-24K	8.71	27.90	350ml PDB installed
GWE-2	8.67	22.14	No PDB, permanent obstruction in well
MPE-17	5.31	13.17	No PDB, permanent obstruction in well

Site Inspector(s): Mike Wright	**Date: 09/09/2024**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments: N/A			

* BART – Best Available Retrofit Technology

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806
DEC PM – J.Stefansky
Engineer PM – J.Oliver

Site Location: 1012 South Clinton Ave, Rochester 14620

Weather Conditions				
General Description	Rainy	AM	Rainy	PM
Temperature	60F	AM	65F	PM
Wind	10 mph	AM	10 mph	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

Onsite property has debris. Some slips, trips, fall hazards and potential puncture hazards (needles, sharp glass).

Summary of Work Performed	Arrived at site:	0830	Departed Site:	1745

0830 C. Derrick and M. Gilkey onsite for PDB retrieval; safety tailgate meeting.
0845 Calibrate Horiba U-52 and PID.
0910 Sample MW-15S.
0924 Deploy 350 mL PDB at MW-15S.
0930 Sample MW-15K with MS/MSD.
0947 Deploy 500 mL PDB at MW-15K with extra weight attached.
0956 Sample MW-13K with duplicate DUP-1; wait to deploy until after low flow sampling.
1022 Sample MW-23K.
1030 Deploy 350 mL PDB at MW-23K.
1040 Sample MW-05.
1046 Deploy 350 mL PDB at MW-05.
1106 Sample MW-24K.
1111 Deploy 350 mL PDB at MW-24K.
1122 Sample PZ-24S.
1128 Deploy 160 mL PDB at PZ-24S.
1148 Sample MW-09S.
1154 Deploy 350 mL PDB at MW-09S.
1200 Sample MW-09K.
1208 Deploy 350 mL PDB at MW-09K.
1322 Sample MW-06.
1332 Deploy 350 mL PDB at MW-06.
1352 Sample MW-08S.
1358 Deploy 350 mL PDB at MW-08S.
1402 Sample MW-08K.
1410 Deploy 350 mL PDB at MW-08K.
1420 Sample MW-22K.
1427 Deploy 350 mL PDB at MW-22K.
1430 Sample PZ-22S.
1438 Deploy 225 mL PDB at PZ-22S.
1454 Sample MW-11S.
1500 Deploy 350 mL PDB at MW-11S.
1512 Sample MW-12K.
1520 Deploy 350 mL PDB at MW-12K.
1526 Sample MW-12S.
1533 Deploy 350 mL PDB at MW-12S.
1539 Sample MW-04 with duplicate DUP-2.
1555 Deploy 350 mL PDB at MW-04.
1626 Sample MW-21S.
1636 Deploy 500 mL PDB at MW-21S.

1645 Sample MW-03D.
1652 Deploy 350 mL PDB at MW-03D.
1703 Sample MW-16K.
1710 Deploy 350 mL PDB at MW-16K.
1715 Sample MW-17S.
1725 Deploy 350 mL PDB at MW-17S.
1745 EA offsite.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Cassandra Derrick	EA	Geologist	9.25
Moriah Gilkey	EA	Engineer	9.25

Equipment Description	Contractor/Vendor	Quantity	Used
Heron Water Level Meter	Pine Environmental	2	Yes
RKI PID	Pine Environmental	2	Yes
Horiba U-52	Pine Environmental	2	Yes
Peristaltic Pump	Pine Environmental	2	No

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None		**Yes**	**No**
		Yes	**No**

Site Representatives

Name	Representing
Cassandra Derrick	EA

Project Schedule Comments

PDBs will continue to be sampled tomorrow along with MNA sampling via low flow and low flow sampling for wells in which PDBs could not be deployed.

Note MW-08K and MW-13K were sampled for VOCs via PDBs, they will be sampled again tomorrow for MNA parameters via low flow sampling.

Issues Pending

Vehicle on top of MW-10S, cannot sample PDB. Trailer still parked on top of MW-10K.

Fenced-in lot un-mowed and overgrown vegetation present.

Note there is no well cover on MW-09S (picture below). Well cover on MW-11S would not close with j-plug on, PVC will need to be cut down to have proper fit.

Interaction with Public, Property Owners, Media, etc.

Contacted property owner at 493 Caroline Street to try and move trailer and vehicle covering MW-10K and MW-10S, respectively.

Contacted site property owner regarding un-mowed and overgrown vegetation within fenced in area of site.

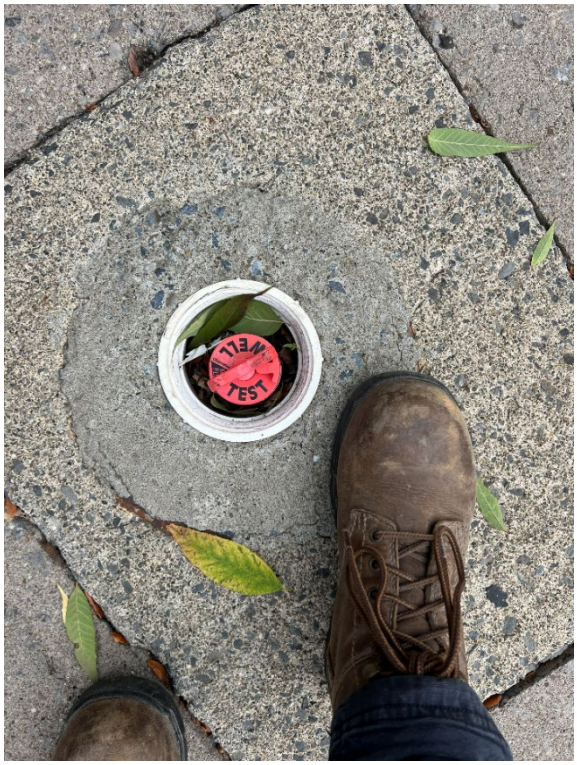
Site Photographs (Descriptions Below)



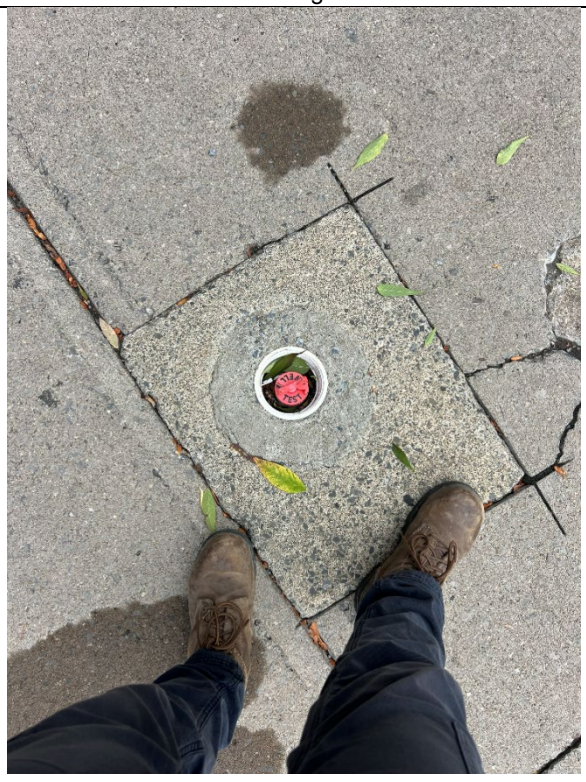
Vehicle covering MW-10S.



Trailer covering MW-10K.



Missing well cap at MW-09S.



Missing well cap at MW-09S.



Overgrown vegetation onsite.



Overgrown vegetation onsite.



Overgrown vegetation onsite.

Site Inspector(s): Cassandra Derrick	**Date: 09/24/2024**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments: N/A			

* BART – Best Available Retrofit Technology

DAILY INSPECTION REPORT
(Dinaburg), Site No. 828103

Date: 09/25/2024

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806

DEC PM – J.Stefansky

Engineer PM – J.Oliver

Site Location: 1012 South Clinton Ave, Rochester 14620

Weather Conditions				
General Description	Rainy	AM	Rainy	PM
Temperature	60F	AM	65F	PM
Wind	10 mph	AM	10 mph	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

Onsite property has debris. Some slips, trips, fall hazards and potential puncture hazards (needles, sharp glass).

Summary of Work Performed	Arrived at site:	0800	Departed Site:	1645

0800 C. Derrick and M. Gilkey onsite; safety tailgate meeting.
0815 Calibrate Horiba U-52s and PIDs.
0848 Sample MW-16S.
0855 Deploy 350 mL PDB at MW-16S.
0910 Sample MW-18S.
0919 Deploy 350 mL PDB at MW-18S.
0955 Sample PDB for VOCs at MW-03A.
1000 Sample PDB for VOCs at MW-20S.
1011 Start purge at MW-20S.
1023 Start purge at MW-03A.
1036 Sample via low flow for MNA parameters at MW-20S.
1100 Deploy 350 mL PDB at MW-20S.
1115 Sample PDB for VOCs at MW-14KA.
1130 Start purge at MW-14KA.
1138 Sample via low flow for MNA parameters at MW-03A.
1215 Deploy 350 mL PDB at MW-03A.
1220 Sample via low flow for MNA parameters at MW-14KA.
1230 Sample PDB for VOCs at MW-03CA.
1247 Deploy 350 mL PDB at MW-14KA.
1248 Start purge at MW-03CA.
1258 Sample PDB for VOCs at MW-19S.
1305 Start purge at MW-19S.
1333 Sample via low flow for MNA parameters at MW-03CA, deploy 350 mL PDB.
1340 MW-19S goes dry, will sample upon recharge.
1457 Start purge at MW-13K.
1509 Start purge at MW-08K.
1537 Sample via low flow for MNA parameters at MW-13K.
1554 Sample via low flow for MNA parameters at MW-08K.
1600 Deploy 350 mL PDB at MW-13K.
1625 Deploy 350 mL PDB at MW-08K.
1645 C. Derrick and M. Gilkey offsite.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Cassandra Derrick	EA	Geologist	8.75
Moriah Gilkey	EA	Engineer	8.75

Equipment Description	Contractor/Vendor	Quantity	Used
Heron Water Level Meter	Pine Environmental	2	Yes
RKI PID	Pine Environmental	2	Yes
Horiba U-52	Pine Environmental	2	Yes
Peristaltic Pump	Pine Environmental	2	Yes

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

Visitors to Site			
Name	**Representing**	**Entered Exclusion/CRZ Zone**	
None		**Yes**	**No**
		Yes	**No**

Site Representatives	
Name	**Representing**
Cassandra Derrick	EA

Project Schedule Comments

PDBs will continue to be sampled tomorrow along with MNA sampling via low flow and low flow sampling for wells in which PDBs could not be deployed.

Vehicle covering MW-10S and trailer parked on top of MW-10K were moved today, these wells will be sampled and have PDBs deployed tomorrow.

Andy (son of site property owner) came and cleared the site areas where wells were located so we could better access them.

Issues Pending

None.

Interaction with Public, Property Owners, Media, etc.

Spoke with vehicle and trailer movers. Spoke with Andy regarding site vegetation clearing.

Site Inspector(s): Cassandra Derrick	**Date: 09/25/2024**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments: N/A			

* BART – Best Available Retrofit Technology

DAILY INSPECTION REPORT
(Dinaburg), Site No. 828103

Date: 09/26/2024

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806
DEC PM – J.Stefansky
Engineer PM – J.Oliver

Site Location: 1012 South Clinton Ave, Rochester 14620

Weather Conditions				
General Description	Rainy	AM	Rainy	PM
Temperature	60F	AM	65F	PM
Wind	10 mph	AM	10 mph	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

Onsite property has debris. Some slips, trips, fall hazards and potential puncture hazards (needles, sharp glass).

Summary of Work Performed	Arrived at site:	0830	Departed Site:	1215

0830 C. Derrick and N. Robinson onsite; safety tailgate meeting.
0843 Calibrate Horiba U-52s and PIDs.
0915 Start purge at MW-10K.
0927 Sample via low for MNA parameters at MW-19S after well recharge.
0940 Sample for VOCs via low flow at MW-10K with MS/MSD.
0950 Deploy 350 mL PDB at MW-19S.
1003 Deploy 350 mL PDB at MW-10K.
1030 Sample MW-10S for VOCs via PDB.
1045 Deploy 350 mL PDB at MW-10S.
1102 Start purge at MPE-17.
1105 Start purge at GWE-2.
1130 Sample GWE-2 via low flow for VOCs.
1135 Sample MPE-17 via low flow for VOCs.
1215 C. Derrick and N. Robinson offsite to pack and ship samples.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Cassandra Derrick	EA	Geologist	3.75
Noah Robinson	EA	Scientist	3.75

Equipment Description	Contractor/Vendor	Quantity	Used
Heron Water Level Meter	Pine Environmental	2	Yes
RKI PID	Pine Environmental	2	Yes
Horiba U-52	Pine Environmental	2	Yes
Peristaltic Pump	Pine Environmental	2	Yes

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

*On-Site scale for off-site shipment, delivery ticket for material received
Equipment/Material Tracking Comments:

Visitors to Site			
Name	**Representing**	**Entered Exclusion/CRZ Zone**	
None		**Yes**	**No**
		Yes	**No**

Site Representatives	
Name	**Representing**
Cassandra Derrick	EA

Project Schedule Comments
Groundwater sampling complete, PDB deployment information listed in table below.

Issues Pending
None.

Interaction with Public, Property Owners, Media, etc.
None.

PDB Deployment

PDB Deployment 24-26 September 2024					
Well ID	**Size PBD Deployed**	**Date**	**Time**	**DTW**	**DTB**
MW-03A	350mL	9/25/2024	1215	9.42	24.29
MW-03CA	350mL	9/25/2024	1333	11.71	29.73
MW-03D	350mL	9/24/2024	1652	18.22	51.65
MW-04	350mL	9/24/2024	1555	9.92	23.00
MW-05	350mL	9/24/2024	1046	9.63	22.64
MW-06	350mL	9/24/2024	1332	8.51	16.77
MW-08K	350mL	9/25/2024	1625	8.24	18.84
MW-08S	350mL	9/24/2024	1358	7.46	9.92
MW-09K	350mL	9/24/2024	1208	9.29	23.48
MW-09S	350mL	9/24/2024	1154	8.93	14.78
MW-10K	350mL	9/26/2024	1003	8.21	21.34
MW-10S	350mL	9/26/2024	1045	6.75	15.14
MW-11S	350mL	9/24/2024	1500	8.72	13.30
MW-12K	350mL	9/24/2024	1520	9.00	18.73
MW-12S	350mL	9/24/2024	1533	7.69	13.65
MW-13K	350mL	9/25/2024	1600	9.33	20.15
MW-14KA	350mL	9/25/2024	1247	9.06	24.07
MW-15K	500mL	9/24/2024	947	9.20	25.00
MW-15S	350mL	9/24/2024	924	7.54	14.92
MW-16K	350mL	9/24/2024	1710	9.02	25.00
MW-16S	350mL	9/25/2024	855	10.18	15.23
MW-17S	350mL	9/24/2024	1725	7.98	14.95
MW-18S	350mL	9/25/2024	919	8.30	14.95
MW-19S	350mL	9/26/2024	950	8.77	14.94
MW-20S	350mL	9/25/2024	1100	9.33	14.95
MW-21S	350mL	9/24/2024	1636	8.50	14.95
PZ-22S	225 mL	9/24/2024	1438	7.73	13.21
MW-22K	350mL	9/24/2024	1427	8.72	28.20
MW-23K	350mL	9/24/2024	1030	8.81	30.25
PZ-24S	160 mL	9/24/2024	1128	8.43	13.44
MW-24K	350mL	9/24/2024	1111	9.14	27.90
GWE-2	No PDB, permanent obstruction in well			9.05	22.14
MPE-17	No PDB, permanent obstruction in well			4.20	13.14

Site Inspector(s): Cassandra Derrick	**Date: 09/26/2024**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments: N/A			

* BART – Best Available Retrofit Technology

DAILY INSPECTION REPORT
(Dinaburg), Site No. 828103

Date: 09/30/2024

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806

DEC PM – J.Stefansky

Engineer PM – J.Oliver

Site Location: 1012 South Clinton Ave, Rochester 14620

Weather Conditions				
General Description		AM	Mostly cloudy	PM
Temperature		AM	75F	PM
Wind		AM	2 mph; S	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

Onsite property has debris. Some slips, trips, fall hazards and potential puncture hazards (needles, sharp glass).

Summary of Work Performed	Arrived at site:	1545	Departed Site:	1615

1545 A. Carey onsite;
1600 Cut down well PVC of MW-11S to allow steel cover to close over J-plug. Removed ~2.25 inches
1615 A. Carey offsite.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Adam Carey	EA	Geologist	.5

Equipment Description	Contractor/Vendor	Quantity	Used

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

*

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None		**Yes**	**No**
		Yes	**No**

Site Representatives

Name	Representing
Adam Carey	EA

Project Schedule Comments

Issues Pending

None.

Interaction with Public, Property Owners, Media, etc.

None.

Site Photographs (Descriptions Below)	
	
Prepping well MW-11S to have PVC cut down.	Cutting of MW-11S complete.

Site Inspector(s): Adam Carey	**Date: 09/30/2024**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments: N/A			

* BART – Best Available Retrofit Technology

DAILY INSPECTION REPORT
(Dinaburg), Site No. 828103

Date: 10/01/2024

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806

DEC PM – J.Stefansky

Engineer PM – J.Oliver

Site Location: 1012 South Clinton Ave, Rochester 14620

Weather Conditions				
General Description		AM	Overcast	PM
Temperature		AM	75F	PM
Wind		AM	2 mph; S	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

Onsite property has debris. Some slips, trips, fall hazards and potential puncture hazards (needles, sharp glass).

Summary of Work Performed	Arrived at site:	1645	Departed Site:	1715

1645 A. Carey onsite;
1700 Cut down well PVC of MW-9S to allow PVC plug cover to be installed flush with sidewalk. Removed ~1.875 inches
1715 A. Carey offsite.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Adam Carey	EA	Geologist	.5

Equipment Description	Contractor/Vendor	Quantity	Used
Pickup truck	EA	1	Yes

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

*

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None		**Yes**	**No**
		Yes	**No**

Site Representatives

Name	Representing
Adam Carey	EA

Project Schedule Comments

Issues Pending

This well needs a more permanent fix with a new curb box and steel cover. PVC will not hold up permanently due to sidewalk traffic and activity.

Interaction with Public, Property Owners, Media, etc.

None.

Site Photographs (Descriptions Below)	
	
Prepping well MW-9S to have PVC cut down.	Cutting and capping of MW-9S complete.

Site Inspector(s): Adam Carey	**Date: 10/01/2024**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments: N/A			

* BART – Best Available Retrofit Technology

DAILY INSPECTION REPORT
(Dinaburg), Site No. 828103

Date: 12/04/2024

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806
DEC PM – J.Stefansky
Engineer PM – A.Etringer

Site Location: 1012 South Clinton Ave, Rochester 14620

Weather Conditions				
General Description	Cloudy	AM	Snowy	PM
Temperature	27F	AM	29F	PM
Wind	14 mph SSW	AM	16 mph S	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	No X	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA X
Were there any nuisance issues reported/observed on this date?	*Yes	No X	NA

Health & Safety Comments

Onsite property has debris. Some slips, trips, fall hazards and potential puncture hazards (needles, sharp glass).

Summary of Work Performed	Arrived at site:	0900	Departed Site:	1100

0900 C. Derrick and K. Cassidy (EA) onsite. Equipment already calibrated at warehouse in AM.
0927 Sample MW-20S via PDB for VOCs.
0938 Begin purge at MW-20S via low flow peristaltic pump.
1020 Sample MW-20S via low flow, sample ID: 828103-MW-20S-LF-20241204 with duplicate: 828103-DUP-20241204.
1032 Deploy 350 mL PDB at MW-20S, take EQB.
1100 EA offsite to pack and ship samples.

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Cassandra Derrick	EA	Geologist	2
Katie Cassidy	EA	Scientist	2

Equipment Description	Contractor/Vendor	Quantity	Used
Heron Water Level Meter	Pine Environmental	1	Yes
PID	Pine Environmental	1	No
Horiba U-52	Pine Environmental	1	Yes
Peristaltic Pump	Pine Environmental	1	Yes

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:

Visitors to Site			
Name	**Representing**	**Entered Exclusion/CRZ Zone**	
None		**Yes**	**No**
		Yes	**No**

Site Representatives	
Name	**Representing**
Cassandra Derrick	EA
Katie Cassidy	EA

Project Schedule Comments

None.

Issues Pending

None.

Interaction with Public, Property Owners, Media, etc.

None.

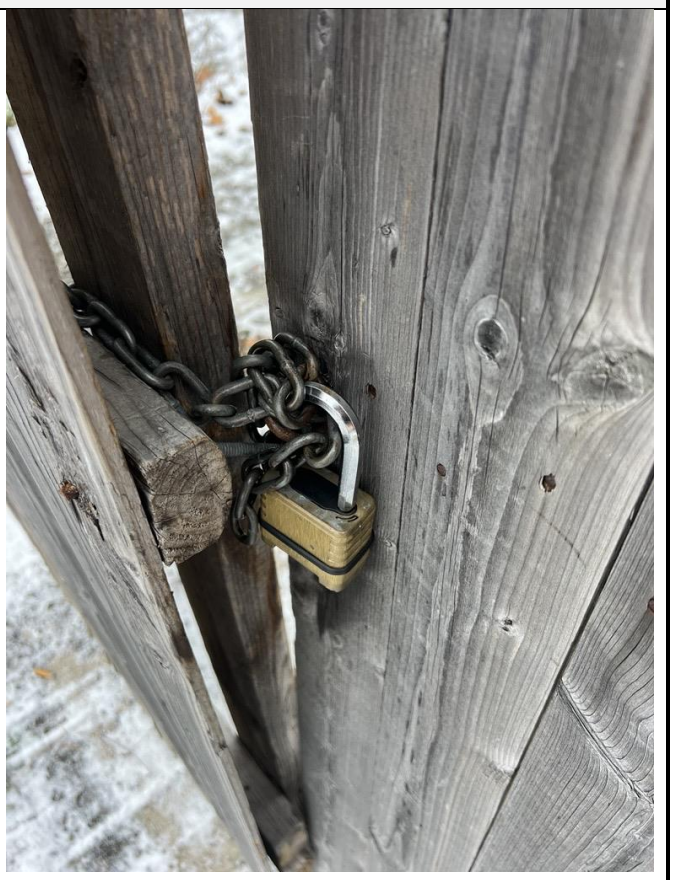
Sample IDs

Sample ID	Media Sampled
828103-MW-20S-PDB-20241204	PDB sample at MW-20S
828103-MW-20S-LF-20241204	Low flow sample at MW-20S
828103-DUP-20241204	Duplicate of low flow sample at MW-20S

Site Photos



Low flow setup on MW-20S.



Gate closed and locked upon leaving site.

Site Inspector(s): Cassandra Derrick	**Date: 12/04/2024**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☒

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments: N/A			

* BART – Best Available Retrofit Technology

Appendix B.

Inspection Forms

Site Inspection Checklist

Site Name (Number): Dinaburg (828103) Date/Time: 9/25/24, 1400

Site Address (nearest cross street): 1012 South Clinton Ave. Rochester, NY 14620

Weather: 65°F rainy		Personnel:	C. Derrick M. Gilkey

Site property description (.e.g, buildings, fencing, gates, etc) fenced in area with gate; wells additionally offsite

Building(s): N/A	Stories: N/A	In Use/Active: N	
Bldg material: N/A		Area Use (R/C/I): ~~N/A~~ R/C Residential/commercial	
Fenced (Y/N) (material): Y, wooden		Gate(s): Y, 1	Lock(s): Y

Nearest adjacent buildings (and descriptions):
Businesses and residential housing surround the fenced-in portion of the site

Site Surface Hydrology

Surface water drainage/Impoundments: N/A	Creeks/Streams: N/A
Ponds/Water front N/A	

Site Features

Asphalt/Concrete (%) : onsite 0% offsite 100%	Condition:
Slope/Direction (steep/flat,hilly, etc.) None	
Vegetation (grassy/trees/shrubs; overgrown, etc.) grass/native vegetation/small trees onsite	
Overhead Utilities (electric/data/phone): N/A	
Subsurface Utilities and Locations: N/A	
Monitoring Wells (see attached checklist). Ref site figure	

Notes/Other Observations:

None

Site Sketch

Ref site figure

Appendix C.

Field Forms

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION	
DATE:	9/24/24
TIME:	0850
METER ID:	320916

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	6.29	4.00

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	3.96	4.96

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.0	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 09/25/24
TIME: 0820
METER ID: 32096

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	7.18	3.99

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.99	4.95

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	26.5	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/25/24
TIME: 0823
METER ID: 24305

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	7.64	4.70

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	2.69	4.49

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	36.7	0.0

COMMENTS

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 9/26/24
TIME: 0843
METER ID: 32096

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	~~3.98~~ 5.21	3.98

CW

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.21	4.43

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	3.0	1.1

COMMENTS

	mg/L	mg/L
PO	10.81	9.86

SIGNATURE

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION	
DATE:	9/26/24
TIME:	0844
METER ID:	2805

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.45	4.05

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.45	4.49

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	37.1	1.5

COMMENTS

	mg/L	mg/L
DO	12.10	10.37

SIGNATURE

FIELD CALIBRATION FORM

Site Name: Dinaburg Distributing, Inc. Site (828103)

INSTRUMENT: PID Mini RAE	INSTRUMENT ID No: 23567
OPERATOR: M. Wright	WEATHER: 60 clouds
SPAN GAS TYPE: Isobutylene	DATE: 9/9/24
CALIBRATION NOTES:	
Zero cal = 0.0 ppm	
Span cal = 100.0 ppm	
COMMENTS:	
NONE	
SIGNATURE: [signature]	DATE: 9/9/24

FIELD CALIBRATION FORM

Site Name: Dinaburg (82810 S)

INSTRUMENT: RKI GX-6000	INSTRUMENT ID No: 42039
OPERATOR: C. Derrick/M. Gilley	WEATHER: 61°F, cloudy
SPAN GAS TYPE: Isobutylene	DATE: 9/24/24
CALIBRATION NOTES:	
Air cal = 0.0 ppm	
Autocal = 107.0 ppm	
COMMENTS: None	
SIGNATURE:	DATE: 9/24/24

FIELD CALIBRATION FORM

Site Name: Dinaburg (828103)

INSTRUMENT: RKI GX-6000	INSTRUMENT ID No: 42217
OPERATOR: C. Derrick/M. Gilkey	WEATHER: 63°F, cloudy
SPAN GAS TYPE: Isobutylene	DATE: 9/25/24
CALIBRATION NOTES:	
Air cal = 0.0 ppm	
Span @ cal = 108.2 ppm Auto	
COMMENTS:	
SIGNATURE:	DATE: 9/25/24

FIELD CALIBRATION FORM

Site Name: Dinaburg (828103)

INSTRUMENT: RKI GX-6000	INSTRUMENT ID No: 42039
OPERATOR: C. Derrick	WEATHER: 63°F, cloudy
SPAN GAS TYPE: Isobutylene	DATE: 9/25/24
CALIBRATION NOTES:	
Air cal = 0.0 ppm	
Auto cal = 100.4 ppm	
COMMENTS:	
SIGNATURE: [signature]	DATE: 9/25/24

FIELD CALIBRATION FORM

Site Name: Dinaburg (828103)

INSTRUMENT: RKI GX-6000	INSTRUMENT ID No: 42039
OPERATOR: C. Derrick/N. Robinson	WEATHER: 64°F, rainy
SPAN GAS TYPE: Isobutylene	DATE: 9/26/24
CALIBRATION NOTES:	
Auto cal 100.0	
Air cal 0.0	
COMMENTS:	
SIGNATURE:	DATE: 9/26/24

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-08A

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 19.5 – 24.5

Well Casing: Diameter: 2 Material: Steel

Well Screen: Diameter: 2

Deployment

Date and Time of Deployment Date: 9/9/24 Time: 1015

Weather Conditions: 65 sun

Depth to GW @ Time of Deployment: 8.80 24.30

Type of PDB Used:

[X] Lab Filled (Modified Trip Blank must be taken at time of deployment)

[X] (DUP) Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: Length (in.): 12 Diameter (in.): 1.5

Position of PDB Weight:

[ ] [ ] Attached to bottom of PDB and suspended in well

[ ] [X] Attached to bottom of deployment line and suspended in well

[X] [X] (DUP) Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval Date: 9/25/24 Time: 0955

Total # of Days Deployed: 16 days

Weather Conditions: 63°F, cloudy

Depth to GW at Time of Retrieval: 9.42 DTB = 24.29

Downhole Field Paramaters Upon Retrieval: PID = 0.4 ppm

Temp 16.70 ORP -158 Cond. 0.921 Water Quality Meter: Horiba U-52

pH 6.71 DO 0.49 Turb. 65.1 Serial #: 24305

Notes/Observations: No QA/QC

Field Sampling Tech: C Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-03CA

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 25.5 - 30.5

Well Casing: **Diameter:** 2 **Material:** Steel

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1010

Weather Conditions: 65 sun

Depth to GW @ Time of Deployment: 11.55 29.86

Type of PDB Used:

[X] Lab Filled (Modified Trip Blank must be taken at time of deployment)

[X] (CD) Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[X] Attached to bottom of deployment line and suspended in well

[X] (CD) Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 09/25/24 **Time:** 1230

Total # of Days Deployed: 16 days

Weather Conditions: 72°F, cloudy

Depth to GW at Time of Retrieval: 11.71 DTB = 29.73

Downhole Field Paramaters Upon Retrieval: PID = 0.7 ppm

Temp 17.99 ORP -107 Cond. 1.38 Water Quality Meter: Horiba U-52

pH 6.43 DO 0.38 Turb. 198 Serial #: 24305

Notes/Observations: No QA/QC

Field Sampling Tech: C. Derrick / M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-03D

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____ btoc

Total Depth as Constructed (ft bgs): **Screened Interval:** 41.6 – 51.6 ft ~~bgs~~ (CB)

Well Casing: **Diameter:** 2 **Material:** ~~Steel~~ PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1018

Weather Conditions: 65 clouds

Depth to GW @ Time of Deployment: 18.41 51.65

Type of PDB Used:

[X] Lab Filled (Modified Trip Blank must be taken at time of deployment)

[ ] (CB) Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[ ] Attached to bottom of deployment line and suspended in well

[X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1645

Total # of Days Deployed: 15 days

Weather Conditions: 65°F, cloudy/overcast

Depth to GW at Time of Retrieval: 18.22 DTB = 51.65

Downhole Field Paramaters Upon Retrieval: PID = 1.7 ppm

Temp 15.86 ORP -65 Cond. 0.887 **Water Quality Meter:** Horiba U-52

pH 7.41 DO 5.39 Turb. 40.8 **Serial #:** ~~32[illegible]~~ 32096 (CB)

Notes/Observations: No QA/QC

Field Sampling Tech: C. Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-04

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [✓] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 8-23 ft ~~bTOC~~

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1216

Weather Conditions: 65 Sun

Depth to GW @ Time of Deployment: 9.10 25.00

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1539

Total # of Days Deployed: 15 days

Weather Conditions: 66°F, rainy

Depth to GW at Time of Retrieval: 9.92 DTB = 23.00

Downhole Field Paramaters Upon Retrieval: PID = 0.8

Temp 17.65 ORP 103 Cond. 1.07 Water Quality Meter: Horiba U-52

pH 7.20 DO 2.00 Turb. 782 Serial #: ~~32069~~ 32096 (00)

Notes/Observations: DUP-2 taken here

Field Sampling Tech: C. Dearth/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-65

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 8.5 - 23.5 ft bTOC

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1200

Weather Conditions: 65 clouds

Depth to GW @ Time of Deployment: 9.26 22.66

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1040

Total # of Days Deployed: 15 days

Weather Conditions: 64°F, cloudy

Depth to GW at Time of Retrieval: 9.63 DTB = 22.64

Downhole Field Paramaters Upon Retrieval: PID = 1.1 ppm

Temp 19.08 ORP 69 Cond. 1.51 **Water Quality Meter:** Horiba U-52

pH 7.16 DO 2.89 Turb. 71.6 **Serial #:** ~~32069~~ 32096

Notes/Observations: NO QA/QC

Field Sampling Tech: C. Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-06

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 4.5-19.5 ft bTOC

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1115

Weather Conditions: 65 sun

Depth to GW @ Time of Deployment: 7.31 19.50

Type of PDB Used:

[X] Lab Filled (Modified Trip Blank must be taken at time of deployment)

[ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[ ] Attached to bottom of deployment line and suspended in well

[X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1322

Total # of Days Deployed: 15 days

Weather Conditions: 63°F, cloudy

Depth to GW at Time of Retrieval: 8.51 DTB= 16.77

Downhole Field Paramaters Upon Retrieval: PID= 0.9 ppm

Temp 18.74 ORP 79 Cond. 1.19 **Water Quality Meter:** Horiba U-52

pH 7.27 DO 1.53 Turb. 2.6 **Serial #:** ~~32069~~ 32096 (D)

Notes/Observations: No QA/QC; hard bottom

Field Sampling Tech: C. Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-8C

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 7.9 - 17.9 ft bTOC

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1305

Weather Conditions: 65 sun

Depth to GW @ Time of Deployment: 7.43 18.81

Type of PDB Used:

[X] Lab Filled (Modified Trip Blank must be taken at time of deployment)

[ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[ ] Attached to bottom of deployment line and suspended in well

[X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1402

Total # of Days Deployed: 15 days

Weather Conditions: 66°F, rainy

Depth to GW at Time of Retrieval: 8.24 DTB = 18.84

Downhole Field Paramaters Upon Retrieval: PID = 0.0 ppm

Temp 18.06 ORP 93 Cond. 0.993 Water Quality Meter: Horiba U-52

pH 7.54 DO 2.64 Turb. 345 Serial #: ~~32069~~ 32096

Notes/Observations: No QA/QC

Field Sampling Tech: C. Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-35

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 6-16 ft bTOC

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1310

Weather Conditions:

Depth to GW @ Time of Deployment: 6.35 10.13

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1352

Total # of Days Deployed: 15 days

Weather Conditions: 66°F, rainy

Depth to GW at Time of Retrieval: 7.46 DTB = 9.92

Downhole Field Paramaters Upon Retrieval: PID = 0.6 ppm

Temp 18.61 ORP 88 Cond. 1.19 **Water Quality Meter:** Horiba U-52

pH 7.28 DO 2.20 Turb. 216 **Serial #:** ~~32069~~ 32096 (CD)

Notes/Observations: No QA/QC

Field Sampling Tech: C. Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-9K

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): _____ **Screened Interval:** 12.7-22.7 ft bTOC

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** _____

Weather Conditions: 65 clouds

Depth to GW @ Time of Deployment: 9.65 23.70

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1200

Total # of Days Deployed: 15 days

Weather Conditions: 65°F, partly sunny

Depth to GW at Time of Retrieval: 9.29 DTB = 23.48

Downhole Field Paramaters Upon Retrieval: PID = 0.6 ppm

Temp 20.77 ORP 70 Cond. 2.06 **Water Quality Meter:** Horiba U-52

pH 7.41 DO 2.67 Turb. 49.7 **Serial #:** 32069

Notes/Observations: No QA/QC

No well cover - appr. 4-5 in diameter plastic cover needed (photo in DFR)

Field Sampling Tech: C. Derrick / M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-95

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 6-16 ft btoc

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/25 **Time:** 1333

Weather Conditions: 7 65 clouds

Depth to GW @ Time of Deployment: 7.75 14.78

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1148

Total # of Days Deployed: 15 days

Weather Conditions: 65°F, partly sunny

Depth to GW at Time of Retrieval: 8.93 DTB= 14.78

Downhole Field Paramaters Upon Retrieval: PID=0.0ppm

Temp 21.12 ORP 62 Cond. 2.41 **Water Quality Meter:** Horiba U-52

pH 7.56 DO 3.63 Turb. 171 **Serial #:** ~~32058~~ 32016 (CD)

Notes/Observations: No QA/QC

Field Sampling Tech: C. Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-105

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 4.7-14.7 ft bTOC

Well Casing: Diameter: 2 **Material:** PVC

Well Screen: Diameter: 2

Deployment

Date and Time of Deployment Date: 9/9/24 Time: 1110

Weather Conditions: 65 sun

Depth to GW @ Time of Deployment: 6.09 15.14

Type of PDB Used:

[ ] Lab Filled (Modified Trip Blank must be taken at time of deployment)

[X] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: Length (in.): 12 Diameter (in.): 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[ ] Attached to bottom of deployment line and suspended in well

[X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval Date: 9/26/24 Time: 1030

Total # of Days Deployed: 17 days

Weather Conditions: 63°F, raining

Depth to GW at Time of Retrieval: 6.75 DTB=15.14

Downhole Field Paramaters Upon Retrieval: PID=1.6 ppm

Temp 17.38 ORP 90 Cond. 0.997 Water Quality Meter: Horiba U-52

pH 6.50 DO 1.50 Turb. 9.4 Serial #: ~~32096~~ 32096

Notes/Observations: No QA/QC

Field Sampling Tech: C. Derrick N. Robinson

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-11S

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 4-14 ft bTOC

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1254

Weather Conditions: 65 sun

Depth to GW @ Time of Deployment: 8.51 13.56

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [X] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1454

Total # of Days Deployed: 15days

Weather Conditions: 66°F, rainy

Depth to GW at Time of Retrieval: 8.72 DTB=13.30

Downhole Field Paramaters Upon Retrieval: PID=0.0 ppm

Temp 17.16 ORP 63 Cond. 1.47 **Water Quality Meter:** Horiba U-52

pH 7.03 DO 1.66 Turb. 647 **Serial #:** 320609

Notes/Observations: No QA/QC

Well cover does not fit properly with j-plug on - PVC will need to be cut down.

Field Sampling Tech: C. Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-12K

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 13.86 - 18.61 Ft bTOC

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1222

Weather Conditions: 65 clouds

Depth to GW @ Time of Deployment: 8.32 18.74

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1512

Total # of Days Deployed: 15 days

Weather Conditions: 66°F, cloudy

Depth to GW at Time of Retrieval: 9.00 DTB = 18.73

Downhole Field Paramaters Upon Retrieval: PID = 0.8 ppm

Temp 17.17 ORP 83 Cond. 0.844 Water Quality Meter: Horiba U-52

pH 7.28 DO 3.68 Turb. 89.2 Serial #: ~~32069~~ 32096

(4)

Notes/Observations: No QA/QC

Field Sampling Tech: R. Derrah / M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-12S

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: 8.56-13.36 ft bTOC

Total Depth as Constructed (ft bgs): _____ **Screened Interval:** _____

Well Casing: Diameter: 2 Material: PVC

Well Screen: Diameter: 2

Deployment

Date and Time of Deployment Date: 9/9/24 Time: 1220

Weather Conditions: 65 cloudy

Depth to GW @ Time of Deployment: ~~5.93~~ 13.63

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: Length (in.): 12 Diameter (in.): 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval Date: 9/24/24 Time: 1526

Total # of Days Deployed: 15 days

Weather Conditions: 66°F, cloudy

Depth to GW at Time of Retrieval: 7.69 DTB = 13.65

Downhole Field Paramaters Upon Retrieval: PID = 0.2

Temp 17.49 ORP 93 Cond. 0.985 Water Quality Meter: Horiba U-52

pH 7.21 DO 2.09 Turb. 137 Serial #: ~~32069~~ 32096

Notes/Observations: No QA/QC

Field Sampling Tech: CDerrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-13K

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 14.92 - 19.92

Well Casing: **Diameter:** 2 **Material:** Steel

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1040

Weather Conditions: 65 Sun

Depth to GW @ Time of Deployment: 8.80 20.22

Type of PDB Used:

[ ] Lab Filled (Modified Trip Blank must be taken at time of deployment)

[X] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 17 **Diameter (in.):** 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[ ] Attached to bottom of deployment line and suspended in well

[X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 0956

Total # of Days Deployed: 15 days

Weather Conditions: 61°F, cloudy

Depth to GW at Time of Retrieval: 9.33 DTB = 20.15 ⇒ soft bottom

Downhole Field Paramaters Upon Retrieval: PID = 1.9 ppm

Temp 18.94 ORP -109 Cond. 0.290 Water Quality Meter: Horiba U-52

pH 7.41 DO 9.17 Turb. 311 Serial #: 32096

Notes/Observations: DUP; soft bottom

Field Sampling Tech: C. Derrick / M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-19KA

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 19.4 - 24.4

Well Casing: **Diameter:** 2 **Material:** _____

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 0939

Weather Conditions: 60 clouds

Depth to GW @ Time of Deployment: 9.65 24.10

Type of PDB Used:

[ ] Lab Filled (Modified Trip Blank must be taken at time of deployment)

[X] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[ ] Attached to bottom of deployment line and suspended in well

[X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 09/25/24 **Time:** 1115

Total # of Days Deployed: 16 days

Weather Conditions: 63°F, partly sunny

Depth to GW at Time of Retrieval: DTB = 24.07

Downhole Field Paramaters Upon Retrieval: PID = 35.7 ppm

Temp 17.99 ORP -191 Cond. 1.19 Water Quality Meter: Horiba U-52

pH 6.72 DO 0.36 Turb. 25.7 Serial #: ~~32069~~ 32096

Notes/Observations: Covered w/ dirt, had to excavate

No QA/QC

Field Sampling Tech: C. Derrick / M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-15 IC

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 20.3 - 25.3

Well Casing: **Diameter:** 2 **Material:** ~~P~~ steel

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** ~~950~~ 1400

Weather Conditions: 60°F

Depth to GW @ Time of Deployment: 9.60 24.98

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 0930

Total # of Days Deployed: 15 days

Weather Conditions: 61°F, cloudy

Depth to GW at Time of Retrieval: 9.20 DTW = 25.00

Downhole Field Paramaters Upon Retrieval: PID = 4.3 ppm

Temp 17.87 ORP -15 Cond. 0.704 Water Quality Meter: ~~25 Horiba U~~ 52

pH 8.64 DO 4.42 Turb. 22.9 Serial #: 32096

Notes/Observations: ~~No POS Recovered~~ CD, PDB got stuck in casing and burst during retrieval. Reattempted and got PDB Down Used Extra weights MS/MSD taken

Field Sampling Tech: C. Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-15S

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 5.5 - 15.5 ft BTOC

Well Casing: **Diameter:** 2 **Material:** Steel

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 848

Weather Conditions: 60 clouds

Depth to GW @ Time of Deployment: 5.70 14.92 TD

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [X] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 0910

Total # of Days Deployed: 15 days

Weather Conditions: 61°F, cloudy

Depth to GW at Time of Retrieval: 7.54 DTB = 14.92

Downhole Field Paramaters Upon Retrieval: PID = 5.7 ppm

Temp 17.96 ORP 119 Cond. 0.552 Water Quality Meter: Horiba U-52

pH 4.41 DO 9.76 Turb. 247 Serial #: ~~32096~~ 32096

Notes/Observations: No QC.

Field Sampling Tech: C. Derrick / M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-16K

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 20.5-25.5 ft btoc

Well Casing: **Diameter:** 2 **Material:** Steel

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 0953

Weather Conditions: 60 Clouds

Depth to GW @ Time of Deployment: 8.61 24.98

Type of PDB Used:

[X] Lab Filled (Modified Trip Blank must be taken at time of deployment)

(D) [X] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[ ] Attached to bottom of deployment line and suspended in well

[X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1703

Total # of Days Deployed: 15 days

Weather Conditions: 65°F overcast

Depth to GW at Time of Retrieval: 9.02 DTB = 25.00

Downhole Field Paramaters Upon Retrieval: PID = 22.4 ppm

Temp 16.33 ORP 31 Cond. 0.696 Water Quality Meter: Horiba U-52

pH 7.60 DO 4.43 Turb. 30.2 Serial #: ~~32069~~ 32096 (RB)

Notes/Observations: No QA/QC

Field Sampling Tech: C. Derrick / M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-16S

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 5.5-15.5 ft bTOC

Well Casing: **Diameter:** 2 **Material:** Steel

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 0924

Weather Conditions: 60 clouds

Depth to GW @ Time of Deployment: 9.07 15.25

Type of PDB Used:

[X] Lab Filled (Modified Trip Blank must be taken at time of deployment)

[X] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[ ] Attached to bottom of deployment line and suspended in well

[X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/25/24 **Time:** 0848

Total # of Days Deployed: 16 days

Weather Conditions: 63°F, cloudy

Depth to GW at Time of Retrieval: 10.18 DTB=15.23

Downhole Field Paramaters Upon Retrieval: PID=0.1 ppm

Temp 15.65 ORP 156 Cond. 1.03 **Water Quality Meter:** Horiba U-52

pH 6.17 DO 1.60 Turb. 409 **Serial #:** ~~32069~~ 32016

Notes/Observations: No QA/QC

Field Sampling Tech: C. Denicole/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-17S

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 6.5 - 15.6 ft bTOC

Well Casing: **Diameter:** 2 **Material:** Steel

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 0949

Weather Conditions: 60 clouds

Depth to GW @ Time of Deployment: 6.65 14.95

Type of PDB Used:

[X] Lab Filled (Modified Trip Blank must be taken at time of deployment)

[X] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** ~~12~~ 12 **Diameter (in.):** 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[ ] Attached to bottom of deployment line and suspended in well

[X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1715

Total # of Days Deployed: 15 days

Weather Conditions: 65°F, overcast

Depth to GW at Time of Retrieval: 7.98 DTB = 14.95

Downhole Field Paramaters Upon Retrieval: PID = 1.8 ppm

Temp 16.19 ORP 74 Cond. 0.911 Water Quality Meter: Horiba U-52

pH 7.00 DO 3.50 Turb. 1000 Serial #: ~~32069~~ 32096

Notes/Observations: No QA/QC

Field Sampling Tech: C. Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-185

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 5-15 ft bTOC

Well Casing: **Diameter:** 2 **Material:** Steel

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 0917

Weather Conditions: 60 Clouds

Depth to GW @ Time of Deployment: 7.57 14.91

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/25/24 **Time:** 0910

Total # of Days Deployed: 16 days

Weather Conditions: 63°F, cloudy

Depth to GW at Time of Retrieval: 8.30 DTB = 14.95

Downhole Field Paramaters Upon Retrieval: PID = 2.5 ppm

Temp 16.41 ORP 122 Cond. 0.780 Water Quality Meter: Horiba U-52

pH 6.71 DO 2.40 Turb. 267 Serial #: ~~32069~~ 32096

Notes/Observations: No QA/QC

Field Sampling Tech: C. Derrick / M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-19S

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 4.8-14.8 ft bTOC

Well Casing: **Diameter:** 2 **Material:** Steel

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 0957

Weather Conditions: 65 clouds

Depth to GW @ Time of Deployment: 7.07 14.95

Type of PDB Used:

[X] Lab Filled (Modified Trip Blank must be taken at time of deployment)

(S) [X] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[ ] Attached to bottom of deployment line and suspended in well

[X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/25/24 **Time:** 1258

Total # of Days Deployed: 16 days

Weather Conditions: 63°F, partly sunny

Depth to GW at Time of Retrieval: 8.77 DTB = 14.94 ft bTOC

Downhole Field Paramaters Upon Retrieval: PID = 82.4 ppm

Temp 17.02 ORP 55 Cond. 1.03 **Water Quality Meter:** Horiba U-52

pH 6.30 DO 0.32 Turb. 9.3 **Serial #:** 32096

Notes/Observations: Odor = degreaser smell
NO QA/QC

Field Sampling Tech: C. Derrick / M. Gilbey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-205

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 5-15 ft btoc

Well Casing: **Diameter:** 2 **Material:** Steel

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1035

Weather Conditions: 65 sunny

Depth to GW @ Time of Deployment: 8.10 14.94

Type of PDB Used:

[ ] Lab Filled (Modified Trip Blank must be taken at time of deployment)

[X] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.) (DD)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:

[ ] Attached to bottom of PDB and suspended in well

[ ] Attached to bottom of deployment line and suspended in well

[X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/25/24 **Time:** 1000 PID: 16.9 ppm

Total # of Days Deployed: 16 days

Weather Conditions: 68°F, partly sunny

Depth to GW at Time of Retrieval: 9.33 DTB = ~~15.46~~ 14.95 (ED)

Downhole Field Paramaters Upon Retrieval:

Temp 16.89 ORP 63 Cond. 1.15 Water Quality Meter: Horiba U-52

pH 6.60 DO 0.90 Turb. 0.0 Serial #: ~~32069~~ 32016 (ED)

Notes/Observations: No QA/QC

Field Sampling Tech: C. Dennett/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-21S

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 5.4-15.4 ft bTOC

Well Casing: **Diameter:** 2 **Material:** Steel

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 0909

Weather Conditions: 60° clouds

Depth to GW @ Time of Deployment: 6.37 14.93

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** ~~5~~ 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [~] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1626

Total # of Days Deployed: 15 days

Weather Conditions: 65°F, rainy

Depth to GW at Time of Retrieval: 8.50 DTB= 14.95

Downhole Field Paramaters Upon Retrieval: PID = 2.4 ppm

Temp 17.71 ORP -160 Cond. 0.978 **Water Quality Meter:** Horiba U-52

pH 6.95 DO 1.34 Turb. 125 **Serial #:** ~~32069~~ 32096 (CD)

Notes/Observations: sampled 350 mL PDB and No QA/QC, deployed 500 mL PDB here.

Field Sampling Tech: Q. Decrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-22IC

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 18.04 - 28.04 ft bTOC

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1520

Weather Conditions: 65 sun

Depth to GW @ Time of Deployment: 8.30 28.23

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** ~~4~~ 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1420

Total # of Days Deployed: 15 days

Weather Conditions: 66°F, rainy

Depth to GW at Time of Retrieval: 8.72 DTB = 28.20

Downhole Field Paramaters Upon Retrieval: PID = 0.8

Temp 16.94 ORP 62 Cond. 0.971 Water Quality Meter: Horiba U-52

pH 7.42 DO 2.70 Turb. 56.3 Serial #: ~~32069~~ 82096

Notes/Observations: No QA/QC

Field Sampling Tech: C. Derrick / M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: P2-22S

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): _____ **Screened Interval:** 1.92-11.92 ft btoc

Well Casing: Diameter: 1 **Material:** PVC

Well Screen: Diameter: 1

Deployment

Date and Time of Deployment Date: 9/9/24 Time: 1315

Weather Conditions: 65 sun

Depth to GW @ Time of Deployment: 7.10 13.64

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: Length (in.): 36 Diameter (in.): 1

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval Date: 9/24/24 Time: 1430

Total # of Days Deployed: 15 days

Weather Conditions: 66°F, rainy

Depth to GW at Time of Retrieval: 7.73 DTB = 13.21

Downhole Field Paramaters Upon Retrieval: PID = 0.4 ppm

Temp 17.22 ORP 73 Cond. 0.600 Water Quality Meter: Horiba U-52

pH 7.50 DO 2.52 Turb. >1000 Serial #: 32069 (ED) 32096

Notes/Observations: No QA/QC

Field Sampling Tech: C. Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-23I

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 20.03 - 30.03 ft btoc

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1152

Weather Conditions: 65 cloudy

Depth to GW @ Time of Deployment: 8.40 30.24

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1022

Total # of Days Deployed: 15 days

Weather Conditions: 63°F, cloudy

Depth to GW at Time of Retrieval: 8.81 DTB= 30.25

Downhole Field Paramaters Upon Retrieval: PID=1.8 ppm

Temp 17.83 ORP 69 Cond. 1.09 **Water Quality Meter:** Horiba U-52

pH 7.19 DO 3.01 Turb. 47.6 **Serial #:** ~~32069~~ 32096 (CD)

Notes/Observations: NO QA/QC, hard bottom

Field Sampling Tech: C. Derrick/M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MW-24/K

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 17.7-27.7 ft btoc

Well Casing: **Diameter:** 2 **Material:** PVC

Well Screen: **Diameter:** 2

Deployment

Date and Time of Deployment **Date:** 7/9/24 **Time:** 1138

Weather Conditions: 65 sun

Depth to GW @ Time of Deployment: 8.71 27.90

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1106

Total # of Days Deployed: 15 days

Weather Conditions: 65°F cloudy

Depth to GW at Time of Retrieval: 9.14 DTB = 27.90

Downhole Field Paramaters Upon Retrieval: PID=0.7 ppm

Temp 19.83 ORP 99 Cond. 0.941 **Water Quality Meter:** Horiba U-52

pH 6.87 DO 2.70 Turb. 37.8 **Serial #:** ~~32069~~ 32096

Notes/Observations: No QA/QC

Field Sampling Tech: C.Derrick/M.Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: PZ-245

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 3.89 - 13.89 ft bTOC

Well Casing: **Diameter:** 1 **Material:** PVC

Well Screen: **Diameter:** 1

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1133

Weather Conditions: 65 Sun

Depth to GW @ Time of Deployment: 7.65 13.40

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 48 **Diameter (in.):** 1

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** 9/24/24 **Time:** 1122

Total # of Days Deployed: 15 days

Weather Conditions: 65°F, Partly Sunny

Depth to GW at Time of Retrieval: 8.43 BTB = 13.44

Downhole Field Paramaters Upon Retrieval:

Temp 21.12 ORP 57 Cond. 0.002 Water Quality Meter: Horiba U-52

pH 7.35 DO 9.18 Turb. 0.0 Serial #: ~~32069~~ 32096 (D)

Notes/Observations: NO QA/QC

Field Sampling Tech: C. Derrick / M. Gilkey

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: GWE-2

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 20 - 23

Well Casing: **Diameter:** 4 **Material:** PVC

Well Screen: **Diameter:** 4

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** 1235

Weather Conditions: 65 sun

Depth to GW @ Time of Deployment: 8.67 22.14

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 18 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** _____ **Time:** _____

Total # of Days Deployed: _____

Weather Conditions: _____

Depth to GW at Time of Retrieval: _____

Downhole Field Paramaters Upon Retrieval:

Temp _____ **ORP** _____ **Cond.** _____ **Water Quality Meter:** _____

pH _____ **DO** _____ **Turb.** _____ **Serial #:** _____

Notes/Observations: Unable to deploy due to object on bottom of well

Field Sampling Tech: _____

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinaburg Distributing,Inc. Site

Location: Rochester, Monroe County, New York

Well ID: MPE-17

Well Type: [X] Monitoring [ ] Other: _____

Well Finish: [ ] Stick-up [X] Flush Mount

Measuring Pt: [X] Top of Casing [ ] Other: _____

Total Depth as Constructed (ft bgs): **Screened Interval:** 6-13.5 ft bTOC

Well Casing: **Diameter:** 4 **Material:** PVC

Well Screen: **Diameter:** 4

Deployment

Date and Time of Deployment **Date:** 9/9/24 **Time:** ~~1730~~

Weather Conditions: 65 clouds

Depth to GW @ Time of Deployment: 5.31 13.17

Type of PDB Used:
- [X] Lab Filled (Modified Trip Blank must be taken at time of deployment)
- [ ] Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 18 **Diameter (in.):** 1.5

Position of PDB Weight:
- [ ] Attached to bottom of PDB and suspended in well
- [ ] Attached to bottom of deployment line and suspended in well
- [X] Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks)

Date and Time of Retrieval **Date:** _____ **Time:** _____

Total # of Days Deployed: _____

Weather Conditions: _____

Depth to GW at Time of Retrieval: _____

Downhole Field Paramaters Upon Retrieval:

Temp _____ **ORP** _____ **Cond.** _____ **Water Quality Meter:** _____

pH _____ **DO** _____ **Turb.** _____ **Serial #:** _____

Notes/Observations: unable to deploy due to object on container in well

Field Sampling Tech: _____

WELL PURGING AND SAMPLING RECORD

Site Name/Location Dinaburg (828103)	Project No: 16025-34	Page 1 of 2
Well ID MW-03A	Date 9/25/24	Time 1023
Well Site Description within fenced area		
Weather/Temp 63°F, cloudy		
Field Technician C. Derrick/M. Gilkey		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 512.12	Screened Interval (ft bgs) 19.5-24.5
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 24.29	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 9.42
Product column height (ft) N/A	Water column height (ft) 14.87
Product volume (Gallons) N/A	Water volume (Gallons) 2.42
	3 Water volumes (gal) = 7.27

PURGE INFORMATION

Pump Type / ID peristaltic pump (11023)	Water Quality Meter Type / ID Horiba U-52 (24305)
Pump Intake Depth (ft) mid-screen	Flow-Thru Cell Volume (L) 1 L
Purge Start Time 1023	Appearance/Odor (Start) none
Purge End Time 1203	Appearance/Odor (End) none
Average Purge Rate (mL/min)	Total Drawdown (ft) 0

Well Went Dry (Y/N) N	Stop Time N/A	Volume removed (L) N/A
Recovery Time N/A	Recovery Rate (mL/min) N/A	Restart Purge Time N/A
Total Volume Removed (L) 25	Total Pump Time (min) 100	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1) ✓	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%) ✓	ORP (mV) (+/- 10) ✓	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/25/24	1023	0.25	—	6.32	0.563	16.47	-50	687	2.16	9.42
	1028		1.25	6.58	0.548	15.95	-151	950	1.10	9.42
	1033		2.50	6.64	0.561	15.75	-170	1000	0.67	9.42
	1038		3.75	6.66	0.607	15.99	-173	927	0.58	9.42
*	1043		5.00	6.63	0.626	16.10	-130	838	0.98	9.42
	1048		6.25	6.68	0.737	16.05	-157	700	0.60	9.42
	1053		7.50	6.69	0.770	16.13	-158	611	0.56	9.42
	1058		8.75	6.69	0.800	16.54	-159	527	0.55	9.42
	@1103		10.00	6.71	0.813	16.41	-159	452	0.51	9.39
	1108		11.25	6.72	0.832	16.40	-159	234	0.51	9.40
	1113		12.50	6.70	0.860	16.39	-159	167	0.50	9.42

COMMENTS PID = 0.4 ppm

*Flush Horiba before 1043 reading.

SAMPLE COLLECTION

Sample Date 9/25/24	Sample Time 1138
Sample ID 828103-MW-03A-20240925	
QA/QC Collected / ID none	Sample Appearance/Odor none
Analyses MNA Parameters	
Sampler C. Derrick	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Project No:	Page 2 of 2
Well ID MW-03A	Date	Time
Well Site Description		
Weather/Temp		
Field Technician		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.)	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	Gallons per foot of depth
Depth to product (ft)	Static water level (ft)
Product column height (ft)	Water column height (ft)
Product volume (Gallons)	Water volume (Gallons)

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PURGE INFORMATION

Pump Type / ID		Water Quality Meter Type / ID
Pump Intake Depth (ft)		Flow-Thru Cell Volume (L)
Purge Start Time		Appearance/Odor (Start)
Purge End Time		Appearance/Odor (End)
Average Purge Rate (mL/min)		Total Drawdown (ft)
Well Went Dry (Y/N)	Stop Time	Volume removed (L)
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)		Total Pump Time (min)

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/25/24	1118	0.25	13.75	6.69	0.873	16.36	-159	110	0.50	9.42
	1123		15.00	6.69	0.890	16.40	-159	82.8	0.50	9.42
	1128		16.25	6.71	0.896	16.52	-159	70.1	0.50	9.42
	1133		17.50	6.70	0.905	16.63	-159	69.5	0.49	9.42
	1138		18.75	6.71	0.921	16.70	-158	65.1	0.49	9.42
					SAMPLE					

COMMENTS _____

SAMPLE COLLECTION

Sample Date	Sample Time
Sample ID	
QA/QC Collected / ID	Sample Appearance/Odor
Analyses	
Sampler	Signature

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WELL PURGING AND SAMPLING RECORD

Site Name/Location Dinaburg (828103)	Project No: 16025-34	Page 1 of 1
Well ID MW-03CA	Date 9/25/24	Time 1248
Well Site Description within fenced area of site		
Weather/Temp 72°F, cloudy		
Field Technician C. Derrick / M. Gilkey		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 511.78	Screened Interval (ft bgs) 25.5 - 30.5
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 29.73	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 11.71
Product column height (ft) N/A	Water column height (ft) 18.02
Product volume (Gallons) N/A	Water volume (Gallons) 2.94
	3 water volumes = 8.81 gal

PURGE INFORMATION

Pump Type / ID peristaltic pump (11023)		Water Quality Meter Type / ID Horiba U-52 (24305)
Pump Intake Depth (ft) mid-screen		Flow-Thru Cell Volume (L) 1L
Purge Start Time 1248		Appearance/Odor (Start) none
Purge End Time 1358		Appearance/Odor (End) none
Average Purge Rate (mL/min) 0.25		Total Drawdown (ft) 0.01
Well Went Dry (Y/N) N/A	Stop Time N/A	Volume removed (L) N/A
Recovery Time N/A	Recovery Rate (mL/min) N/A	Restart Purge Time N/A
Total Volume Removed (L) 17.5		Total Pump Time (min) 70

Date	Time	Purge Rate (mL/min)	Volume Removed (L)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
09/25/24	1248	0.25	—	6.93	0.607	20.95	-96	277	1.18	11.71
	1253		1.25	6.65	0.816	18.91	-123	294	0.66	11.68
	1258		2.50	6.56	0.953	18.81	-118	290	0.57	11.62
	1303		3.75	6.49	1.12	18.67	-110	283	0.49	11.55
	1308		5.00	6.45	1.28	18.82	-109	267	0.47	11.48
	1313		6.25	6.40	1.28	18.91	-109	248	0.49	11.40
	1318		7.50	6.44	1.29	18.71	-108	228	0.44	11.38
	1323		8.75	6.45	1.36	18.38	-108	202	0.42	11.60
	1328		10.00	6.45	1.38	18.17	-107	200	0.40	11.70
	1333		11.25	6.43	1.38	17.99	-107	198	0.38	11.72
						SAMPLE				

COMMENTS PID = 0.7 ppm

SAMPLE COLLECTION

Sample Date 09/25/24	Sample Time 1333
Sample ID 828103-MW-03CA-20240925	
QA/QC Collected / ID none	Sample Appearance/Odor none
Analyses MNA parameters	
Sampler C. Derrick	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location Dinaburg (828103)	Project No: 16025-34	Page 1 of 1
Well ID MW-08K	Date 9/25/24	Time 1509
Well Site Description Offsite, sidewalk		
Weather/Temp 72°F, overcast		
Field Technician C. Derrick / M. Gilkey		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 511.24	Screened Interval (ft bgs) 7.9 - 17.9 ft b TOC
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 18.84	Gallons per foot of depth 0.163
Depth to product (ft) N/A	Static water level (ft) 8.09
Product column height (ft) N/A	Water column height (ft) 10.75
Product volume (Gallons) N/A	Water volume (Gallons) 1.75

3 water volumes = 5.26 gal

PURGE INFORMATION

Pump Type / ID peristaltic pump (11023)	Water Quality Meter Type / ID Horiba U-52 (24305)
Pump Intake Depth (ft) midscreen	Flow-Thru Cell Volume (L) 1 L
Purge Start Time 1509	Appearance/Odor (Start) none
Purge End Time 1629	Appearance/Odor (End) none
Average Purge Rate (mL/min) 0.25	Total Drawdown (ft) 2.21

Well Went Dry (Y/N) N	Stop Time N/A	Volume removed (L) N/A
Recovery Time N/A	Recovery Rate (mL/min) N/A	Restart Purge Time N/A
Total Volume Removed (L) 20	Total Pump Time (min) 80	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1) ✓	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%) ✓	ORP (mV) (+/- 10) ✓	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/25/24	1509	0.25	—	6.45	0.948	19.42	96	251	1.15	8.09
	1514		1.25	6.36	0.958	18.57	102	214	0.76	8.50
	1519		2.50	6.35	0.942	18.50	103	191	0.69	8.93
	1524		3.75	6.34	0.934	18.49	104	225	0.71	9.37
	1529		5.00	6.34	0.920	18.45	106	286	0.83	9.55
	1534		6.25	6.33	0.938	18.32	110	355	0.76	9.80
	1539		7.50	6.33	0.955	18.16	111	451	0.60	10.05
	1544		8.75	6.32	0.959	17.93	113	459	0.68	10.18
	1549		10.00	6.31	0.960	17.92	114	457	0.69	10.24
	1554		11.25	6.31	0.961	17.83	115	445	0.69	10.30
					SAMPLE					

COMMENTS PID = 0.7 ppm

SAMPLE COLLECTION

Sample Date 9/25/24	Sample Time 1554
Sample ID 828103-MW-08K-20240925	
QA/QC Collected / ID MS/MSD none	Sample Appearance/Odor none
Analyses MNA parameters	
Sampler C. Derrick	Signature

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-10K	EA Personnel: Noah Robinson	Client: NYSDEC (828103)
Location: Dinaburg	Well Condition: Good	Weather: Cloudy Rain
Sounding Method: WLM	Gauge Date: 9/26/24	Measurement Ref: Yes
Stick Up/Down (ft): Flush	Gauge Time: 0913	Well Diameter (in): 2

Purge Date: 9/26/24	Purge Time: 0915
Purge Method: Peristaltic Pump	Field Technician: MR

Well Volume

A. Well Depth (ft): 21.34	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC:
B. Depth to Water (ft): 8.20	E. Well Volume (gal) C*D): 2.14	Pump Type: Peristaltic
C. Liquid Depth (ft) (A-B): 13.14	F. Three Well Volumes (gal) (E3): 6.43	Pump Intake Depth: ~5ft

Water Quality Parameters

Time (hrs) 3-5 min	Temperature (oC) ± 1 °C	pH (pH units) ± 0.1 pH	ORP (mV) ± 10 mV	Conductivity (S/m) mS/cm ± 3%	Turbidity (ntu) ± 10 NTUs	DO (mg/L) ± 10% / <0.5	DTW (ft btoc) ± 0.3 feet	Rate (Lpm) 0.1-0.5 Lpm	Volume (liters)
0915	17.75	5.93	59	1.27	27.9	1.44	8.21	0.30	—
0920	17.96	6.41	-53	1.27	58.0	2.23	8.25	0.30	1.5
0925	17.83	6.40	-68	1.27	24.8	1.42	8.25	0.30	3.0
0930	17.81	6.45	-73	1.27	21.3	0.90	8.27	0.30	4.5
0935	17.82	6.46	-75	1.27	19.7	0.90	8.27	0.30	6.0
0940	17.81	6.47	-78	1.27	19.6	0.87	8.27	0.31	7.5
—	—	—	—	SAMPLE	—	—	—	—	—

Total Quantity of Water Removed (gal):	1.98	Sampling Time:	0940
Samplers:	NR	Split Sample With:	MS/MSD
Sampling Date:	9/26/24	Sample Type:	~~GES~~ grab (4)

COMMENTS AND OBSERVATIONS: PID = 0.0
Analysis = VOCs
Sample ID = 828103-MW-10K-20240926

WELL PURGING AND SAMPLING RECORD

Site Name/Location Dinahurg	Project No: 828103	Page 1 of 1
Well ID MW-13K	Date 9/25/24	Time 1457
Well Site Description Parking Lot		
Weather/Temp 70°F ; Rain		
Field Technician M. Gilkey / C. Derrick		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 512.13	Screened Interval (ft bgs) 14.92 - 19.92
Well Diameter (in.) 2 "	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 20.15	Gallons per foot of depth 0.163
Depth to product (ft) NA	Static water level (ft) 9.24
Product column height (ft) NA	Water column height (ft) 10.91
Product volume (Gallons) NA	Water volume (Gallons) 1.78
	3 water volumes = 5.33 gal

PURGE INFORMATION

Pump Type / ID Peristaltic	Water Quality Meter Type / ID Horiba U-52
Pump Intake Depth (ft)	Flow-Thru Cell Volume (L) 1L
Purge Start Time 1457	Appearance/Odor (Start) Turbid / No odor
Purge End Time 1537	Appearance/Odor (End) Clear / None
Average Purge Rate (mL/min) 0.25	Total Drawdown (ft) 0.16

Well Went Dry (Y/N) N	Stop Time 1537	Volume removed (L) 10.0
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) 10.0	Total Pump Time (min) 40	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1) ✓	Cond. (µS/cm) (+- 3%) ✓	Temp. (°C) (+- 3%) ✓	ORP (mV) (+/- 10) ✓	Turbidity (NTU) ✓ +/-10% or <5 NTU	DO (mg/L) ✓ +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/25	1457	0.25	0	6.89	1.61	18.95	-180	818	1.93	9.24
	1502	0.25	1.25	6.66	1.76	18.47	-181	598	0.64	9.34
	1507	0.25	2.50	6.63	1.82	18.33	-183	262	0.46	9.36
	1512	0.25	3.75	6.63	1.83	18.23	-183	133	0.39	9.38
	1517	0.25	5.0	6.63	1.83	18.17	-184	72.4	0.36	9.39
	1522	0.25	6.25	6.63	1.83	18.20	-184	45.5	0.32	9.40
	1527	0.25	7.50	6.63	1.84	18.19	-184	18.9	0.31	9.40
	1532	0.25	8.75	6.63	1.84	18.17	-184	17.2	0.30	9.40
	1537	0.25	10.0	6.63	1.84	18.16	-184	17.9	0.31	9.40

COMMENTS _____

SAMPLE COLLECTION

Sample Date 828103-MW-13K-20240925	Sample Time 1537
Sample ID 09/25/24	
QA/QC Collected / ID —	Sample Appearance/Odor Clear / None
Analyses VOCs, MNA Full Suite	
Sampler C. Derrick / M. Gilkey	Signature Mgilkey

WELL PURGING AND SAMPLING RECORD

Site Name/Location Dinaburg	Project No: 828103	Page 1 of 1
Well ID MW-14KA	Date 09/25/24	Time ~~1130~~ 1130
Well Site Description Back fence line		
Weather/Temp 71°F; Partly Cloudy; 12 mph S		
Field Technician M. Gilkey/C. Derrick		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 511.78	Screened Interval (ft bgs) 19.4 - 24.4
Well Diameter (in.) 2"	Nominal Borehole Diameter (in.) ———

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 24.07	Gallons per foot of depth 0.163
Depth to product (ft) NA	Static water level (ft) 9.06
Product column height (ft) NA	Water column height (ft) 15.01
Product volume (Gallons) NA	Water volume (Gallons) 2.45

PURGE INFORMATION

Pump Type / ID Peristaltic Pump		Water Quality Meter Type / ID Horiba U-52
Pump Intake Depth (ft) ~21		Flow-Thru Cell Volume (L) 1 L
Purge Start Time 1130		Appearance/Odor (Start) Clear; None
Purge End Time 1220		Appearance/Odor (End) Clear; None
Average Purge Rate (mL/min) 0.25		Total Drawdown (ft) 0
Well Went Dry (Y/N) N	Stop Time 1220	Volume removed (L) 12.50
Recovery Time NA	Recovery Rate (mL/min) ~~NA~~ NA	Restart Purge Time NA
Total Volume Removed (L) 12.50		Total Pump Time (min) 50

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1) ✓	Cond (µS/cm) (+-3%) ✓	Temp (°C) (+-3%) ✓	ORP (mV) (+/-10) ✓	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L ✓	Depth to Water (ft below TOC)
09/25	1130	0.25	0	7.15	0.755	18.74	-182	84.1	2.04	9.06
09/25	1135	0.25	1.25	6.96	0.774	18.25	-198	62.7	0.99	9.06
09/25	1140	0.25	2.50	6.90	0.805	17.98	-204	58.0	0.61	9.06
09/25	1145	0.25	3.75	6.87	0.837	17.94	-207	51.4	0.51	9.06
09/25	1150	0.25	5.00	6.85	0.900	17.91	-208	41.6	0.44	9.06
09/25	1155	0.25	6.25	6.79	1.02	17.93	-202	37.0	0.37	9.06
09/25	1200	0.25	7.50	6.77	1.07	17.94	-198	32.4	0.36	9.06
09/25	1205	0.25	8.75	6.75	1.14	17.96	-194	30.2	0.34	9.06
09/25	1210	0.25	10.0	6.73	1.15	17.98	-192	27.4	0.36	9.06
09/25	1215	0.25	11.25	6.72	1.17	17.99	-191	26.3	0.36	9.06
09/25	1220	0.25	12.50	6.72	1.19	17.99	-191	25.7	0.36	9.06

COMMENTS ———

SAMPLE COLLECTION

Sample Date 09/25/24	Sample Time 1220
Sample ID 828103-MW-14KA-20240925	
QA/QC Collected / ID ———	Sample Appearance/Odor Clear; None
Analyses NA full suite	
Sampler C. Derrick/M. Gilkey	Signature Morgan Gilkey

WELL PURGING AND SAMPLING RECORD

Site Name/Location Dinaburg	Project No: 828103	Page 1 of 1
Well ID MW-19S	Date 09/25/24	Time 1305
Well Site Description Middle of site		
Weather/Temp 73°F, Cloudy; 13 mph S		
Field Technician M. Gilkey/C. Derrick		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 512.54	Screened Interval (ft bgs) 4.8 - 14.8
Well Diameter (in.) 2"	Nominal Borehole Diameter (in.) —

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 14.94	Gallons per foot of depth 0.163
Depth to product (ft) NA	Static water level (ft) 8.77
Product column height (ft) NA	Water column height (ft) 6.17
Product volume (Gallons) NA	Water volume (Gallons) 1.01

PURGE INFORMATION

Pump Type / ID Peristaltic Pump		Water Quality Meter Type / ID Horiba U-52
Pump Intake Depth (ft) mid-screen		Flow-Thru Cell Volume (L) 1L
Purge Start Time 1305		Appearance/Odor (Start) Clear; None
Purge End Time 1340		Appearance/Odor (End) none
Average Purge Rate (mL/min) 0.25		Total Drawdown (ft) 5.07 - DRY
Well Went Dry (Y/N) ~~N~~ Y	Stop Time 1340	Volume removed (L) 8.75
Recovery Time —	Recovery Rate (mL/min) —	Restart Purge Time —
Total Volume Removed (L) 8.75		Total Pump Time (min) 35

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
09/25	1305	0.25	0	6.57	1.03	18.30	75	18.7	1.60	8.77
	1310		1.25	6.33	1.03	17.74	~~63~~ 104	104	0.67	10.22
	1315		2.50	6.33	1.03	17.64	58	86.7	0.46	11.16
	1320		3.75	6.33	1.03	18.01	56	88.1	0.46	11.18
	1325		5.0	6.31	1.03	16.98	56	79.8	0.32	12.64
	1330		6.25	6.31	1.03	17.08	55	31.5	0.32	13.10
	1335		7.50	6.30	1.03	17.02	55	9.3	0.32	~~13.78~~ 13.84
	~~1340~~	—	~~8.75~~	—	—	DRY	—	—	—	—
	1345		~~10.0~~							

COMMENTS PID = ~82 ppm smelled like degreaser

SAMPLE COLLECTION

Sample Date 09/26/24	Sample Time 0927
Sample ID 828103-MW-19S-20240926	
QA/QC Collected / ID —	Sample Appearance/Odor None
Analyses ~~VOCs~~, MNA Full Suite	
Sampler C. Derrick / M. Gilkey	Signature [signature]

WELL PURGING AND SAMPLING RECORD

Site Name/Location Dinabury	Project No: 828103	Page 1 of 1
Well ID MW-20S	Date 09/26/24	Time 1000
Well Site Description Conneroat site near electric Panel		
Weather/Temp 66°F; Cloudy; 12 mph S		
Field Technician M. Cullkey/C. Demick		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl) 512.67	Screened Interval (ft bgs) 5-15
Well Diameter (in.) 2"	Nominal Borehole Diameter (in.) ———

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 15.4	Gallons per foot of depth 0.163 gal/ft
Depth to product (ft) NA	Static water level (ft) 09.33
Product column height (ft) NA	Water column height (ft) 6.07
Product volume (Gallons) NA	Water volume (Gallons) 0.989

PURGE INFORMATION

Pump Type / ID Peristaltic Pump		Water Quality Meter Type / ID Horiba U-52
Pump Intake Depth (ft) ~10		Flow-Thru Cell Volume (L) 1 L
Purge Start Time 1011		Appearance/Odor (Start) Clear
Purge End Time 1036		Appearance/Odor (End) None
Average Purge Rate (mL/min) 0.25		Total Drawdown (ft) 1.31
Well Went Dry (Y/N) N	Stop Time 1036	Volume removed (L) 6.25
Recovery Time NA	Recovery Rate (mL/min) NA	Restart Purge Time NA
Total Volume Removed (L) 6.25		Total Pump Time (min) 25

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/25/24	1011	0.25	0	7.06	1.19	16.89	63	28.6	1.88	9.33
	1016	0.25	1.25	6.63	1.18	16.80	37	19.9	0.64	10.46
	1021	0.25	2.50	6.60	1.12	16.90	56	0.0	1.00	10.59
	1026	0.25	3.75	6.60	1.12	16.91	62	0.0	0.97	10.61
	1031	0.25	5.0	6.60	1.13	16.90	62	0.0	0.91	10.63
	1036	0.25	6.25	6.60	1.15	16.89	63	0.0	0.90	10.64

COMMENTS _____

SAMPLE COLLECTION

Sample Date 09/25/24	Sample Time 1036
Sample ID 828103-MW-20S-20240925	
QA/QC Collected / ID	Sample Appearance/Odor Clear/None
Analyses ~~VOCs~~, MNA (full suite)	
Sampler C. Demick/M. Cullkey	Signature Marcella Sellkey

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: GWE-2	EA Personnel: C.Derrick/N.Robinson	Client: NYSDEC (828103)
Location: Driveway	Well Condition: good	Weather: 68°F rainy
Sounding Method: solonist whm	Gauge Date: 9/26/24	Measurement Ref: TOIC
Stick Up/Down (ft): flush	Gauge Time: 1105	Well Diameter (in): 4

Purge Date: 9/26/2024	Purge Time: 1105
Purge Method: Peristaltic Pump	Field Technician: C.Derrick/N.Robinson

Well Volume

A. Well Depth (ft): 22.14	D. Well Volume (ft): 0.653	Depth/Height of Top of PVC: —
B. Depth to Water (ft): 9.05	E. Well Volume (gal) C*D): 8.55	Pump Type: Peristaltic
C. Liquid Depth (ft) (A-B): 13.09	F. Three Well Volumes (gal) (E3): 25.64	Pump Intake Depth: mid-screen

Water Quality Parameters

Time (hrs) 3-5 min	Temperature (oC) ± 1 °C	pH (pH units) ± 0.1 pH	ORP (mV) ± 10 mV	Conductivity (S/m) ± 3%	Turbidity (ntu) ± 10 NTUs	DO (mg/L) ± 10% / <0.5	DTW (ft btoc) ± 0.3 feet	Rate (Lpm) 0.1-0.5 Lpm	Volume (liters)
1105	17.91	6.32	189	1.46	14.0	6.90	9.05	0.25	—
1110	17.71	6.52	169	1.45	0.0	5.93	9.63		1.25
1115	17.58	6.59	171	1.45	0.0	5.69	10.00		2.50
1120	17.54	6.59	172	1.45	0.0	5.73	10.25		3.75
1125	17.47	6.60	173	1.45	0.0	5.75	10.25		5.00
1130	17.81	6.61	173	1.44	0.0	5.66	10.25		6.25
				SAMPLE					

Total Quantity of Water Removed (gal):	1.65	Sampling Time:	1130
Samplers:	C.Derrick	Split Sample With:	D
Sampling Date:	9/26/24	Sample Type:	grab

COMMENTS AND OBSERVATIONS:
PID = 3.8 ppm Note: Centralizer in well - no PDB use in well
Analysis = VOCs
Sample ID = 828103-GWE-2-20240926

EA Engineering, P.C.
EA Science and Technology

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MPE-17	EA Personnel: Noah Robinson	Client: NYSDEC (828103)
Location: Dunsbury	Well Condition: Good	Weather: 66F Cloudy Slight Rain
Sounding Method: WLM	Gauge Date: 9/26/24	Measurement Ref: TOC
Stick Up/Down (ft): Flush	Gauge Time: 1102	Well Diameter (in): 4

Purge Date: 9/26/24	Purge Time: 1102
Purge Method: Peristaltic Pump	Field Technician: NR

Well Volume

A. Well Depth (ft): 13.14	D. Well Volume (ft): 0.657	Depth/Height of Top of PVC: —
B. Depth to Water (ft): 4.20	E. Well Volume (gal) C*D: 5.84	Pump Type: Peristaltic
C. Liquid Depth (ft) (A-B): 8.94	F. Three Well Volumes (gal) (E3): 17.51	Pump Intake Depth: ~5ft from bottom

Water Quality Parameters

Time (hrs) 3-5 min	Temperature (oC) ± 1 °C	pH (pH units) ± 0.1 pH	ORP (mV) ± 10 mV	Conductivity ~~mS/cm~~ (S/m) ± 3%	Turbidity (ntu) ± 10 NTUs	DO (mg/L) ± 10%/ <0.5	DTW (ft btoc) ± 0.3 feet	Rate (Lpm) 0.1-0.5 Lpm	Volume (liters)
1105	18.57	6.90	95	0.561	380	4.66	4.20	0.30	—
1110	18.81	6.73	106	0.547	47.9	4.73	4.20	0.30	1.5
1115	18.77	6.68	109	0.540	15.0	4.41	4.20	0.30	3.0
1120	18.86	6.66	111	0.530	7.7	4.35	4.20	0.30	4.5
1125	18.94	6.65	113	0.523	3.7	4.64	4.20	0.30	6.0
1130	19.05	6.64	115	0.523	1.2	4.63	4.20	0.30	7.5
1135	19.06	6.64	115	0.523	0.0	4.63	4.20	0.30	9.0

Total Quantity of Water Removed (gal): 2.38
Samplers: N. Robinson
Sampling Date: 9/26/24
Sampling Time: 1135
Split Sample With: —
Sample Type: ~~YES~~ (NO)

COMMENTS AND OBSERVATIONS: PID = 1.1 ppm
Note: Centralizer in well → no PDB were in well
Analysis = VOCs
Sample ID = 828103-MPE-17-20240926

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-03A

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 24.50

Screened Interval (ft bags): 19.5-24.5

Well Casing Diameter (in): 2.00

Well Casing Material: Steel

Well Screen Diameter (in): 2.00

Date of Deployment: 10-25-2024

Time of Deployment: 12:15

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 8.90

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-03D

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 51.65

Screened Interval (ft bags): 41.6-51.6

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 15:52

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 18.41

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-04

Well Type: ☑ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ☑ Flush Mount

Measuring PT: ☑ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs) 24.20

Screened Interval (ft bags) 8-23

Well Casing Diameter (in) 2.00

Well Casing Material: PVC

Well Screen Diameter (in) 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 15:55

Weather Conditions: 65F, Overcast

Depth to GW @ Time of Deployment: 9.10

Type of PDB Used:
☑ Lab Filled
☐ Field Filled

Dimensions of PDB Length (in.) 12.00

Dimensions of PDB Diameter (in.) 1.50

Position of PDB Weight:
☐ Attached to bottom of PDB and suspended in well
☐ Attached to bottom of deployment line and suspended in well
☑ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing Inc.

Location: Rochester, New York

Well ID: MW-05

Well Type: ☑ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ☑ Flush Mount

Measuring PT: ☑ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 24.60

Screened Interval (ft bags): 8.5-23.5

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 10:46

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 9.26

Type of PDB Used:
☑ Lab Filled
☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
☐ Attached to bottom of PDB and suspended in well
☐ Attached to bottom of deployment line and suspended in well
☑ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing Inc.

Location: Rochester, NY

Well ID: MW-06

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 20.60

Screened Interval (ft bags): 4.5-19.5

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 13:32

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 7.31

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing Inc.

Location: Rochester, NY

Well ID: MW-08s

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs) 16.00

Screened Interval (ft bags) 6-16

Well Casing Diameter (in) 2.00

Well Casing Material: PVC

Well Screen Diameter (in) 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 13:58

Weather Conditions: 65, Overcast

Depth to GW @ Time of Deployment: 6.35

Type of PDB Used:
✓ Lab Filled
☐ Field Filled

Dimensions of PDB Length (in.) 12.00

Dimensions of PDB Diameter (in.) 1.50

Position of PDB Weight:
☐ Attached to bottom of PDB and suspended in well
☐ Attached to bottom of deployment line and suspended in well
✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-08k

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 19.20

Screened Interval (ft bags): 7.9-17.9

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-25-2024

Time of Deployment: 16:25

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 7.43

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing Inc.

Location: Rochester, NY

Well ID: MW-9s

Well Type: ☑ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ☑ Flush Mount

Measuring PT: ☑ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs) 16.00

Screened Interval (ft bags) 6-16

Well Casing Diameter (in) 2.00

Well Casing Material: PVC

Well Screen Diameter (in) 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 11:54

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 7.75

Type of PDB Used:

☑ Lab Filled

☐ Field Filled

Dimensions of PDB Length (in.) 12.00

Dimensions of PDB Diameter (in.) 1.50

Position of PDB Weight:

☐ Attached to bottom of PDB and suspended in well

☐ Attached to bottom of deployment line and suspended in well

☑ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:

None

Field Technician Name:

C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing Inc.

Location: Rochester, NY

Well ID: MW-9k

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs) 22.70

Screened Interval (ft bags) 12.7-22.7

Well Casing Diameter (in) 2.00

Well Casing Material: PVC

Well Screen Diameter (in) 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 12:08

Weather Conditions: 65F, Overcast

Depth to GW @ Time of Deployment: 8.85

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.) 12.00

Dimensions of PDB Diameter (in.) 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C.Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-10s

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 16.00

Screened Interval (ft bags): 4.7-14.7

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-26-2024

Time of Deployment: 10:45

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 6.09

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing Inc

Location: Rochester, NY

Well ID: MW-10k

Well Type: ☑ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ☑ Flush Mount

Measuring PT: ☑ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 21.80

Screened Interval (ft bags): 10.5-20.5

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-26-2024

Time of Deployment: 10:03

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 6.12

Type of PDB Used:
☑ Lab Filled
☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
☐ Attached to bottom of PDB and suspended in well
☐ Attached to bottom of deployment line and suspended in well
☑ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
No previous deployment form, initial DTW provided is estimated

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-11s

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs) 14.00

Screened Interval (ft bags) 4-14

Well Casing Diameter (in) 2.00

Well Casing Material: PVC

Well Screen Diameter (in) 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 15:00

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 8.51

Type of PDB Used:

✓ Lab Filled

☐ Field Filled

Dimensions of PDB Length (in.) 12.00

Dimensions of PDB Diameter (in.) 1.50

Position of PDB Weight:

☐ Attached to bottom of PDB and suspended in well

☐ Attached to bottom of deployment line and suspended in well

✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:

None

Field Technician Name:

C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-12s

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 14.00

Screened Interval (ft bags): 8.56-13.36

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 15:33

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 5.93

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-12k

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 19.50

Screened Interval (ft bags): 13.86-18.61

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 15:20

Weather Conditions: 65F, Overcast

Depth to GW @ Time of Deployment: 8.32

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None.

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-13K

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 21.50

Screened Interval (ft bags): 14.92-19.92

Well Casing Diameter (in): 2.00

Well Casing Material: Steel

Well Screen Diameter (in): 2.00

Date of Deployment: 09-25-2024

Time of Deployment: 16:00

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 8.80

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-14KA

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 24.40

Screened Interval (ft bags): 18.4-24.4

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-25-2024

Time of Deployment: 12:47

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 8.65

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing inc.

Location: Rochester, NY

Well ID: MW-15k

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 25.30

Screened Interval (ft bags): 20.3-25.3

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 09:47

Weather Conditions: 60's, overcast

Depth to GW @ Time of Deployment: 9.60

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 118.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
QC: MS/MSD, 500 mL PDB

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-16s

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 15.50

Screened Interval (ft bags): 5.5-15.5

Well Casing Diameter (in): 2.00

Well Casing Material: Steel

Well Screen Diameter (in): 2.00

Date of Deployment: 09-25-2024

Time of Deployment: 08:55

Weather Conditions: 65F, Overcast

Depth to GW @ Time of Deployment: 9.07

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-16k

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 25.50

Screened Interval (ft bags): 20.5-25.5

Well Casing Diameter (in): 2.00

Well Casing Material: Steel

Well Screen Diameter (in): 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 17:10

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 8.61

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-17s

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 15.50

Screened Interval (ft bags): 6.5-15.6

Well Casing Diameter (in): 2.00

Well Casing Material: Steel

Well Screen Diameter (in): 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 17:25

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 6.65

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-18s

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs) 15.00

Screened Interval (ft bags) 5-15

Well Casing Diameter (in) 2.00

Well Casing Material: Steel

Well Screen Diameter (in) 2.00

Date of Deployment: 09-25-2024

Time of Deployment: 09:19

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 7.57

Type of PDB Used:

✓ Lab Filled

☐ Field Filled

Dimensions of PDB Length (in.) 12.00

Dimensions of PDB Diameter (in.) 1.50

Position of PDB Weight:

☐ Attached to bottom of PDB and suspended in well

☐ Attached to bottom of deployment line and suspended in well

✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:

None

Field Technician Name:

C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing Inc.

Location: Rochester, NY

Well ID: MW-22k

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 28.60

Screened Interval (ft bags): 18.04-28.04

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 14:27

Weather Conditions: 65F, Overcast

Depth to GW @ Time of Deployment: 8.30

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing Inc.

Location: Rochester, NY

Well ID: MW-23k

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 31.00

Screened Interval (ft bags): 20.03-30.03

Well Casing Diameter (in): 2.00

Well Casing Material: PVC

Well Screen Diameter (in): 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 10:30

Weather Conditions: 60's, overcast

Depth to GW @ Time of Deployment: 8.40

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C.Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing Inc.

Location: Rochester, NY

Well ID: MW-24k

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs) 28.30

Screened Interval (ft bags) 17.7-27.7

Well Casing Diameter (in) 2.00

Well Casing Material: PVC

Well Screen Diameter (in) 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 11:11

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 8.71

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.) 12.00

Dimensions of PDB Diameter (in.) 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing Inc.

Location: Rochester, NY

Well ID: PZ-24s

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 14.30

Screened Interval (ft bags): 3.89-13.89

Well Casing Diameter (in): 1.00

Well Casing Material: PVC

Well Screen Diameter (in): 1.00

Date of Deployment: 09-24-2024

Time of Deployment: 11:28

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 7.65

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 36.00

Dimensions of PDB Diameter (in.): 1.00

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-19s

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 14.80

Screened Interval (ft bags): 4.8-14.8

Well Casing Diameter (in): 2.00

Well Casing Material: Steel

Well Screen Diameter (in): 2.00

Date of Deployment: 09-26-2024

Time of Deployment: 09:50

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 7.07

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-20s

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs) 15.40

Screened Interval (ft bags) 5-15

Well Casing Diameter (in) 2.00

Well Casing Material: Steel

Well Screen Diameter (in) 2.00

Date of Deployment: 09-25-2024

Time of Deployment: 11:00

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 8.10

Type of PDB Used:

✓ Lab Filled

☐ Field Filled

Dimensions of PDB Length (in.) 12.00

Dimensions of PDB Diameter (in.) 1.50

Position of PDB Weight:

☐ Attached to bottom of PDB and suspended in well

☐ Attached to bottom of deployment line and suspended in well

✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:

None

Field Technician Name:

C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: MW-21s

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs) 15.00

Screened Interval (ft bags) 5.4-15.4

Well Casing Diameter (in) 2.00

Well Casing Material: Steel

Well Screen Diameter (in) 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 16:36

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 6.37

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.) 18.00

Dimensions of PDB Diameter (in.) 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
500 mL PDB - (MS/MSD)

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, NY

Well ID: PZ-22s

Well Type: ☑ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ☑ Flush Mount

Measuring PT: ☑ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 12.30

Screened Interval (ft bags): 1.92-11.92

Well Casing Diameter (in): 1.00

Well Casing Material: PVC

Well Screen Diameter (in): 1.00

Date of Deployment: 09-24-2024

Time of Deployment: 14:38

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 7.10

Type of PDB Used:
☑ Lab Filled
☐ Field Filled

Dimensions of PDB Length (in.): 48.00

Dimensions of PDB Diameter (in.): 1.00

Position of PDB Weight:
☐ Attached to bottom of PDB and suspended in well
☐ Attached to bottom of deployment line and suspended in well
☑ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None

Field Technician Name:
C. Derrick

EA Engineering, Science, and Technology, Inc., PBC

PBD Deployment Report

Site: Dinaburg Distributing, Inc. Site

Location: Rochester, Monroe County

Well ID: MW-15S

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs): 15.00

Screened Interval (ft bags): 5.5-15.5

Well Casing Diameter (in): 2.00

Well Casing Material: Steel

Well Screen Diameter (in): 2.00

Date of Deployment: 09-24-2024

Time of Deployment: 09:24

Weather Conditions: 65F, overcast

Depth to GW @ Time of Deployment: 7.54

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.): 12.00

Dimensions of PDB Diameter (in.): 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None.

Field Technician Name:
C. Derrick

2 Dinaburg ~~(828303)~~ (828103) 9/9/24

0830 - Mtg w/ M + Jake Gay onsite for PDB Redeployment

0900 - Begin PDB Deployment
- No PDB in MW-15K. PDB got stuck in well and burst down Retrieved

1107 - MW-10K is roved by inclosed Trailer

1245 - unable to deploy PDB in MPE-17 or GWE-2 due to Permanent object in well (Centralizer?)

1400 - Reattempt MW-15K, using extra weight, Deployment successful, used 500 mL PDB can do MS/MSD here.

1500 - EA offsite

9/9/24

Dinaburg (828103) 9/24/24

0830 C Demick and M. Gilkey onsite for PDB retrieval, safety tailgate meeting

0845 Calibrate Horiba U-52 and PID.

0910 Sample MW-15S

0924 Deploy 350 mL PDB at MW-15S

0930 Sample MW-15K with MS/MSD

0947 Deploy 500 mL PDB at MW-15K with extra weight attached. DUP-1

0956 Sample MW-13K with duplicate; wait to deploy until after low-flow sampling

1022 Sample MW-23K.

1030 Deploy 350 mL PDB at MW-23K.

1040 Sample MW-05.

1046 Deploy 350 mL PDB at MW-05.

1106 Sample MW-24K

1111 Deploy 350 mL PDB at MW-24K.

1122 Sample PZ-24S.

1128 Deploy ~~350~~ 160 mL PDB at PZ-24S.

1148 Sample MW-09S

1154 Deploy 350 mL PDB at MW-09S

1200 Sample MW-09K

1208 Deploy 350 mL PDB at MW-09K.

1322 Sample MW-06.

1332 Deploy 350 mL PDB at MW-06.

1352 Sample MW-08S.

Scale: 1 square = _____

Scale: 1 square = _____

Rite in the Rain

Dinaburg (828103) 9/24/24

1358 Deploy 350 mL PDB at MW-08S.
1402 Sample MW-08K, will deploy after low-flow @
~~1410 Deploy 350 mL PDB at MW-08K.~~
1420 Sample MW-22K.
1427 Deploy 350 mL PDB at MW-22K
1430 Sample PZ-22S.
1438 Deploy ~~350~~ 225 mL PDB at PZ-22S. @
1454 Sample MW-11S.
1500 Deploy 350 mL PDB at MW-11S.
1512 Sample MW-12K
1520 Deploy 350 mL PDB at MW-12K
1526 Sample MW-12S
1533 Deploy 350 mL PDB at MW-12S.
1539 Sample MW-04 with duplicate Dup-2
1555 Deploy 350 mL PDB at MW-04.
1626 Sample MW-21S.
1636 Deploy ~~350~~ 500 mL PDB at MW-21S. @
1645 Sample MW-03D.
1652 Deploy 350 mL PDB at MW-03D
1703 Sample MW-16K
1710 Deploy 350 mL PDB at MW-16K
1715 Sample MW-17S
1725 Deploy 350 mL PDB at MW-17S.
1745 EA offsite

9/24/24

Scale: 1 square = _____

Dinaburg (828103) 9/25/24

0800 M.Gilbey & C.Derrick onsite, Safety tailgate meeting
0815 Calibrate Horiba U-52s and PIDs.
0848 Sample MW-16S.
0855 Deploy 350 mL PDB at MW-16S
0910 Sample MW-18S
0919 Deploy 350 mL PDB at MW-18S.
0955 Sample PDB for VOCs at MW-03A.
1000 Sample PDB for VOCs at MW-20S
1011 Start purge at MW-20S.
1023 Start purge at MW-03A.
1036 Sample via low flow for MNA parameters at MW-20S.
1100 Deploy 350 mL PDB at MW-20S
1115 Sample PDB for VOCs at MW-14KA.
1130 Start purge at MW-14KA.
1138 Sample via low flow for MNA parameters at MW-03A.
1215 Deploy 350 mL PDB at MW-03A.
1220 Sample via low flow for MNA parameters at MW-14KA.
1230 Sample PDB for VOCs at MW-03CA.
1247 Deploy 350 mL PDB at MW-14KA
1248 Start purge at MW-03CA
1258 Sample PDB for VOCs at MW-19S.

Scale: 1 square = _____

Rite in the Rain

6 Dinaburg (828103) 9/25/24

1305 Start purge at MW-19S.
1333 Sample via low flow for MNA parameters at MW-03CA, deploy 350mL PDB
1340 MW-19S goes dry, will sample upon recharge.
1457 Start purge at MW-13K
1509 Start purge at MW-08K.
1537 Sample via low flow for MNA parameters at MW-13K
1554 Sample via low flow for MNA parameters at MW-08K.
1600 Deploy 350mL PDB at MW-13K.
1625 Deploy 350 mL PDB at MW-08K.
1645 C. Derrick & M. Gilkey offsite.

C. Derrick
9/25/24

Scale: 1 square = _____

Dinaburg (828103) 9/26/24

0830 C. Derrick & N. Robinson onsite Safety tailgate meeting
0843 Calibrate Horibas and PID
0915 Start purge at MW-10K
0927 Sample via low flow for MNA parameters at MW-19S after well recharge.
0940 Sample for VOCs via low flow at MW-10K with MS/MSD.
0950 Deploy 350 mL PDB at MW-19S
1003 Deploy 350 mL PDB at MW-10K
1030 Sample MW-10S for VOCs via PDB.
1045 Deploy 350 mL PDB at MW-10S
1102 Start purge MPE-17.
1105 Start purge GWE-2.
1130 Sample GWE-2 via low flow for VOCs
1135 Sample MPE-17 via low flow for VOCs.
1215 C. Derrick & N. Robinson offsite to pack and ship samples.

C. Derrick
9/26/24

Scale: 1 square = _____

Rite in the Rain

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 12/04/2024
TIME: 0718
METER ID: 21158

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	5.17	3.95

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.25	4.56

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	2.8	0.0

COMMENTS

None

SIGNATURE

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-20S	EA Personnel: C. Derrick, K. Cassidy	Client: NYSDEC (828103)
Location: Onsite SW corner	Well Condition: good	Weather: 28°F, snowing / flurries
Sounding Method: Heron skinny dipper WLM	Gauge Date: 12/04/2024	Measurement Ref: TOC
Stick Up/Down (ft): flush	Gauge Time: 0933	Well Diameter (in): 2 in steel

Purge Date: 12/04/2024	Purge Time: 0938
Purge Method: low flow peristaltic pump	Field Technician: C. Derrick, K. Cassidy

Well Volume

A. Well Depth (ft): 14.73	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: ~ -3 in
B. Depth to Water (ft): 7.79	E. Well Volume (gal) C*D): 1.13	Pump Type: peristaltic pump
C. Liquid Depth (ft) (A-B): 6.94	F. Three Well Volumes (gal) (E3): 3.39	Pump Intake Depth: mid-screen

Water Quality Parameters

Time (hrs)	Temperature (oC) ✓	pH (pH units) ✓	ORP (mV) ✓	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
0938	13.15	5.44	245	0.761	8.6	8.66	7.79	0.3	—
0941	Horiba flow through cell leaking, swap out for new one								
0953	11.75	6.33	197	0.677	14.2	4.06	8.65		0.9
0956	12.50	6.25	202	0.679	28.5	3.47	8.75		1.8
0959	13.01	6.23	212	0.682	86.2	3.43	8.88		2.7
1002	13.09	6.23	215	0.687	35.0	3.33	8.97		3.6
1005	13.24	6.23	218	0.692	36.6	3.14	9.07		4.5
1008	13.26	6.25	220	0.693	33.0	2.96	9.20		5.4
1011	13.28	6.26	223	0.692	27.6	2.74	9.35		6.3
1014	13.11	6.27	225	0.689	20.1	2.57	9.42		7.2
1017	13.13	6.27	226	0.686	19.7	2.52	9.50		8.1
1020	12.94	6.28	228	0.687	18.5	2.51	9.60		9.0
				SAMPLE					9.9

Total Quantity of Water Removed (gal): 2.62 gal

Samplers: C. Derrick, K. Cassidy

Sampling Date: 12/04/2024

Sampling Time: 1020

Split Sample With: DUP

Sample Type: grab

COMMENTS AND OBSERVATIONS:

PID = PID not working

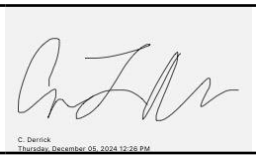
Analysis = VOCs

Sample ID = 828103-MW-20S-LF-20241204 and 828103-DUP-20241204

PASSIVE DIFFUSION BAG (PDB) SAMPLING FORM

Site Name:	Dinaburg		
Well Name:	MW-20S		
Sampling Personnel:	C. Derrick, K. Cassidy		
Top of Casing Elevation:	512.93	**Ground Surface Elevation:**	
Measurement Reference:	TOC	**Measured Depth of Well (ft):**	15
Depth to Water at Time of Retrieval (ft):	7.79		
Well Screened Interval (ft):	10.0-15.0		
Date and Time of Retrieval:	12/4/2024 9:27:00 AM	**Total Number of Days Deployed**:	70
Water Level Indicator Type:	Heron Skinny Dipper	**Water Quality Meter:**	Horiba U-52 (21158)
PID Type/ID:		**Turbidity Meter Type/ID:**	Horiba U-52 (21158)

Date	Comments	pH	Specific Cond.	Temp. (°C)	ORP (mV)	Turbidity (NTU)	DO (mg/L)
12/4/2024 9:27:00		5.44	0.761 ms/cm	13.15	245.00	8.60	8.66

Sample ID	828103-MW-20S-PDB-20241204	**Sample Date/Time:**	12/4/2024 9:27 AM
Sample Type:	N	**Analyses:**	VOCs
Sample Comment:			
Recorded By:	 C. Derrick Thursday, December 05, 2024 12:26 PM		
Reviewed By:			

EA Engineering, Science, and Technology, Inc., PBC

PDB Deployment Report

Site: Dinaburg Distributing, Inc.

Location: Rochester, Monroe County, NY

Well ID: MW-20S

Well Type: ✓ Monitoring ☐ Other **If other:**

Well Finish: ☐ Stick-up ✓ Flush Mount

Measuring PT: ✓ Top of Casing ☐ Other **If other:**

Total Depth as Constructed (ft bgs) 15.40 **Screened Interval (ft bags)** 5-15

Well Casing Diameter (in) 2.00 **Well Casing Material:** Steel

Well Screen Diameter (in) 2.00

Date of Deployment: 12-04-2024 **Time of Deployment:** 10:32

Weather Conditions: 29F, snow

Depth to GW @ Time of Deployment: 9.60

Type of PDB Used:
- ✓ Lab Filled
- ☐ Field Filled

Dimensions of PDB Length (in.) 12.00 **Dimensions of PDB Diameter (in.)** 1.50

Position of PDB Weight:
- ☐ Attached to bottom of PDB and suspended in well
- ☐ Attached to bottom of deployment line and suspended in well
- ✓ Attached to bottom of deployment line and resting on bottom of well (preferred)

Notes/Observations:
None.

Field Technician Name:
C. Derrick

Passive Diffusion Bag (PDB) Sampling Form

Site: Dinuba Distributing, Inc.
Location: Onsite
Well ID: MW-20S
Well Type: ☑ Monitoring ☐ Other: _____
Well Finish: ☐ Stick-up ☑ Flush Mount
Measuring Pt: ☑ Top of Casing ☐ Other: _____
Total Depth as Constructed (ft bgs): 15.40 **Screened Interval:** 5-15
Well Casing: **Diameter:** 2.00 **Material:** Steel
Well Screen: **Diameter:** 2.00

Deployment (2nd)

Date and Time of Deployment **Date:** 12/04/2024 **Time:** 1032
Weather Conditions: 29°F, snow
Depth to GW @ Time of Deployment:
Type of PDB Used:
☑ Lab Filled (Modified Trip Blank must be taken at time of deployment)
☐ Field Filled (Modified Equipment Blank of fill water must be taken at time of deployment. If PDB isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)

Dimensions of PDB: **Length (in.):** 12 **Diameter (in.):** 1.5
Position of PDB Weight:
☐ Attached to bottom of PDB and suspended in well
☐ Attached to bottom of deployment line and suspended in well
☑ Attached to bottom of deployment line and resting on bottom of well (preferred)

Retrieval (note: minimum deployment period is 2 weeks) (1st)

Date and Time of Retrieval **Date:** 12/04/2024 **Time:** 0927
Total # of Days Deployed: 70 days
Weather Conditions: 28°F, snow
Depth to GW at Time of Retrieval: 7.79
Downhole Field Paramaters Upon Retrieval:

Temp	13.15	ORP	245	Cond.	0.761	Water Quality Meter:	21158
pH	5.44	DO	8.66	Turb.	8.6	Serial #:	Horiba U-52

Notes/Observations: None

Field Sampling Tech: C. Derrick, K. Cassidy

8 Dinaburg (828103) 12/04/2024

Weather: 27°F cloudy, 14 mph SSW, 63% humidity.

0900 C. Derrick & K. Cassidy (EA) onsite. Equipment already calibrated at warehouse in AM.

0927 Sample MW-20S via PDB for VOCs.

0938 Begin purge at MW-20S via low flow peristaltic pump.

1020 Sample MW-20S via low flow, sample ID: 828103-MW-20S-LF-20241204 with duplicate: 828103-DUP-20241204.

1032 Deploy 350 mL PDB at MW-20S, take EQB.

1100 EA offsite to pack and ship samples.

12.04.2024

Scale: 1 square = _____

Appendix D.

Laboratory Analysis Reports

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

EA Engineering

NYSDEC SMP-D Site- Dinaburg, Rochester, NY

PO#1602534/18

SGS Job Number: JD96837

Sampling Date: 09/25/24



Report to:

EA Engineering
269 West Jefferson Street
Syracuse, NY 13202
nrobinson@eaest.com; joliver@eaest.com;
kcassidy@eaest.com; kkatzer@eaest.com
ATTN: Noah Robinson

Total number of pages in report: 342

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

Client Service contact: Kelly Ramos 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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SGS North America Inc.

Sample Summary

EA Engineering

Job No: JD96837

NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Project No: PO#1602534/18

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD96837-1	09/25/24	13:33	CD	09/26/24	AQ	Ground Water	828103-MW-03CA-20240925
JD96837-2	09/25/24	12:20	CD	09/26/24	AQ	Ground Water	828103-MW-14KA-20240925
JD96837-3	09/25/24	11:38	CD	09/26/24	AQ	Ground Water	828103-MW-03A-20240925
JD96837-4	09/25/24	10:36	CD	09/26/24	AQ	Ground Water	828103-MW-20S-20240925
JD96837-5	09/25/24	15:37	CD	09/26/24	AQ	Ground Water	828103-MW-13K-20240925
JD96837-6	09/25/24	15:54	CD	09/26/24	AQ	Ground Water	828103-MW-08K-20240925

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	EA Engineering	**Job No:**	JD96837
Site:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY	**Report Date**	10/8/2024 3:12:01 AM

On 09/26/2024, 6 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 3.9 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD96837 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Metals Analysis By Method SW846 6010D

Matrix: AQ **Batch ID:** MP49594

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96871-1MS, JD96871-1MSD, JD96871-1SDL, JD96871-2FSDL were used as the QC samples for the metals analysis.
- The serial dilution RPD(s) for Iron, Manganese are outside control limits for sample MP49594-SD2. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

General Chemistry By Method EPA 300/SW846 9056A

Matrix: AQ **Batch ID:** GP56876

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96837-1MS, JD96837-1MSD were used as the QC samples for the Chloride, Sulfate, Chloride analysis.

General Chemistry By Method EPA 353.2/LACHAT

Matrix: AQ **Batch ID:** GP56957

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96806-1DUP, JD96806-1MS were used as the QC samples for the Nitrogen, Nitrate + Nitrite analysis.
- The matrix spike (MS) recovery(s) of Nitrogen, Nitrate + Nitrite are outside control limits. Spike recovery indicates possible matrix interference.

General Chemistry By Method EPA353.2/SM4500NO2B

Matrix: AQ **Batch ID:** R212711

- The data for EPA353.2/SM4500NO2B meets quality control requirements.
- JD96837-1 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ **Batch ID:** R212712

- The data for EPA353.2/SM4500NO2B meets quality control requirements.
- JD96837-2 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ **Batch ID:** R212713

- The data for EPA353.2/SM4500NO2B meets quality control requirements.
- JD96837-3 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ **Batch ID:** R212714

- The data for EPA353.2/SM4500NO2B meets quality control requirements.
- JD96837-4 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ **Batch ID:** R212715

- The data for EPA353.2/SM4500NO2B meets quality control requirements.
- JD96837-5 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Matrix: AQ **Batch ID:** R212716

- The data for EPA353.2/SM4500NO2B meets quality control requirements.
- JD96837-6 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

General Chemistry By Method SM2320 B-11

Matrix: AQ **Batch ID:** GN60185

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96806-1DUP were used as the QC samples for the Alkalinity, Total as CaCO3 analysis.
- The blank spike (BS) recovery(s) of Alkalinity, Total as CaCO3 are outside control limits.
- JD96837-5 for Alkalinity, Total as CaCO3: Sample was titrated to a final pH of 4.5.Sample received with head space.
- JD96837-6 for Alkalinity, Total as CaCO3: Sample was titrated to a final pH of 4.5.Sample received with head space.
- JD96837-1 for Alkalinity, Total as CaCO3: Sample was titrated to a final pH of 4.5.Sample received with head space.
- JD96837-2 for Alkalinity, Total as CaCO3: Sample was titrated to a final pH of 4.5.Sample received with head space.
- JD96837-3 for Alkalinity, Total as CaCO3: Sample was titrated to a final pH of 4.5.Sample received with head space.
- JD96837-4 for Alkalinity, Total as CaCO3: Sample was titrated to a final pH of 4.5.Sample received with head space.
- GN60185-B3 for Alkalinity, Total as CaCO3: Spike blank indicates possible low bias.

General Chemistry By Method SM4500NO2 B-11

Matrix: AQ **Batch ID:** GN60127

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96723-11MS, JD96723-11MSD were used as the QC samples for the Nitrogen, Nitrite analysis.

General Chemistry By Method SM4500S2- F-11

Matrix:	AQ	Batch ID:	GN60260

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96837-1MS, JD96837-2DUP were used as the QC samples for the Sulfide analysis.

General Chemistry By Method SM5310 B-11

Matrix:	DW	Batch ID:	GP56838

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

General Chemistry By Method SM5310 B-11/14

Matrix:	AQ	Batch ID:	GP56889

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96888-1MS, JD96888-1MSD were used as the QC samples for the Total Organic Carbon analysis.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD96837
Account: EA Engineering
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Collected: 09/25/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD96837-1	**828103-MW-03CA-20240925**					
Iron		977	100	32	ug/l	SW846 6010D
Manganese		30.9	15	1.4	ug/l	SW846 6010D
Alkalinity, Total as CaCO3 [a]		394	5.0	3.6	mg/l	SM2320 B-11
Chloride		208	2.0	0.83	mg/l	EPA 300/SW846 9056A
Sulfate		121	2.0	0.89	mg/l	EPA 300/SW846 9056A
Total Organic Carbon		0.78 B	1.0	0.72	mg/l	SM5310 B-11/14
JD96837-2	**828103-MW-14KA-20240925**					
Iron		1120	100	32	ug/l	SW846 6010D
Manganese		36.4	15	1.4	ug/l	SW846 6010D
Alkalinity, Total as CaCO3 [a]		343	5.0	3.6	mg/l	SM2320 B-11
Chloride		142	2.0	0.83	mg/l	EPA 300/SW846 9056A
Sulfate		93.0	2.0	0.89	mg/l	EPA 300/SW846 9056A
Total Organic Carbon		2.8	1.0	0.72	mg/l	SM5310 B-11/14
JD96837-3	**828103-MW-03A-20240925**					
Iron		1360	100	32	ug/l	SW846 6010D
Manganese		38.6	15	1.4	ug/l	SW846 6010D
Alkalinity, Total as CaCO3 [a]		345	5.0	3.6	mg/l	SM2320 B-11
Chloride		122	2.0	0.83	mg/l	EPA 300/SW846 9056A
Sulfate		80.9	2.0	0.89	mg/l	EPA 300/SW846 9056A
Total Organic Carbon		4.0	1.0	0.72	mg/l	SM5310 B-11/14
JD96837-4	**828103-MW-20S-20240925**					
Iron		128	100	32	ug/l	SW846 6010D
Manganese		60.5	15	1.4	ug/l	SW846 6010D
Alkalinity, Total as CaCO3 [a]		420	5.0	3.6	mg/l	SM2320 B-11
Chloride		65.2	2.0	0.83	mg/l	EPA 300/SW846 9056A
Nitrogen, Nitrate [b]		0.13	0.11	0.093	mg/l	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite		0.13	0.10	0.090	mg/l	EPA 353.2/LACHAT
Sulfate		82.6	2.0	0.89	mg/l	EPA 300/SW846 9056A
Total Organic Carbon		4.1	1.0	0.72	mg/l	SM5310 B-11/14
JD96837-5	**828103-MW-13K-20240925**					
Iron		1150	100	32	ug/l	SW846 6010D
Manganese		71.2	15	1.4	ug/l	SW846 6010D
Alkalinity, Total as CaCO3 [a]		389	5.0	3.6	mg/l	SM2320 B-11
Chloride		297	2.0	0.83	mg/l	EPA 300/SW846 9056A
Nitrogen, Nitrite		0.020	0.010	0.0030	mg/l	SM4500NO2 B-11

Summary of Hits

Job Number: JD96837
Account: EA Engineering
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Collected: 09/25/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Sulfate		44.4	2.0	0.89	mg/l	EPA 300/SW846 9056A
Total Organic Carbon		2.0	1.0	0.72	mg/l	SM5310 B-11/14
JD96837-6	**828103-MW-08K-20240925**					
Iron		3180	100	32	ug/l	SW846 6010D
Manganese		919	15	1.4	ug/l	SW846 6010D
Alkalinity, Total as CaCO3 [a]		342	5.0	3.6	mg/l	SM2320 B-11
Chloride		98.0	2.0	0.83	mg/l	EPA 300/SW846 9056A
Nitrogen, Nitrate [b]		11.6	1.6	1.4	mg/l	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite		11.6	1.6	1.4	mg/l	EPA 353.2/LACHAT
Sulfate		51.3	2.0	0.89	mg/l	EPA 300/SW846 9056A
Total Organic Carbon		1.1	1.0	0.72	mg/l	SM5310 B-11/14

(a) Sample was titrated to a final pH of 4.5. Sample received with head space.
(b) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	828103-MW-03CA-20240925		
Lab Sample ID:	JD96837-1	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/26/24
		Percent Solids:	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	977	100	32	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]
Manganese	30.9	15	1.4	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56998
(2) Prep QC Batch: MP49594

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: 828103-MW-03CA-20240925
Lab Sample ID: JD96837-1
Matrix: AQ - Ground Water
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY

Date Sampled: 09/25/24
Date Received: 09/26/24
Percent Solids: n/a

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3 [a]	394	5.0	3.6	mg/l	1	09/27/24 19:28	JOO	SM2320 B-11
Chloride	208	2.0	0.83	mg/l	1	10/01/24 03:07	SS	EPA 300/SW846 9056A
Nitrogen, Nitrate [b]	0.093 U	0.11	0.093	mg/l	1	10/02/24 20:02	JD	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	0.090 U	0.10	0.090	mg/l	1	10/02/24 20:02	JD	EPA 353.2/LACHAT
Nitrogen, Nitrite	0.0030 U	0.010	0.0030	mg/l	1	09/26/24 15:08	MP	SM4500NO2 B-11
Sulfate	121	2.0	0.89	mg/l	1	10/01/24 03:07	SS	EPA 300/SW846 9056A
Sulfide	0.48 U	2.0	0.48	mg/l	1	09/30/24 17:18	MP	SM4500S2- F-11
Total Organic Carbon	0.78 B	1.0	0.72	mg/l	1	10/03/24 04:59	MB	SM5310 B-11/14

(a) Sample was titrated to a final pH of 4.5. Sample received with head space.
(b) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	828103-MW-14KA-20240925		
Lab Sample ID:	JD96837-2	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/26/24
		Percent Solids:	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	1120	100	32	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]
Manganese	36.4	15	1.4	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56998
(2) Prep QC Batch: MP49594

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	828103-MW-14KA-20240925		
Lab Sample ID:	JD96837-2	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/26/24
		Percent Solids:	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3 [a]	343	5.0	3.6	mg/l	1	09/27/24 19:28	JOO	SM2320 B-11
Chloride	142	2.0	0.83	mg/l	1	10/01/24 04:37	SS	EPA 300/SW846 9056A
Nitrogen, Nitrate [b]	0.093 U	0.11	0.093	mg/l	1	10/02/24 20:03	JD	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	0.090 U	0.10	0.090	mg/l	1	10/02/24 20:03	JD	EPA 353.2/LACHAT
Nitrogen, Nitrite	0.0030 U	0.010	0.0030	mg/l	1	09/26/24 15:08	MP	SM4500NO2 B-11
Sulfate	93.0	2.0	0.89	mg/l	1	10/01/24 04:37	SS	EPA 300/SW846 9056A
Sulfide	0.48 U	2.0	0.48	mg/l	1	09/30/24 17:18	MP	SM4500S2- F-11
Total Organic Carbon	2.8	1.0	0.72	mg/l	1	10/03/24 05:23	MB	SM5310 B-11/14

(a) Sample was titrated to a final pH of 4.5. Sample received with head space.
(b) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	828103-MW-03A-20240925		
Lab Sample ID:	JD96837-3	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/26/24
		Percent Solids:	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	1360	100	32	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]
Manganese	38.6	15	1.4	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56998
(2) Prep QC Batch: MP49594

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	828103-MW-03A-20240925		
Lab Sample ID:	JD96837-3	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/26/24
		Percent Solids:	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3 [a]	345	5.0	3.6	mg/l	1	09/27/24 19:28	JOO	SM2320 B-11
Chloride	122	2.0	0.83	mg/l	1	10/01/24 05:16	SS	EPA 300/SW846 9056A
Nitrogen, Nitrate [b]	0.093 U	0.11	0.093	mg/l	1	10/02/24 20:04	JD	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	0.090 U	0.10	0.090	mg/l	1	10/02/24 20:04	JD	EPA 353.2/LACHAT
Nitrogen, Nitrite	0.0030 U	0.010	0.0030	mg/l	1	09/26/24 15:08	MP	SM4500NO2 B-11
Sulfate	80.9	2.0	0.89	mg/l	1	10/01/24 05:16	SS	EPA 300/SW846 9056A
Sulfide	0.48 U	2.0	0.48	mg/l	1	09/30/24 17:18	MP	SM4500S2- F-11
Total Organic Carbon	4.0	1.0	0.72	mg/l	1	10/03/24 05:43	MB	SM5310 B-11/14

(a) Sample was titrated to a final pH of 4.5. Sample received with head space.
(b) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	828103-MW-20S-20240925		
Lab Sample ID:	JD96837-4	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/26/24
		Percent Solids:	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	128	100	32	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]
Manganese	60.5	15	1.4	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56998
(2) Prep QC Batch: MP49594

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: 828103-MW-20S-20240925
Lab Sample ID: JD96837-4
Matrix: AQ - Ground Water
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY

Date Sampled: 09/25/24
Date Received: 09/26/24
Percent Solids: n/a

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3 [a]	420	5.0	3.6	mg/l	1	09/27/24 19:28	JOO	SM2320 B-11
Chloride	65.2	2.0	0.83	mg/l	1	10/01/24 05:29	SS	EPA 300/SW846 9056A
Nitrogen, Nitrate [b]	0.13	0.11	0.093	mg/l	1	10/02/24 20:05	JD	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	0.13	0.10	0.090	mg/l	1	10/02/24 20:05	JD	EPA 353.2/LACHAT
Nitrogen, Nitrite	0.0030 U	0.010	0.0030	mg/l	1	09/26/24 15:08	MP	SM4500NO2 B-11
Sulfate	82.6	2.0	0.89	mg/l	1	10/01/24 05:29	SS	EPA 300/SW846 9056A
Sulfide	0.48 U	2.0	0.48	mg/l	1	09/30/24 17:18	MP	SM4500S2- F-11
Total Organic Carbon	4.1	1.0	0.72	mg/l	1	10/04/24 20:32	MB	SM5310 B-11/14

(a) Sample was titrated to a final pH of 4.5. Sample received with head space.
(b) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: 828103-MW-13K-20240925
Lab Sample ID: JD96837-5
Matrix: AQ - Ground Water
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY

Date Sampled: 09/25/24
Date Received: 09/26/24
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	1150	100	32	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]
Manganese	71.2	15	1.4	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56998
(2) Prep QC Batch: MP49594

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: 828103-MW-13K-20240925
Lab Sample ID: JD96837-5
Matrix: AQ - Ground Water
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY

Date Sampled: 09/25/24
Date Received: 09/26/24
Percent Solids: n/a

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3 [a]	389	5.0	3.6	mg/l	1	09/27/24 19:28	JOO	SM2320 B-11
Chloride	297	2.0	0.83	mg/l	1	10/01/24 05:42	SS	EPA 300/SW846 9056A
Nitrogen, Nitrate [b]	0.093 U	0.11	0.093	mg/l	1	10/02/24 20:08	JD	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	0.090 U	0.10	0.090	mg/l	1	10/02/24 20:08	JD	EPA 353.2/LACHAT
Nitrogen, Nitrite	0.020	0.010	0.0030	mg/l	1	09/26/24 15:08	MP	SM4500NO2 B-11
Sulfate	44.4	2.0	0.89	mg/l	1	10/01/24 05:42	SS	EPA 300/SW846 9056A
Sulfide	0.48 U	2.0	0.48	mg/l	1	09/30/24 17:18	MP	SM4500S2- F-11
Total Organic Carbon	2.0	1.0	0.72	mg/l	1	10/04/24 21:40	MB	SM5310 B-11/14

(a) Sample was titrated to a final pH of 4.5. Sample received with head space.
(b) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	828103-MW-08K-20240925		
Lab Sample ID:	JD96837-6	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/26/24
		Percent Solids:	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	3180	100	32	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]
Manganese	919	15	1.4	ug/l	1	09/30/24	10/01/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56998
(2) Prep QC Batch: MP49594

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	828103-MW-08K-20240925		
Lab Sample ID:	JD96837-6	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/26/24
		Percent Solids:	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3 [a]	342	5.0	3.6	mg/l	1	09/27/24 19:28	JOO	SM2320 B-11
Chloride	98.0	2.0	0.83	mg/l	1	10/01/24 05:55	SS	EPA 300/SW846 9056A
Nitrogen, Nitrate [b]	11.6	1.6	1.4	mg/l	1	10/02/24 20:16	JD	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	11.6	1.6	1.4	mg/l	16	10/02/24 20:16	JD	EPA 353.2/LACHAT
Nitrogen, Nitrite	0.0030 U	0.010	0.0030	mg/l	1	09/26/24 15:09	MP	SM4500NO2 B-11
Sulfate	51.3	2.0	0.89	mg/l	1	10/01/24 05:55	SS	EPA 300/SW846 9056A
Sulfide	0.48 U	2.0	0.48	mg/l	1	09/30/24 17:18	MP	SM4500S2- F-11
Total Organic Carbon	1.1	1.0	0.72	mg/l	1	10/04/24 22:01	MB	SM5310 B-11/14

(a) Sample was titrated to a final pH of 4.5. Sample received with head space.
(b) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

EA Engineering

NYSDEC SMP-D Site- Dinaburg, Rochester, NY

PO#1602534/18

SGS Job Number: JD96929

Sampling Dates: 09/25/24 - 09/26/24



Report to:

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Total number of pages in report: **494**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

Client Service contact: Kelly Ramos 732-329-0200
Certifications: NJ(12129), NY(10983), CA, CO, CT, FL, HI, IL, IN, KY, LA (120428), MA, MD, ME, MN, NC, NH, NV, AK (UST-103), AZ (AZ0786), PA(68-00408), RI, SC, TX (T104704234), UT, VA, WA, WV

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Sample Summary

EA Engineering

Job No: JD96929

NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Project No: PO#1602534/18

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD96929-1	09/26/24	09:27	CD	09/27/24	AQ	Ground Water	828108-MW-19S-20240926
JD96929-2	09/25/24	10:36	CD	09/27/24	AQ	Ground Water	828103-MW-20S-20240925
JD96929-3	09/25/24	15:54	CD	09/27/24	AQ	Ground Water	828103-MW-08K-20240925
JD96929-4	09/25/24	12:20	CD	09/27/24	AQ	Ground Water	828103-MW-14KA-20240925
JD96929-5	09/25/24	13:33	CD	09/27/24	AQ	Ground Water	828103-MW-03CA-20240925
JD96929-6	09/25/24	11:38	CD	09/27/24	AQ	Ground Water	828103-MW-03A-20240925
JD96929-7	09/25/24	15:37	CD	09/27/24	AQ	Ground Water	828103-MW-13K-20240925

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: EA Engineering **Job No:** JD96929

Site: NYSDEC SMP-D Site- Dinaburg, Rochester, NY **Report Date** 10/11/2024 2:18:25 P

On 09/27/2024, 7 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.8 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD96929 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

GC Volatiles By Method RSK-175

Matrix: AQ **Batch ID:** GAA3138

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96910-8DUP were used as the QC samples indicated.

Matrix: AQ **Batch ID:** GAA3139

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD96929-6DUP were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: AQ **Batch ID:** GWW5809

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD96929-2DUP were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- JD96929-4: (pH=6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
- JD96929-7: (pH=6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
- JD96929-6: (pH=6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
- JD96929-5: (pH=6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
- JD96929-3: (pH=6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
- JD96929-2: (pH=6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
- JD96929-1: (pH=6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.

Metals Analysis By Method SW846 6010D

Matrix: AQ **Batch ID:** MP49620

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96943-1MS, JD96943-1MSD, JD96943-1SDL were used as the QC samples for the metals analysis.

General Chemistry By Method EPA 300/SW846 9056A

Matrix: AQ **Batch ID:** GP56934

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD97134-3MS, JD97134-3MSD were used as the QC samples for the Chloride, Sulfate, Chloride analysis.

General Chemistry By Method EPA 353.2/LACHAT

Matrix: AQ **Batch ID:** GP57067

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD97307-21DUP, JD97307-21MS were used as the QC samples for the Nitrogen, Nitrate + Nitrite analysis.

General Chemistry By Method EPA353.2/SM4500NO2B

Matrix: AQ **Batch ID:** R212887

- The data for EPA353.2/SM4500NO2B meets quality control requirements.
- JD96929-1 for Nitrogen, Nitrate: Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

General Chemistry By Method SM2320 B-11

Matrix: AQ **Batch ID:** GN60463

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD97318-2DUP were used as the QC samples for the Alkalinity, Total as CaCO3 analysis.
- JD96929-1 for Alkalinity, Total as CaCO3: Sample was titrated to a final pH of 4.5.Sample received with head space.

General Chemistry By Method SM4500NO2 B-11

Matrix: AQ **Batch ID:** GN60181

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96895-2MS, JD96895-2MSD were used as the QC samples for the Nitrogen, Nitrite analysis.

General Chemistry By Method SM4500S2- F-11

Matrix: AQ **Batch ID:** GN60367

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96929-1MS, JD97060-1DUP were used as the QC samples for the Sulfide analysis.

General Chemistry By Method SM5310 B-11/14

Matrix: AQ **Batch ID:** GP56972

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD97277-8MSD, JD97277-8MS were used as the QC samples for the Total Organic Carbon analysis.
- The matrix spike (MS) recovery(s) of Total Organic Carbon are outside control limits. Spike recovery indicates possible matrix interference.
- The matrix spike duplicate (MSD) recovery(s) of Total Organic Carbon are outside control limits. Spike recovery indicates possible matrix interference.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD96929
Account: EA Engineering
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Collected: 09/25/24 thru 09/26/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD96929-1	**828108-MW-19S-20240926**					
Methane		2.43	0.11	0.080	ug/l	RSK-175
Ethene		0.38	0.31	0.16	ug/l	RSK-175
Carbon Dioxide [a]		17900	250	130	ug/l	RSK-175
Iron		1360	100	32	ug/l	SW846 6010D
Manganese		64.1	15	1.4	ug/l	SW846 6010D
Alkalinity, Total as CaCO3 [b]		438	5.0	3.6	mg/l	SM2320 B-11
Chloride		5.4	2.0	0.83	mg/l	EPA 300/SW846 9056A
Nitrogen, Nitrate [c]		4.0	0.11	0.093	mg/l	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite		4.0	0.10	0.090	mg/l	EPA 353.2/LACHAT
Nitrogen, Nitrite		0.028	0.010	0.0030	mg/l	SM4500NO2 B-11
Sulfate		49.3	2.0	0.89	mg/l	EPA 300/SW846 9056A
Total Organic Carbon		5.4	1.0	0.72	mg/l	SM5310 B-11/14
JD96929-2	**828103-MW-20S-20240925**					
Methane		0.75	0.11	0.080	ug/l	RSK-175
Carbon Dioxide [a]		8980	250	130	ug/l	RSK-175
JD96929-3	**828103-MW-08K-20240925**					
Methane		9.00	0.11	0.080	ug/l	RSK-175
Carbon Dioxide [a]		5790	250	130	ug/l	RSK-175
JD96929-4	**828103-MW-14KA-20240925**					
Methane		142	0.55	0.40	ug/l	RSK-175
Ethane		3.57	0.23	0.14	ug/l	RSK-175
Ethene		22.0	0.31	0.16	ug/l	RSK-175
Carbon Dioxide [a]		5490	250	130	ug/l	RSK-175
JD96929-5	**828103-MW-03CA-20240925**					
Methane		12.3	0.11	0.080	ug/l	RSK-175
Ethane		0.35	0.23	0.14	ug/l	RSK-175
Ethene		1.2	0.31	0.16	ug/l	RSK-175
Carbon Dioxide [a]		7420	250	130	ug/l	RSK-175
JD96929-6	**828103-MW-03A-20240925**					
Methane		58.4	0.11	0.080	ug/l	RSK-175
Ethane		2.0	0.23	0.14	ug/l	RSK-175
Ethene		39.4	0.31	0.16	ug/l	RSK-175
Carbon Dioxide [a]		4860	250	130	ug/l	RSK-175

Summary of Hits

Job Number: JD96929
Account: EA Engineering
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Collected: 09/25/24 thru 09/26/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD96929-7	**828103-MW-13K-20240925**					
Methane		298	0.55	0.40	ug/l	RSK-175
Ethane		9.56	0.23	0.14	ug/l	RSK-175
Ethene		8.14	0.31	0.16	ug/l	RSK-175
Carbon Dioxide [a]		7220	250	130	ug/l	RSK-175

(a) (pH= 6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
(b) Sample was titrated to a final pH of 4.5.Sample received with head space.
(c) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	828108-MW-19S-20240926		
Lab Sample ID:	JD96929-1	**Date Sampled:**	09/26/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	RSK-175	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AA111080.D	1	10/04/24 14:58	WC	n/a	n/a	GAA3138
Run #2 [a]	WW145701.D	5	10/01/24 10:01	WC	n/a	n/a	GWW5809

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	2.43	0.11	0.080	ug/l	
74-84-0	Ethane	ND	0.23	0.14	ug/l	
74-85-1	Ethene	0.38	0.31	0.16	ug/l	
124-38-9	Carbon Dioxide	17900 [b]	250	130	ug/l	

(a) (pH= 6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828108-MW-19S-20240926		
Lab Sample ID:	JD96929-1	**Date Sampled:**	09/26/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
		Percent Solids:	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Iron	1360	100	32	ug/l	1	10/01/24	10/01/24	MM	SW846 6010D [1]	SW846 3010A [2]
Manganese	64.1	15	1.4	ug/l	1	10/01/24	10/01/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56981
(2) Prep QC Batch: MP49620

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	828108-MW-19S-20240926		
Lab Sample ID:	JD96929-1	**Date Sampled:**	09/26/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
		Percent Solids:	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Alkalinity, Total as CaCO3 [a]	438	5.0	3.6	mg/l	1	10/04/24 15:38	JOO	SM2320 B-11
Chloride	5.4	2.0	0.83	mg/l	1	10/02/24 01:42	SS	EPA 300/SW846 9056A
Nitrogen, Nitrate [b]	4.0	0.11	0.093	mg/l	1	10/08/24 19:14	JD	EPA353.2/SM4500NO2B
Nitrogen, Nitrate + Nitrite	4.0	0.10	0.090	mg/l	1	10/08/24 19:14	JD	EPA 353.2/LACHAT
Nitrogen, Nitrite	0.028	0.010	0.0030	mg/l	1	09/27/24 16:15	MP	SM4500NO2 B-11
Sulfate	49.3	2.0	0.89	mg/l	1	10/02/24 01:42	SS	EPA 300/SW846 9056A
Sulfide	0.48 U	2.0	0.48	mg/l	1	10/02/24 17:43	MP	SM4500S2- F-11
Total Organic Carbon	5.4	1.0	0.72	mg/l	1	10/08/24 03:20	MB	SM5310 B-11/14

(a) Sample was titrated to a final pH of 4.5. Sample received with head space.
(b) Calculated as: (Nitrogen, Nitrate + Nitrite) - (Nitrogen, Nitrite)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-20S-20240925		
Lab Sample ID:	JD96929-2	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	RSK-175	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AA111081.D	1	10/04/24 15:11	WC	n/a	n/a	GAA3138
Run #2 [a]	WW145702.D	5	10/01/24 10:24	WC	n/a	n/a	GWW5809

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	0.75	0.11	0.080	ug/l	
74-84-0	Ethane	ND	0.23	0.14	ug/l	
74-85-1	Ethene	ND	0.31	0.16	ug/l	
124-38-9	Carbon Dioxide	8980 [b]	250	130	ug/l	

(a) (pH= 6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-08K-20240925		
Lab Sample ID:	JD96929-3	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	RSK-175	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AA111082.D	1	10/04/24 15:30	WC	n/a	n/a	GAA3138
Run #2 [a]	WW145704.D	5	10/01/24 10:55	WC	n/a	n/a	GWW5809

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	9.00	0.11	0.080	ug/l	
74-84-0	Ethane	ND	0.23	0.14	ug/l	
74-85-1	Ethene	ND	0.31	0.16	ug/l	
124-38-9	Carbon Dioxide	5790 [b]	250	130	ug/l	

(a) (pH= 6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-14KA-20240925		
Lab Sample ID:	JD96929-4	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	RSK-175	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AA111083.D	1	10/04/24 15:48	WC	n/a	n/a	GAA3138
Run #2 [a]	WW145705.D	5	10/01/24 11:10	WC	n/a	n/a	GWW5809
Run #3	AA111084.D	5	10/04/24 16:01	WC	n/a	n/a	GAA3138

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	142 [b]	0.55	0.40	ug/l	
74-84-0	Ethane	3.57	0.23	0.14	ug/l	
74-85-1	Ethene	22.0	0.31	0.16	ug/l	
124-38-9	Carbon Dioxide	5490 [c]	250	130	ug/l	

(a) (pH= 6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
(b) Result is from Run# 3
(c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-03CA-20240925		
Lab Sample ID:	JD96929-5	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	RSK-175	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AA111090.D	1	10/07/24 09:02	WC	n/a	n/a	GAA3139
Run #2 [a]	WW145706.D	5	10/01/24 11:27	WC	n/a	n/a	GWW5809

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	12.3	0.11	0.080	ug/l	
74-84-0	Ethane	0.35	0.23	0.14	ug/l	
74-85-1	Ethene	1.2	0.31	0.16	ug/l	
124-38-9	Carbon Dioxide	7420 [b]	250	130	ug/l	

(a) (pH= 6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-03A-20240925		
Lab Sample ID:	JD96929-6	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	RSK-175	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AA111091.D	1	10/07/24 09:32	WC	n/a	n/a	GAA3139
Run #2 [a]	WW145707.D	5	10/01/24 11:49	WC	n/a	n/a	GWW5809

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	58.4	0.11	0.080	ug/l	
74-84-0	Ethane	2.0	0.23	0.14	ug/l	
74-85-1	Ethene	39.4	0.31	0.16	ug/l	
124-38-9	Carbon Dioxide	4860 [b]	250	130	ug/l	

(a) (pH= 6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-13K-20240925		
Lab Sample ID:	JD96929-7	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	RSK-175	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AA111093.D	1	10/07/24 09:59	WC	n/a	n/a	GAA3139
Run #2 [a]	WW145708.D	5	10/01/24 13:05	WC	n/a	n/a	GWW5809
Run #3	AA111094.D	5	10/07/24 10:19	WC	n/a	n/a	GAA3139

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	298 [b]	0.55	0.40	ug/l	
74-84-0	Ethane	9.56	0.23	0.14	ug/l	
74-85-1	Ethene	8.14	0.31	0.16	ug/l	
124-38-9	Carbon Dioxide	7220 [c]	250	130	ug/l	

(a) (pH= 6)Sample is not acid preservation per method/client criteria. Sample analyzed within 7 days holding time.
(b) Result is from Run# 3
(c) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

The results set forth herein are provided by SGS North America Inc.

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Automated Report

Technical Report for

EA Engineering

NYSDEC SMP-D Site- Dinaburg, Rochester, NY

PO#1602534/18

SGS Job Number: JD96962

Sampling Dates: 09/24/24 - 09/26/24



Report to:

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Total number of pages in report: **4996**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

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Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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SGS North America Inc.

Sample Summary

EA Engineering

Job No: JD96962

NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Project No: PO#1602534/18

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JD96962-1	09/24/24	09:10	CD	09/27/24	AQ	Ground Water	828103-MW-15S-20240924
JD96962-2	09/24/24	09:30	CD	09/27/24	AQ	Ground Water	828103-MW-15K-20240924
JD96962-2D	09/24/24	09:30	CD	09/27/24	AQ	Water Dup/MSD	828103-MW-15K-20240924
JD96962-2S	09/24/24	09:30	CD	09/27/24	AQ	Water Matrix Spike	828103-MW-15K-20240924
JD96962-3	09/24/24	09:56	CD	09/27/24	AQ	Ground Water	828103-MW-13K-20240924
JD96962-4	09/24/24	10:22	CD	09/27/24	AQ	Ground Water	828103-MW-23K-20240924
JD96962-5	09/24/24	10:30	CD	09/27/24	AQ	Ground Water	828103-MW-10S-20240924
JD96962-6	09/24/24	10:40	CD	09/27/24	AQ	Ground Water	828103-MW-05-20240924
JD96962-7	09/24/24	11:06	CD	09/27/24	AQ	Ground Water	828103-MW-24K-20240924
JD96962-8	09/24/24	11:22	CD	09/27/24	AQ	Ground Water	828103-P2-24S-20240924
JD96962-9	09/24/24	11:48	CD	09/27/24	AQ	Ground Water	828103-MW-09S-20240924
JD96962-10	09/24/24	12:00	CD	09/27/24	AQ	Ground Water	828103-MW-09K-20240924

Sample Summary
(continued)

EA Engineering

Job No: JD96962

NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Project No: PO#1602534/18

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD96962-11	09/24/24	13:22	CD	09/27/24	AQ	Ground Water	828103-MW-06-20240924
JD96962-12	09/24/24	13:52	CD	09/27/24	AQ	Ground Water	828103-MW-08S-20240924
JD96962-13	09/24/24	14:02	CD	09/27/24	AQ	Ground Water	828103-MW-08K-20240924
JD96962-14	09/24/24	14:20	CD	09/27/24	AQ	Ground Water	828103-MW-22K-20240924
JD96962-15	09/24/24	14:30	CD	09/27/24	AQ	Ground Water	828103-P2-22S-20240924
JD96962-16	09/24/24	14:54	CD	09/27/24	AQ	Ground Water	828103-MW-11S-20240924
JD96962-17	09/24/24	15:12	CD	09/27/24	AQ	Ground Water	828103-MW-12K-20240924
JD96962-18	09/24/24	15:26	CD	09/27/24	AQ	Ground Water	828103-MW-12S-20240924
JD96962-19	09/24/24	15:39	CD	09/27/24	AQ	Ground Water	828103-MW-04-20240924
JD96962-20	09/24/24	16:26	CD	09/27/24	AQ	Ground Water	828103-MW-21S-20240924
JD96962-21	09/24/24	16:45	CD	09/27/24	AQ	Ground Water	828103-MW-03D-20240924
JD96962-22	09/24/24	17:03	CD	09/27/24	AQ	Ground Water	828103-MW-16K-20240924
JD96962-23	09/24/24	17:15	CD	09/27/24	AQ	Ground Water	828103-MW-17S-20240924

Sample Summary
(continued)

EA Engineering

Job No: JD96962

NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Project No: PO#1602534/18

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD96962-24	09/24/24	00:00	CD	09/27/24	AQ	Ground Water	828103-DUP-1-20240924
JD96962-25	09/24/24	00:00	CD	09/27/24	AQ	Ground Water	828103-DUP-2-20240924
JD96962-26	09/25/24	08:48	CD	09/27/24	AQ	Ground Water	828103-MW-16S-20240925
JD96962-27	09/25/24	09:10	CD	09/27/24	AQ	Ground Water	828103-MW-18S-20240925
JD96962-28	09/25/24	09:55	CD	09/27/24	AQ	Ground Water	828103-MW-03A-20240925
JD96962-29	09/25/24	10:00	CD	09/27/24	AQ	Ground Water	828103-MW-20S-20240925
JD96962-30	09/25/24	11:15	CD	09/27/24	AQ	Ground Water	828103-MW-14KA-20240925
JD96962-31	09/25/24	12:58	CD	09/27/24	AQ	Ground Water	828103-MW-19S-20240925
JD96962-32	09/25/24	12:30	CD	09/27/24	AQ	Ground Water	828103-MW-03CA-20240925
JD96962-33	09/26/24	09:40	CD	09/27/24	AQ	Ground Water	828103-MW-10K-20240926
JD96962-33D	09/26/24	09:40	CD	09/27/24	AQ	Water Dup/MSD	828103-MW-10K-20240926
JD96962-33S	09/26/24	09:40	CD	09/27/24	AQ	Water Matrix Spike	828103-MW-10K-20240926
JD96962-34	09/26/24	11:30	CD	09/27/24	AQ	Ground Water	828103-GWE-2-20240926

SGS North America Inc.

Sample Summary
(continued)

EA Engineering

Job No: JD96962

NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Project No: PO#1602534/18

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD96962-35	09/26/24	11:35	CD	09/27/24	AQ	Ground Water	828103-MPE-17-20240926
JD96962-36	09/26/24	15:45	CD	09/27/24	AQ	Trip Blank Water	828103-TB-20240926
JD96962-37	09/26/24	15:45	CD	09/27/24	AQ	Equipment Blank	828103-EQB-20240926

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: EA Engineering **Job No:** JD96962

Site: NYSDEC SMP-D Site- Dinaburg, Rochester, NY **Report Date** 10/13/2024 10:06:52 P

On 09/27/2024, 35 sample(s), 1 Trip Blank(s), 1 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.8 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD96962 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1K521

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96962-29MS, JD96962-29MSD were used as the QC samples indicated.
- The matrix spike (MS) recovery(s) of Tetrachloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- The matrix spike duplicate (MSD) recovery(s) of Tetrachloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JD96962-29: Dilution required due to high concentration of target compound.
- JD96962-31: Dilution required due to high concentration of target compound.
- JD96962-29 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD96962-29 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD96962-31 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD96962-31 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD96962-36 for 1,2,4-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- V1K521-BS for Trichlorofluoromethane: High percent recovery and no associated positive reported in the QC batch.
- JD96962-36 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD96962-36 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD96962-36 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ **Batch ID:** V1N377

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96962-3MS, JD96962-3MSD were used as the QC samples indicated.
- The matrix spike (MS) recovery(s) of cis-1,2-Dichloroethene, Tetrachloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- The matrix spike duplicate (MSD) recovery(s) of Tetrachloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JD96962-3: Dilution required due to high concentration of target compound.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1N377

- JD96962-24: Dilution required due to high concentration of target compound.
- JD96962-3 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-24 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-7 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-21 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-13 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-11 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-25 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-9 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-17 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-1 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-5 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-15 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-19 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-27 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.

Matrix: AQ **Batch ID:** V2K521

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD96962-33MS, JD96962-33MSD were used as the QC samples indicated.
- Matrix Spike/Matrix Spike Duplicate recovery(s) of Methylcyclohexane are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike/Matrix Spike Duplicate recovery(s) of Trichlorofluoromethane are outside in house control limits.
- The matrix spike (MS) recovery(s) of Trichloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JD96962-30: Dilution required due to high concentration of target compound.
- JD96962-30 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD96962-30 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD96962-37 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD96962-37 for Bromoform: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- V2K521-BS for Trichlorofluoromethane: High percent recovery and no associated positive reported in the QC batch.
- JD96962-37 for 1,2,4-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD96962-33 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD96962-33 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD96962-33 for 1,2,4-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD96962-33 for Bromoform: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD96962-37 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V2N377

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD96962-2MS, JD96962-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The matrix spike (MS) recovery(s) of Trichloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JD96962-22: Dilution required due to high concentration of target compound.
- JD96962-22 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-2 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-18 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-26 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-26 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-23 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-23 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-20 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-8 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-18 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-2 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-16 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-16 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-14 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-14 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-28 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-20 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-28 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-12 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-4 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-4 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-6 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-6 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-10 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-10 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-12 for 4-Methyl-2-pentanone(MIBK): Associated CCV outside of control limits high, sample was ND.
- JD96962-8 for Bromomethane: Associated CCV outside of control limits high, sample was ND.

Matrix: AQ **Batch ID:** VGB461

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD97195-3MS, JD97195-3MSD were used as the QC samples indicated.
- JD96962-34 for Chloromethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-32 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-32 for Chloromethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-32 for Chloroethane: Associated CCV outside of control limits high, sample was ND.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** VGB461

- JD96962-35 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD96962-35 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-35 for Chloromethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-35 for Chloroethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-34 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-34 for Chloroethane: Associated CCV outside of control limits high, sample was ND.
- JD96962-32 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD96962-34 for 1,2,3-Trichlorobenzene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD96962
Account: EA Engineering
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Collected: 09/24/24 thru 09/26/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD96962-1	**828103-MW-15S-20240924**					
Acetone		157	10	3.1	ug/l	SW846 8260D
cis-1,2-Dichloroethene		2.3	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		43.8	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		70.8	1.0	0.53	ug/l	SW846 8260D
JD96962-2	**828103-MW-15K-20240924**					
Acetone		224	10	3.1	ug/l	SW846 8260D
Benzene		0.47 J	0.50	0.43	ug/l	SW846 8260D
1,1-Dichloroethane		2.9	1.0	0.57	ug/l	SW846 8260D
1,1-Dichloroethene		6.3	1.0	0.59	ug/l	SW846 8260D
cis-1,2-Dichloroethene		252	10	5.1	ug/l	SW846 8260D
trans-1,2-Dichloroethene		2.5	1.0	0.54	ug/l	SW846 8260D
Tetrachloroethene		57.8	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		189	10	5.3	ug/l	SW846 8260D
JD96962-3	**828103-MW-13K-20240924**					
Acetone [a]		32.3 J	50	15	ug/l	SW846 8260D
cis-1,2-Dichloroethene [a]		578	5.0	2.5	ug/l	SW846 8260D
trans-1,2-Dichloroethene [a]		17.0	5.0	2.7	ug/l	SW846 8260D
Tetrachloroethene [a]		950	5.0	2.8	ug/l	SW846 8260D
Trichloroethene [a]		370	5.0	2.6	ug/l	SW846 8260D
Vinyl chloride [a]		103	5.0	2.6	ug/l	SW846 8260D
JD96962-4	**828103-MW-23K-20240924**					
Acetone		26.6	10	3.1	ug/l	SW846 8260D
JD96962-5	**828103-MW-10S-20240924**					
Acetone		60.2	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		2.9 J	10	2.7	ug/l	SW846 8260D
Cyclohexane		1.1 J	5.0	0.78	ug/l	SW846 8260D
cis-1,2-Dichloroethene		1.2	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		3.6	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		8.7	1.0	0.53	ug/l	SW846 8260D
JD96962-6	**828103-MW-05-20240924**					
Acetone		72.4	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		2.8 J	10	2.7	ug/l	SW846 8260D

Summary of Hits

Job Number: JD96962
Account: EA Engineering
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Collected: 09/24/24 thru 09/26/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD96962-7	**828103-MW-24K-20240924**					
Acetone		63.9	10	3.1	ug/l	SW846 8260D
Cyclohexane		0.93 J	5.0	0.78	ug/l	SW846 8260D
JD96962-8	**828103-P2-24S-20240924**					
Acetone		42.8	10	3.1	ug/l	SW846 8260D
JD96962-9	**828103-MW-09S-20240924**					
Acetone		130	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		4.9 J	10	2.7	ug/l	SW846 8260D
JD96962-10	**828103-MW-09K-20240924**					
Acetone		73.1	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		3.2 J	10	2.7	ug/l	SW846 8260D
Cyclohexane		0.83 J	5.0	0.78	ug/l	SW846 8260D
1,1-Dichloroethane		0.62 J	1.0	0.57	ug/l	SW846 8260D
cis-1,2-Dichloroethene		148	1.0	0.51	ug/l	SW846 8260D
trans-1,2-Dichloroethene		0.68 J	1.0	0.54	ug/l	SW846 8260D
Tetrachloroethene		35.8	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		35.8	1.0	0.53	ug/l	SW846 8260D
Vinyl chloride		22.2	1.0	0.52	ug/l	SW846 8260D
JD96962-11	**828103-MW-06-20240924**					
Acetone		32.0	10	3.1	ug/l	SW846 8260D
cis-1,2-Dichloroethene		0.64 J	1.0	0.51	ug/l	SW846 8260D
JD96962-12	**828103-MW-08S-20240924**					
Acetone		108	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		3.1 J	10	2.7	ug/l	SW846 8260D
JD96962-13	**828103-MW-08K-20240924**					
Acetone		196	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		5.0 J	10	2.7	ug/l	SW846 8260D
JD96962-14	**828103-MW-22K-20240924**					
Acetone		66.2	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		2.9 J	10	2.7	ug/l	SW846 8260D

Summary of Hits

Job Number: JD96962
Account: EA Engineering
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Collected: 09/24/24 thru 09/26/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
cis-1,2-Dichloroethene		21.4	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		1.4	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		3.8	1.0	0.53	ug/l	SW846 8260D
Vinyl chloride		1.2	1.0	0.52	ug/l	SW846 8260D
JD96962-15	**828103-P2-22S-20240924**					
Acetone		4.3 J	10	3.1	ug/l	SW846 8260D
JD96962-16	**828103-MW-11S-20240924**					
Acetone		276	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		10.9	10	2.7	ug/l	SW846 8260D
JD96962-17	**828103-MW-12K-20240924**					
Acetone		139	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		3.6 J	10	2.7	ug/l	SW846 8260D
Trichloroethene		6.3	1.0	0.53	ug/l	SW846 8260D
JD96962-18	**828103-MW-12S-20240924**					
Acetone		87.1	10	3.1	ug/l	SW846 8260D
Cyclohexane		0.94 J	5.0	0.78	ug/l	SW846 8260D
JD96962-19	**828103-MW-04-20240924**					
Acetone		72.0	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		4.7 J	10	2.7	ug/l	SW846 8260D
JD96962-20	**828103-MW-21S-20240924**					
Acetone		161	10	3.1	ug/l	SW846 8260D
Benzene		0.51	0.50	0.43	ug/l	SW846 8260D
Chloroethane		0.79 J	1.0	0.73	ug/l	SW846 8260D
cis-1,2-Dichloroethene		1.9	1.0	0.51	ug/l	SW846 8260D
trans-1,2-Dichloroethene		2.6	1.0	0.54	ug/l	SW846 8260D
Tetrachloroethene		3.8	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		4.7	1.0	0.53	ug/l	SW846 8260D
JD96962-21	**828103-MW-03D-20240924**					
Acetone		56.5	10	3.1	ug/l	SW846 8260D

Summary of Hits

Job Number: JD96962
Account: EA Engineering
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Collected: 09/24/24 thru 09/26/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD96962-22	**828103-MW-16K-20240924**					
cis-1,2-Dichloroethene [a]		2170	20	10	ug/l	SW846 8260D
trans-1,2-Dichloroethene [a]		13.6 J	20	11	ug/l	SW846 8260D
Tetrachloroethene [a]		851	20	11	ug/l	SW846 8260D
Trichloroethene [a]		3300	20	11	ug/l	SW846 8260D
JD96962-23	**828103-MW-17S-20240924**					
Acetone		88.5	10	3.1	ug/l	SW846 8260D
cis-1,2-Dichloroethene		1.4	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		42.7	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		91.9	1.0	0.53	ug/l	SW846 8260D
JD96962-24	**828103-DUP-1-20240924**					
Acetone [a]		35.0 J	50	15	ug/l	SW846 8260D
cis-1,2-Dichloroethene [a]		582	5.0	2.5	ug/l	SW846 8260D
trans-1,2-Dichloroethene [a]		11.7	5.0	2.7	ug/l	SW846 8260D
Tetrachloroethene [a]		939	5.0	2.8	ug/l	SW846 8260D
Trichloroethene [a]		363	5.0	2.6	ug/l	SW846 8260D
Vinyl chloride [a]		104	5.0	2.6	ug/l	SW846 8260D
JD96962-25	**828103-DUP-2-20240924**					
Acetone		72.2	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		5.1 J	10	2.7	ug/l	SW846 8260D
JD96962-26	**828103-MW-16S-20240925**					
Acetone		243	10	3.1	ug/l	SW846 8260D
cis-1,2-Dichloroethene		20.0	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		9.7	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		178	1.0	0.53	ug/l	SW846 8260D
JD96962-27	**828103-MW-18S-20240925**					
Acetone		212	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		3.4 J	10	2.7	ug/l	SW846 8260D
cis-1,2-Dichloroethene		93.1	1.0	0.51	ug/l	SW846 8260D
trans-1,2-Dichloroethene		0.57 J	1.0	0.54	ug/l	SW846 8260D
Tetrachloroethene		131	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		68.6	1.0	0.53	ug/l	SW846 8260D

Summary of Hits

Job Number: JD96962
Account: EA Engineering
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Collected: 09/24/24 thru 09/26/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD96962-28	**828103-MW-03A-20240925**					
Acetone		91.4	10	3.1	ug/l	SW846 8260D
2-Butanone (MEK)		2.9 J	10	2.7	ug/l	SW846 8260D
Chloroethane		1.9	1.0	0.73	ug/l	SW846 8260D
1,1-Dichloroethene		0.62 J	1.0	0.59	ug/l	SW846 8260D
cis-1,2-Dichloroethene		186	1.0	0.51	ug/l	SW846 8260D
trans-1,2-Dichloroethene		2.4	1.0	0.54	ug/l	SW846 8260D
Trichloroethene		1.3	1.0	0.53	ug/l	SW846 8260D
Vinyl chloride		354	10	5.2	ug/l	SW846 8260D
JD96962-29	**828103-MW-20S-20240925**					
Acetone [a]		76.2 J	200	61	ug/l	SW846 8260D
cis-1,2-Dichloroethene [a]		14.1 J	20	10	ug/l	SW846 8260D
Tetrachloroethene [a]		3910	20	11	ug/l	SW846 8260D
Trichloroethene [a]		228	20	11	ug/l	SW846 8260D
JD96962-30	**828103-MW-14KA-20240925**					
Acetone [a]		101 J	200	61	ug/l	SW846 8260D
1,1-Dichloroethene [a]		14.3 J	20	12	ug/l	SW846 8260D
cis-1,2-Dichloroethene		3700	200	100	ug/l	SW846 8260D
trans-1,2-Dichloroethene [a]		28.2	20	11	ug/l	SW846 8260D
Tetrachloroethene [a]		492	20	11	ug/l	SW846 8260D
Trichloroethene		3280	200	110	ug/l	SW846 8260D
Vinyl chloride [a]		102	20	10	ug/l	SW846 8260D
JD96962-31	**828103-MW-19S-20240925**					
Acetone [a]		193	50	15	ug/l	SW846 8260D
cis-1,2-Dichloroethene		1230	50	25	ug/l	SW846 8260D
trans-1,2-Dichloroethene [a]		14.4	5.0	2.7	ug/l	SW846 8260D
Tetrachloroethene [a]		261	5.0	2.8	ug/l	SW846 8260D
Trichloroethene [a]		116	5.0	2.6	ug/l	SW846 8260D
Vinyl chloride [a]		7.5	5.0	2.6	ug/l	SW846 8260D
JD96962-32	**828103-MW-03CA-20240925**					
Acetone		59.6	10	3.1	ug/l	SW846 8260D
1,1-Dichloroethane		2.7	1.0	0.57	ug/l	SW846 8260D
1,1-Dichloroethene		2.4	1.0	0.59	ug/l	SW846 8260D
cis-1,2-Dichloroethene		486	10	5.1	ug/l	SW846 8260D
trans-1,2-Dichloroethene		2.3	1.0	0.54	ug/l	SW846 8260D
Tetrachloroethene		440	10	5.6	ug/l	SW846 8260D

Summary of Hits

Job Number: JD96962
Account: EA Engineering
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Collected: 09/24/24 thru 09/26/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Trichloroethene		274	10	5.3	ug/l	SW846 8260D
Vinyl chloride		47.5	1.0	0.52	ug/l	SW846 8260D
JD96962-33	**828103-MW-10K-20240926**					
1,1-Dichloroethane		1.1	1.0	0.57	ug/l	SW846 8260D
1,1-Dichloroethene		1.3	1.0	0.59	ug/l	SW846 8260D
cis-1,2-Dichloroethene		89.3	1.0	0.51	ug/l	SW846 8260D
trans-1,2-Dichloroethene		1.7	1.0	0.54	ug/l	SW846 8260D
Trichloroethene		562	25	13	ug/l	SW846 8260D
JD96962-34	**828103-GWE-2-20240926**					
1,1-Dichloroethane		8.5	1.0	0.57	ug/l	SW846 8260D
1,1-Dichloroethene		2.0	1.0	0.59	ug/l	SW846 8260D
cis-1,2-Dichloroethene		111	1.0	0.51	ug/l	SW846 8260D
Tetrachloroethene		29.2	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		30.3	1.0	0.53	ug/l	SW846 8260D
JD96962-35	**828103-MPE-17-20240926**					
Tetrachloroethene		26.3	1.0	0.56	ug/l	SW846 8260D
Trichloroethene		0.77 J	1.0	0.53	ug/l	SW846 8260D
JD96962-36	**828103-TB-20240926**					
No hits reported in this sample.						
JD96962-37	**828103-EQB-20240926**					
Acetone		8.0 J	10	3.1	ug/l	SW846 8260D

(a) Dilution required due to high concentration of target compound.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-15S-20240924		
Lab Sample ID:	JD96962-1	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15747.D	1	10/02/24 02:02	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	157	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	2.3	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-15S-20240924		
Lab Sample ID:	JD96962-1	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	43.8	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	70.8	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	110%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-15K-20240924		
Lab Sample ID:	JD96962-2	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15736.D	1	10/01/24 23:31	ED	n/a	n/a	V2N377
Run #2	2N15746.D	10	10/02/24 01:49	ED	n/a	n/a	V2N377

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	224	10	3.1	ug/l	
71-43-2	Benzene	0.47	0.50	0.43	ug/l	J
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	2.9	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	6.3	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	252 [b]	10	5.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.5	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-15K-20240924		
Lab Sample ID:	JD96962-2	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	57.8	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	189 [b]	10	5.3	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	102%	80-120%
17060-07-0	1,2-Dichloroethane-D4	108%	107%	80-120%
2037-26-5	Toluene-D8	101%	101%	80-120%
460-00-4	4-Bromofluorobenzene	99%	102%	82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-13K-20240924		
Lab Sample ID:	JD96962-3	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1N15737.D	5	10/01/24 23:45	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	32.3	50	15	ug/l	J
71-43-2	Benzene	ND	2.5	2.1	ug/l	
74-97-5	Bromochloromethane	ND	5.0	2.4	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	2.3	ug/l	
75-25-2	Bromoform	ND	5.0	3.2	ug/l	
74-83-9	Bromomethane	ND	10	8.2	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	14	ug/l	
75-15-0	Carbon disulfide	ND	10	9.0	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	2.8	ug/l	
108-90-7	Chlorobenzene	ND	5.0	2.8	ug/l	
75-00-3	Chloroethane	ND	5.0	3.6	ug/l	
67-66-3	Chloroform	ND	5.0	2.5	ug/l	
74-87-3	Chloromethane	ND	5.0	3.8	ug/l	
110-82-7	Cyclohexane	ND	25	3.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	2.6	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	2.8	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	2.4	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	2.7	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	2.7	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	2.5	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	2.8	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	2.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	3.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	3.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	578	5.0	2.5	ug/l	
156-60-5	trans-1,2-Dichloroethene	17.0	5.0	2.7	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	2.4	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	2.2	ug/l	
100-41-4	Ethylbenzene	ND	5.0	3.0	ug/l	
76-13-1	Freon 113	ND	25	2.9	ug/l	
591-78-6	2-Hexanone	ND	25	24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-13K-20240924		
Lab Sample ID:	JD96962-3	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.0	3.2	ug/l	
79-20-9	Methyl Acetate	ND	25	4.0	ug/l	
108-87-2	Methylcyclohexane	ND	25	3.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.5	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [b]	ND	25	24	ug/l	
75-09-2	Methylene chloride	ND	10	5.0	ug/l	
100-42-5	Styrene	ND	5.0	2.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	3.3	ug/l	
127-18-4	Tetrachloroethene	950	5.0	2.8	ug/l	
108-88-3	Toluene	ND	5.0	2.5	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	2.7	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.7	ug/l	
79-01-6	Trichloroethene	370	5.0	2.6	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	2.0	ug/l	
75-01-4	Vinyl chloride	103	5.0	2.6	ug/l	
	m,p-Xylene	ND	5.0	3.9	ug/l	
95-47-6	o-Xylene	ND	5.0	3.0	ug/l	
1330-20-7	Xylene (total)	ND	5.0	3.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-23K-20240924		
Lab Sample ID:	JD96962-4	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15748.D	1	10/02/24 02:16	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	26.6	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-23K-20240924		
Lab Sample ID:	JD96962-4	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	108%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	101%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-10S-20240924		
Lab Sample ID:	JD96962-5	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15749.D	1	10/02/24 02:30	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	60.2	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	2.9	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	1.1	5.0	0.78	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.2	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-10S-20240924		
Lab Sample ID:	JD96962-5	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	3.6	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	8.7	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	101%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-05-20240924		
Lab Sample ID:	JD96962-6	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15750.D	1	10/02/24 02:44	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	72.4	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	2.8	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-05-20240924		
Lab Sample ID:	JD96962-6	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-24K-20240924		
Lab Sample ID:	JD96962-7	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15751.D	1	10/02/24 02:58	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	63.9	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	0.93	5.0	0.78	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-24K-20240924		
Lab Sample ID:	JD96962-7	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	111%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-P2-24S-20240924		
Lab Sample ID:	JD96962-8	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15752.D	1	10/02/24 03:11	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	42.8	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-P2-24S-20240924		
Lab Sample ID:	JD96962-8	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	110%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-09S-20240924		
Lab Sample ID:	JD96962-9	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15753.D	1	10/02/24 03:25	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	130	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	4.9	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-09S-20240924		
Lab Sample ID:	JD96962-9	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	108%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-09K-20240924		
Lab Sample ID:	JD96962-10	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15754.D	1	10/02/24 03:39	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	73.1	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	3.2	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	0.83	5.0	0.78	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	0.62	1.0	0.57	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	148	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.68	1.0	0.54	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-09K-20240924		
Lab Sample ID:	JD96962-10	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	35.8	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	35.8	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	22.2	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	110%		80-120%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-06-20240924		
Lab Sample ID:	JD96962-11	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15755.D	1	10/02/24 03:53	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	32.0	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.64	1.0	0.51	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-06-20240924		
Lab Sample ID:	JD96962-11	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	110%		80-120%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-08S-20240924		
Lab Sample ID:	JD96962-12	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15756.D	1	10/02/24 04:06	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	108	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	3.1	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-08S-20240924		
Lab Sample ID:	JD96962-12	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	110%		80-120%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	101%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-08K-20240924		
Lab Sample ID:	JD96962-13	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15757.D	1	10/02/24 04:20	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	196	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	5.0	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-08K-20240924		
Lab Sample ID:	JD96962-13	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	108%		80-120%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-22K-20240924		
Lab Sample ID:	JD96962-14	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15758.D	1	10/02/24 04:34	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	66.2	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	2.9	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	21.4	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-22K-20240924		
Lab Sample ID:	JD96962-14	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	1.4	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	3.8	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	1.2	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-P2-22S-20240924		
Lab Sample ID:	JD96962-15	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15759.D	1	10/02/24 04:48	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	4.3	10	3.1	ug/l	J
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-P2-22S-20240924		
Lab Sample ID:	JD96962-15	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	110%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-11S-20240924		
Lab Sample ID:	JD96962-16	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15760.D	1	10/02/24 05:02	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	276	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	10.9	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-11S-20240924		
Lab Sample ID:	JD96962-16	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	108%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	97%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-12K-20240924		
Lab Sample ID:	JD96962-17	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15761.D	1	10/02/24 05:15	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	139	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	3.6	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-12K-20240924		
Lab Sample ID:	JD96962-17	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	6.3	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	110%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-12S-20240924		
Lab Sample ID:	JD96962-18	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15762.D	1	10/02/24 05:29	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	87.1	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	0.94	5.0	0.78	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-12S-20240924		
Lab Sample ID:	JD96962-18	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-04-20240924		
Lab Sample ID:	JD96962-19	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15763.D	1	10/02/24 05:43	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	72.0	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	4.7	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-04-20240924		
Lab Sample ID:	JD96962-19	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-21S-20240924		
Lab Sample ID:	JD96962-20	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15764.D	1	10/02/24 05:57	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	161	10	3.1	ug/l	
71-43-2	Benzene	0.51	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	0.79	1.0	0.73	ug/l	J
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.9	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.6	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-21S-20240924		
Lab Sample ID:	JD96962-20	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	3.8	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	4.7	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	96%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-03D-20240924		
Lab Sample ID:	JD96962-21	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15765.D	1	10/02/24 06:10	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	56.5	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-03D-20240924		
Lab Sample ID:	JD96962-21	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	112%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	101%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-16K-20240924		
Lab Sample ID:	JD96962-22	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2N15738.D	20	10/01/24 23:59	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	200	61	ug/l	
71-43-2	Benzene	ND	10	8.5	ug/l	
74-97-5	Bromochloromethane	ND	20	9.6	ug/l	
75-27-4	Bromodichloromethane	ND	20	9.0	ug/l	
75-25-2	Bromoform	ND	20	13	ug/l	
74-83-9	Bromomethane [b]	ND	40	33	ug/l	
78-93-3	2-Butanone (MEK)	ND	200	55	ug/l	
75-15-0	Carbon disulfide	ND	40	36	ug/l	
56-23-5	Carbon tetrachloride	ND	20	11	ug/l	
108-90-7	Chlorobenzene	ND	20	11	ug/l	
75-00-3	Chloroethane	ND	20	15	ug/l	
67-66-3	Chloroform	ND	20	10	ug/l	
74-87-3	Chloromethane	ND	20	15	ug/l	
110-82-7	Cyclohexane	ND	100	16	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	40	11	ug/l	
124-48-1	Dibromochloromethane	ND	20	11	ug/l	
106-93-4	1,2-Dibromoethane	ND	20	9.5	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	20	11	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	20	11	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	10	ug/l	
75-71-8	Dichlorodifluoromethane	ND	40	11	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	11	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	12	ug/l	
75-35-4	1,1-Dichloroethene	ND	20	12	ug/l	
156-59-2	cis-1,2-Dichloroethene	2170	20	10	ug/l	
156-60-5	trans-1,2-Dichloroethene	13.6	20	11	ug/l	J
78-87-5	1,2-Dichloropropane	ND	20	10	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	9.4	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	8.6	ug/l	
100-41-4	Ethylbenzene	ND	20	12	ug/l	
76-13-1	Freon 113	ND	100	12	ug/l	
591-78-6	2-Hexanone	ND	100	96	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-16K-20240924		
Lab Sample ID:	JD96962-22	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	20	13	ug/l	
79-20-9	Methyl Acetate	ND	100	16	ug/l	
108-87-2	Methylcyclohexane	ND	100	12	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	10	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [b]	ND	100	97	ug/l	
75-09-2	Methylene chloride	ND	40	20	ug/l	
100-42-5	Styrene	ND	20	9.7	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	13	ug/l	
127-18-4	Tetrachloroethene	851	20	11	ug/l	
108-88-3	Toluene	ND	20	9.8	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	20	10	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	20	10	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	11	ug/l	
79-01-6	Trichloroethene	3300	20	11	ug/l	
75-69-4	Trichlorofluoromethane	ND	40	8.0	ug/l	
75-01-4	Vinyl chloride	ND	20	10	ug/l	
	m,p-Xylene	ND	20	16	ug/l	
95-47-6	o-Xylene	ND	20	12	ug/l	
1330-20-7	Xylene (total)	ND	20	12	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-17S-20240924		
Lab Sample ID:	JD96962-23	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15766.D	1	10/02/24 06:24	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	88.5	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.4	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-17S-20240924		
Lab Sample ID:	JD96962-23	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	42.7	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	91.9	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-120%
17060-07-0	1,2-Dichloroethane-D4	108%		80-120%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-DUP-1-20240924		
Lab Sample ID:	JD96962-24	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1N15739.D	5	10/02/24 00:12	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	35.0	50	15	ug/l	J
71-43-2	Benzene	ND	2.5	2.1	ug/l	
74-97-5	Bromochloromethane	ND	5.0	2.4	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	2.3	ug/l	
75-25-2	Bromoform	ND	5.0	3.2	ug/l	
74-83-9	Bromomethane	ND	10	8.2	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	14	ug/l	
75-15-0	Carbon disulfide	ND	10	9.0	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	2.8	ug/l	
108-90-7	Chlorobenzene	ND	5.0	2.8	ug/l	
75-00-3	Chloroethane	ND	5.0	3.6	ug/l	
67-66-3	Chloroform	ND	5.0	2.5	ug/l	
74-87-3	Chloromethane	ND	5.0	3.8	ug/l	
110-82-7	Cyclohexane	ND	25	3.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	2.6	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	2.8	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	2.4	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	2.7	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	2.7	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	2.5	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	2.8	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	2.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	3.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	3.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	582	5.0	2.5	ug/l	
156-60-5	trans-1,2-Dichloroethene	11.7	5.0	2.7	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	2.4	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	2.2	ug/l	
100-41-4	Ethylbenzene	ND	5.0	3.0	ug/l	
76-13-1	Freon 113	ND	25	2.9	ug/l	
591-78-6	2-Hexanone	ND	25	24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-DUP-1-20240924		
Lab Sample ID:	JD96962-24	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.0	3.2	ug/l	
79-20-9	Methyl Acetate	ND	25	4.0	ug/l	
108-87-2	Methylcyclohexane	ND	25	3.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.5	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [b]	ND	25	24	ug/l	
75-09-2	Methylene chloride	ND	10	5.0	ug/l	
100-42-5	Styrene	ND	5.0	2.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	3.3	ug/l	
127-18-4	Tetrachloroethene	939	5.0	2.8	ug/l	
108-88-3	Toluene	ND	5.0	2.5	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	2.7	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.7	ug/l	
79-01-6	Trichloroethene	363	5.0	2.6	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	2.0	ug/l	
75-01-4	Vinyl chloride	104	5.0	2.6	ug/l	
	m,p-Xylene	ND	5.0	3.9	ug/l	
95-47-6	o-Xylene	ND	5.0	3.0	ug/l	
1330-20-7	Xylene (total)	ND	5.0	3.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-DUP-2-20240924		
Lab Sample ID:	JD96962-25	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15767.D	1	10/02/24 06:38	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	72.2	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	5.1	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-DUP-2-20240924		
Lab Sample ID:	JD96962-25	**Date Sampled:**	09/24/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	111%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-16S-20240925		
Lab Sample ID:	JD96962-26	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15768.D	1	10/02/24 06:52	ED	n/a	n/a	V2N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	243	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	20.0	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-16S-20240925		
Lab Sample ID:	JD96962-26	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	9.7	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	178	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-18S-20240925		
Lab Sample ID:	JD96962-27	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1N15769.D	1	10/02/24 07:05	ED	n/a	n/a	V1N377
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	212	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	3.4	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	93.1	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.57	1.0	0.54	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-18S-20240925		
Lab Sample ID:	JD96962-27	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	131	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	68.6	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	108%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-03A-20240925		
Lab Sample ID:	JD96962-28	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2N15740.D	1	10/02/24 00:26	ED	n/a	n/a	V2N377
Run #2	1N15745.D	10	10/02/24 01:35	ED	n/a	n/a	V1N377

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	91.4	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	2.9	10	2.7	ug/l	J
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	1.9	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	0.62	1.0	0.59	ug/l	J
156-59-2	cis-1,2-Dichloroethene	186	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.4	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-03A-20240925		
Lab Sample ID:	JD96962-28	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	1.3	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	354 [b]	10	5.2	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	103%	80-120%
17060-07-0	1,2-Dichloroethane-D4	110%	111%	80-120%
2037-26-5	Toluene-D8	100%	101%	80-120%
460-00-4	4-Bromofluorobenzene	99%	104%	82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-20S-20240925		
Lab Sample ID:	JD96962-29	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1K18861.D	20	10/02/24 16:13	ED	n/a	n/a	V1K521
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	76.2	200	61	ug/l	J
71-43-2	Benzene	ND	10	8.5	ug/l	
74-97-5	Bromochloromethane	ND	20	9.6	ug/l	
75-27-4	Bromodichloromethane	ND	20	9.0	ug/l	
75-25-2	Bromoform	ND	20	13	ug/l	
74-83-9	Bromomethane	ND	40	33	ug/l	
78-93-3	2-Butanone (MEK)	ND	200	55	ug/l	
75-15-0	Carbon disulfide	ND	40	36	ug/l	
56-23-5	Carbon tetrachloride	ND	20	11	ug/l	
108-90-7	Chlorobenzene	ND	20	11	ug/l	
75-00-3	Chloroethane	ND	20	15	ug/l	
67-66-3	Chloroform	ND	20	10	ug/l	
74-87-3	Chloromethane	ND	20	15	ug/l	
110-82-7	Cyclohexane	ND	100	16	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	40	11	ug/l	
124-48-1	Dibromochloromethane	ND	20	11	ug/l	
106-93-4	1,2-Dibromoethane	ND	20	9.5	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	20	11	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	20	11	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	10	ug/l	
75-71-8	Dichlorodifluoromethane	ND	40	11	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	11	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	12	ug/l	
75-35-4	1,1-Dichloroethene	ND	20	12	ug/l	
156-59-2	cis-1,2-Dichloroethene	14.1	20	10	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	20	11	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	10	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	9.4	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	8.6	ug/l	
100-41-4	Ethylbenzene	ND	20	12	ug/l	
76-13-1	Freon 113	ND	100	12	ug/l	
591-78-6	2-Hexanone	ND	100	96	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-20S-20240925		
Lab Sample ID:	JD96962-29	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	20	13	ug/l	
79-20-9	Methyl Acetate	ND	100	16	ug/l	
108-87-2	Methylcyclohexane	ND	100	12	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	10	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	100	97	ug/l	
75-09-2	Methylene chloride	ND	40	20	ug/l	
100-42-5	Styrene	ND	20	9.7	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	13	ug/l	
127-18-4	Tetrachloroethene	3910	20	11	ug/l	
108-88-3	Toluene	ND	20	9.8	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	20	10	ug/l	
120-82-1	1,2,4-Trichlorobenzene [b]	ND	20	10	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	11	ug/l	
79-01-6	Trichloroethene	228	20	11	ug/l	
75-69-4	Trichlorofluoromethane [c]	ND	40	8.0	ug/l	
75-01-4	Vinyl chloride	ND	20	10	ug/l	
	m,p-Xylene	ND	20	16	ug/l	
95-47-6	o-Xylene	ND	20	12	ug/l	
1330-20-7	Xylene (total)	ND	20	12	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		80-120%
2037-26-5	Toluene-D8	108%		80-120%
460-00-4	4-Bromofluorobenzene	107%		82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(c) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-14KA-20240925		
Lab Sample ID:	JD96962-30	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2K18862.D	20	10/02/24 16:30	ED	n/a	n/a	V2K521
Run #2	GB16707.D	200	10/03/24 11:45	GL	n/a	n/a	VGB461

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	101	200	61	ug/l	J
71-43-2	Benzene	ND	10	8.5	ug/l	
74-97-5	Bromochloromethane	ND	20	9.6	ug/l	
75-27-4	Bromodichloromethane	ND	20	9.0	ug/l	
75-25-2	Bromoform [b]	ND	20	13	ug/l	
74-83-9	Bromomethane	ND	40	33	ug/l	
78-93-3	2-Butanone (MEK)	ND	200	55	ug/l	
75-15-0	Carbon disulfide	ND	40	36	ug/l	
56-23-5	Carbon tetrachloride	ND	20	11	ug/l	
108-90-7	Chlorobenzene	ND	20	11	ug/l	
75-00-3	Chloroethane	ND	20	15	ug/l	
67-66-3	Chloroform	ND	20	10	ug/l	
74-87-3	Chloromethane	ND	20	15	ug/l	
110-82-7	Cyclohexane	ND	100	16	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	40	11	ug/l	
124-48-1	Dibromochloromethane	ND	20	11	ug/l	
106-93-4	1,2-Dibromoethane	ND	20	9.5	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	20	11	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	20	11	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	10	ug/l	
75-71-8	Dichlorodifluoromethane	ND	40	11	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	11	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	12	ug/l	
75-35-4	1,1-Dichloroethene	14.3	20	12	ug/l	J
156-59-2	cis-1,2-Dichloroethene	3700 [c]	200	100	ug/l	
156-60-5	trans-1,2-Dichloroethene	28.2	20	11	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	10	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	9.4	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	8.6	ug/l	
100-41-4	Ethylbenzene	ND	20	12	ug/l	
76-13-1	Freon 113	ND	100	12	ug/l	
591-78-6	2-Hexanone	ND	100	96	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-14KA-20240925		
Lab Sample ID:	JD96962-30	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	20	13	ug/l	
79-20-9	Methyl Acetate	ND	100	16	ug/l	
108-87-2	Methylcyclohexane	ND	100	12	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	10	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	100	97	ug/l	
75-09-2	Methylene chloride	ND	40	20	ug/l	
100-42-5	Styrene	ND	20	9.7	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	13	ug/l	
127-18-4	Tetrachloroethene	492	20	11	ug/l	
108-88-3	Toluene	ND	20	9.8	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	20	10	ug/l	
120-82-1	1,2,4-Trichlorobenzene [b]	ND	20	10	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	11	ug/l	
79-01-6	Trichloroethene	3280 [c]	200	110	ug/l	
75-69-4	Trichlorofluoromethane [d]	ND	40	8.0	ug/l	
75-01-4	Vinyl chloride	102	20	10	ug/l	
	m,p-Xylene	ND	20	16	ug/l	
95-47-6	o-Xylene	ND	20	12	ug/l	
1330-20-7	Xylene (total)	ND	20	12	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%	103%	80-120%
17060-07-0	1,2-Dichloroethane-D4	106%	109%	80-120%
2037-26-5	Toluene-D8	108%	104%	80-120%
460-00-4	4-Bromofluorobenzene	109%	103%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(c) Result is from Run# 2
(d) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-19S-20240925		
Lab Sample ID:	JD96962-31	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1K18863.D	5	10/02/24 16:48	ED	n/a	n/a	V1K521
Run #2	GB16708.D	50	10/03/24 12:10	GL	n/a	n/a	VGB461

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	193	50	15	ug/l	
71-43-2	Benzene	ND	2.5	2.1	ug/l	
74-97-5	Bromochloromethane	ND	5.0	2.4	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	2.3	ug/l	
75-25-2	Bromoform	ND	5.0	3.2	ug/l	
74-83-9	Bromomethane	ND	10	8.2	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	14	ug/l	
75-15-0	Carbon disulfide	ND	10	9.0	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	2.8	ug/l	
108-90-7	Chlorobenzene	ND	5.0	2.8	ug/l	
75-00-3	Chloroethane	ND	5.0	3.6	ug/l	
67-66-3	Chloroform	ND	5.0	2.5	ug/l	
74-87-3	Chloromethane	ND	5.0	3.8	ug/l	
110-82-7	Cyclohexane	ND	25	3.9	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	10	2.6	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	2.8	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	2.4	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	2.7	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	2.7	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	2.5	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	2.8	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	2.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	3.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	3.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	1230 [c]	50	25	ug/l	
156-60-5	trans-1,2-Dichloroethene	14.4	5.0	2.7	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	2.4	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	2.2	ug/l	
100-41-4	Ethylbenzene	ND	5.0	3.0	ug/l	
76-13-1	Freon 113	ND	25	2.9	ug/l	
591-78-6	2-Hexanone	ND	25	24	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-19S-20240925		
Lab Sample ID:	JD96962-31	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.0	3.2	ug/l	
79-20-9	Methyl Acetate	ND	25	4.0	ug/l	
108-87-2	Methylcyclohexane	ND	25	3.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.5	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	24	ug/l	
75-09-2	Methylene chloride	ND	10	5.0	ug/l	
100-42-5	Styrene	ND	5.0	2.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	3.3	ug/l	
127-18-4	Tetrachloroethene	261	5.0	2.8	ug/l	
108-88-3	Toluene	ND	5.0	2.5	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	5.0	2.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene [b]	ND	5.0	2.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	2.7	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.7	ug/l	
79-01-6	Trichloroethene	116	5.0	2.6	ug/l	
75-69-4	Trichlorofluoromethane [d]	ND	10	2.0	ug/l	
75-01-4	Vinyl chloride	7.5	5.0	2.6	ug/l	
	m,p-Xylene	ND	5.0	3.9	ug/l	
95-47-6	o-Xylene	ND	5.0	3.0	ug/l	
1330-20-7	Xylene (total)	ND	5.0	3.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%	110%	80-120%
17060-07-0	1,2-Dichloroethane-D4	112%	108%	80-120%
2037-26-5	Toluene-D8	107%	104%	80-120%
460-00-4	4-Bromofluorobenzene	107%	100%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(c) Result is from Run# 2
(d) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-03CA-20240925		
Lab Sample ID:	JD96962-32	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GB16727.D	1	10/03/24 20:15	GL	n/a	n/a	VGB461
Run #2	GB16718.D	10	10/03/24 16:25	GL	n/a	n/a	VGB461

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	59.6	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane [a]	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane [a]	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	2.7	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	2.4	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	486 [b]	10	5.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.3	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-03CA-20240925		
Lab Sample ID:	JD96962-32	**Date Sampled:**	09/25/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	440 [b]	10	5.6	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene [c]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	274 [b]	10	5.3	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	47.5	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	110%	111%	80-120%
2037-26-5	Toluene-D8	106%	106%	80-120%
460-00-4	4-Bromofluorobenzene	100%	98%	82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-10K-20240926		
Lab Sample ID:	JD96962-33	**Date Sampled:**	09/26/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2K18856.D	1	10/02/24 14:47	ED	n/a	n/a	V2K521
Run #2	2K18868.D	25	10/02/24 18:14	ED	n/a	n/a	V2K521

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform [a]	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	1.1	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	1.3	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	89.3	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.7	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-10K-20240926		
Lab Sample ID:	JD96962-33	**Date Sampled:**	09/26/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene [a]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene [a]	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	562 [b]	25	13	ug/l	
75-69-4	Trichlorofluoromethane [c]	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	105%	80-120%
17060-07-0	1,2-Dichloroethane-D4	99%	108%	80-120%
2037-26-5	Toluene-D8	111%	107%	80-120%
460-00-4	4-Bromofluorobenzene	109%	108%	82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(b) Result is from Run# 2
(c) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-GWE-2-20240926		
Lab Sample ID:	JD96962-34	**Date Sampled:**	09/26/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GB16723.D	1	10/03/24 18:33	GL	n/a	n/a	VGB461
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane [a]	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane [a]	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	8.5	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	2.0	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	111	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-GWE-2-20240926		
Lab Sample ID:	JD96962-34	**Date Sampled:**	09/26/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	29.2	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	30.3	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	114%		80-120%
2037-26-5	Toluene-D8	104%		80-120%
460-00-4	4-Bromofluorobenzene	101%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MPE-17-20240926		
Lab Sample ID:	JD96962-35	**Date Sampled:**	09/26/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GB16724.D	1	10/03/24 18:58	GL	n/a	n/a	VGB461
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane [a]	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane [a]	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane [a]	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MPE-17-20240926		
Lab Sample ID:	JD96962-35	**Date Sampled:**	09/26/24
Matrix:	AQ - Ground Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	26.3	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	0.77	1.0	0.53	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		80-120%
17060-07-0	1,2-Dichloroethane-D4	110%		80-120%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-TB-20240926		
Lab Sample ID:	JD96962-36	**Date Sampled:**	09/26/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1K18871.D	1	10/02/24 19:06	ED	n/a	n/a	V1K521
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [a]	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-TB-20240926		
Lab Sample ID:	JD96962-36	**Date Sampled:**	09/26/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene [a]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene [a]	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane [b]	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	111%		80-120%
2037-26-5	Toluene-D8	107%		80-120%
460-00-4	4-Bromofluorobenzene	107%		82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-EQB-20240926		
Lab Sample ID:	JD96962-37	**Date Sampled:**	09/26/24
Matrix:	AQ - Equipment Blank	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2K18872.D	1	10/02/24 19:23	ED	n/a	n/a	V2K521
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	8.0	10	3.1	ug/l	J
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform [a]	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-EQB-20240926		
Lab Sample ID:	JD96962-37	**Date Sampled:**	09/26/24
Matrix:	AQ - Equipment Blank	**Date Received:**	09/27/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene [a]	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene [a]	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane [b]	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	103%		80-120%
2037-26-5	Toluene-D8	110%		80-120%
460-00-4	4-Bromofluorobenzene	107%		82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

EA Engineering

NYSDEC SMP-D Site- Dinaburg, Rochester, NY

1602534/18

SGS Job Number: JE2288

Sampling Date: 12/04/24



Report to:

EA Engineering
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Syracuse, NY 13202
nrobinson@eaest.com; joliver@eaest.com;
kcassidy@eaest.com; kkatzer@eaest.com;
ATTN: Noah Robinson

Total number of pages in report: 2777

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Kelly Ramos 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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SGS North America Inc.

Sample Summary

EA Engineering

Job No: JE2288

NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Project No: 1602534/18

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JE2288-1	12/04/24	00:00	CD	12/05/24	AQ	Ground Water	828103-DUP-20241204
JE2288-2	12/04/24	09:27	CD	12/05/24	AQ	Ground Water	828103-MW-20S-PD6-20241204
JE2288-3	12/04/24	10:20	CD	12/05/24	AQ	Ground Water	828103-MW-20S-LF-20241204
JE2288-4	12/04/24	10:32	CD	12/05/24	AQ	Equipment Blank	828103-EQB-20241204
JE2288-5	12/04/24	10:32	CD	12/05/24	AQ	Trip Blank Water	828103-TB-20241204

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: EA Engineering **Job No:** JE2288

Site: NYSDEC SMP-D Site- Dinaburg, Rochester, NY **Report Date** 12/18/2024 7:15:17 A

On 12/05/2024, 3 sample(s), 1 Trip Blank(s), 1 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 1.8 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JE2288 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1U2610

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE2365-13MS, JE2365-13MSD were used as the QC samples indicated.
- The blank spike (BS) recovery(s) of Methylcyclohexane are outside control limits.
- The matrix spike (MS) recovery(s) of cis-1,2-Dichloroethene, Vinyl chloride are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JE2288-2: Dilution required due to high concentration of target compound.
- JE2288-2 for Methylcyclohexane: This compound in blank spike is outside in house QC limits bias high.
- JE2288-2 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE2288-2 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
- JE2288-2 for Chloroethane: Associated CCV outside of control limits high, sample was ND.
- V1U2610-BS for Methylcyclohexane: High percent recovery and no associated positive reported in the QC batch.

Matrix: AQ **Batch ID:** V4A356

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE2170-1MS, JE2170-1MSD were used as the QC samples indicated.
- The matrix spike (MS) recovery(s) of 1,1,2,2-Tetrachloroethane are outside control limits. Outside control limits due to matrix interference.
- JE2288-3: Dilution required due to high concentration of target compound.
- JE2288-3 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE2288-3 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JE2288-5 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE2288-5 for Chloroethane: Associated CCV outside of control limits high, sample was ND.
- JE2288-5 for Bromomethane: Associated CCV outside of control limits high, sample was ND.

Matrix: AQ **Batch ID:** V5A356

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE2288-1MS, JE2288-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V5A356

- The matrix spike (MS) recovery(s) of Tetrachloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- The matrix spike duplicate (MSD) recovery(s) of Tetrachloroethene are outside control limits. Probable cause due to matrix interference.
- JE2288-1: Dilution required due to high concentration of target compound.
- JE2288-1 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE2288-4 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JE2288
Account: EA Engineering
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY
Collected: 12/04/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE2288-1	**828103-DUP-20241204**					
cis-1,2-Dichloroethene [a]		122	50	25	ug/l	SW846 8260D
Tetrachloroethene [a]		6150	50	28	ug/l	SW846 8260D
Trichloroethene [a]		105	50	26	ug/l	SW846 8260D
JE2288-2	**828103-MW-20S-PD6-20241204**					
Acetone [b]		233 J	250	76	ug/l	SW846 8260D
cis-1,2-Dichloroethene [a]		26.8	25	13	ug/l	SW846 8260D
Tetrachloroethene		11200	100	56	ug/l	SW846 8260D
Trichloroethene [a]		80.3	25	13	ug/l	SW846 8260D
JE2288-3	**828103-MW-20S-LF-20241204**					
cis-1,2-Dichloroethene [a]		117	50	25	ug/l	SW846 8260D
Tetrachloroethene [a]		6340	50	28	ug/l	SW846 8260D
Trichloroethene [a]		104	50	26	ug/l	SW846 8260D
JE2288-4	**828103-EQB-20241204**					
Acetone [c]		11.0	10	3.1	ug/l	SW846 8260D
JE2288-5	**828103-TB-20241204**					

No hits reported in this sample.

(a) Dilution required due to high concentration of target compound.
(b) Dilution required due to high concentration of target compound. Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-DUP-20241204		
Lab Sample ID:	JE2288-1	**Date Sampled:**	12/04/24
Matrix:	AQ - Ground Water	**Date Received:**	12/05/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	5A12580.D	50	12/11/24 16:39	NW	n/a	n/a	V5A356
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [b]	ND	500	150	ug/l	
71-43-2	Benzene	ND	25	21	ug/l	
74-97-5	Bromochloromethane	ND	50	24	ug/l	
75-27-4	Bromodichloromethane	ND	50	23	ug/l	
75-25-2	Bromoform	ND	50	32	ug/l	
74-83-9	Bromomethane	ND	100	82	ug/l	
78-93-3	2-Butanone (MEK)	ND	500	140	ug/l	
75-15-0	Carbon disulfide	ND	100	90	ug/l	
56-23-5	Carbon tetrachloride	ND	50	28	ug/l	
108-90-7	Chlorobenzene	ND	50	28	ug/l	
75-00-3	Chloroethane	ND	50	36	ug/l	
67-66-3	Chloroform	ND	50	25	ug/l	
74-87-3	Chloromethane	ND	50	38	ug/l	
110-82-7	Cyclohexane	ND	250	39	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	26	ug/l	
124-48-1	Dibromochloromethane	ND	50	28	ug/l	
106-93-4	1,2-Dibromoethane	ND	50	24	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	50	27	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	50	27	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	50	25	ug/l	
75-71-8	Dichlorodifluoromethane	ND	100	28	ug/l	
75-34-3	1,1-Dichloroethane	ND	50	28	ug/l	
107-06-2	1,2-Dichloroethane	ND	50	30	ug/l	
75-35-4	1,1-Dichloroethene	ND	50	30	ug/l	
156-59-2	cis-1,2-Dichloroethene	122	50	25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	50	27	ug/l	
78-87-5	1,2-Dichloropropane	ND	50	25	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	50	24	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	50	22	ug/l	
100-41-4	Ethylbenzene	ND	50	30	ug/l	
76-13-1	Freon 113	ND	250	29	ug/l	
591-78-6	2-Hexanone	ND	250	240	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 828103-DUP-20241204
Lab Sample ID: JE2288-1
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY

Date Sampled: 12/04/24
Date Received: 12/05/24
Percent Solids: n/a

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	50	32	ug/l	
79-20-9	Methyl Acetate	ND	250	40	ug/l	
108-87-2	Methylcyclohexane	ND	250	30	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	250	240	ug/l	
75-09-2	Methylene chloride	ND	100	50	ug/l	
100-42-5	Styrene	ND	50	24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	33	ug/l	
127-18-4	Tetrachloroethene	6150	50	28	ug/l	
108-88-3	Toluene	ND	50	25	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	50	25	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	50	25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	50	27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	50	27	ug/l	
79-01-6	Trichloroethene	105	50	26	ug/l	
75-69-4	Trichlorofluoromethane	ND	100	20	ug/l	
75-01-4	Vinyl chloride	ND	50	26	ug/l	
	m,p-Xylene	ND	50	39	ug/l	
95-47-6	o-Xylene	ND	50	30	ug/l	
1330-20-7	Xylene (total)	ND	50	30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		80-120%
2037-26-5	Toluene-D8	105%		80-120%
460-00-4	4-Bromofluorobenzene	104%		82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-20S-PD6-20241204		
Lab Sample ID:	JE2288-2	**Date Sampled:**	12/04/24
Matrix:	AQ - Ground Water	**Date Received:**	12/05/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1U72519.D	25	12/12/24 11:55	NW	n/a	n/a	V1U2610
Run #2	5A12590.D	100	12/11/24 19:39	NW	n/a	n/a	V5A356

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [b]	233	250	76	ug/l	J
71-43-2	Benzene	ND	13	11	ug/l	
74-97-5	Bromochloromethane	ND	25	12	ug/l	
75-27-4	Bromodichloromethane	ND	25	11	ug/l	
75-25-2	Bromoform [c]	ND	25	16	ug/l	
74-83-9	Bromomethane	ND	50	41	ug/l	
78-93-3	2-Butanone (MEK)	ND	250	68	ug/l	
75-15-0	Carbon disulfide	ND	50	45	ug/l	
56-23-5	Carbon tetrachloride	ND	25	14	ug/l	
108-90-7	Chlorobenzene	ND	25	14	ug/l	
75-00-3	Chloroethane [d]	ND	25	18	ug/l	
67-66-3	Chloroform	ND	25	13	ug/l	
74-87-3	Chloromethane	ND	25	19	ug/l	
110-82-7	Cyclohexane	ND	130	20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [c]	ND	50	13	ug/l	
124-48-1	Dibromochloromethane [c]	ND	25	14	ug/l	
106-93-4	1,2-Dibromoethane	ND	25	12	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	25	13	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	25	14	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	25	13	ug/l	
75-71-8	Dichlorodifluoromethane	ND	50	14	ug/l	
75-34-3	1,1-Dichloroethane	ND	25	14	ug/l	
107-06-2	1,2-Dichloroethane	ND	25	15	ug/l	
75-35-4	1,1-Dichloroethene	ND	25	15	ug/l	
156-59-2	cis-1,2-Dichloroethene	26.8	25	13	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	25	13	ug/l	
78-87-5	1,2-Dichloropropane	ND	25	13	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	25	12	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	25	11	ug/l	
100-41-4	Ethylbenzene	ND	25	15	ug/l	
76-13-1	Freon 113	ND	130	15	ug/l	
591-78-6	2-Hexanone	ND	130	120	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-20S-PD6-20241204		
Lab Sample ID:	JE2288-2	**Date Sampled:**	12/04/24
Matrix:	AQ - Ground Water	**Date Received:**	12/05/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	25	16	ug/l	
79-20-9	Methyl Acetate	ND	130	20	ug/l	
108-87-2	Methylcyclohexane [e]	ND	130	15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	25	13	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	130	120	ug/l	
75-09-2	Methylene chloride	ND	50	25	ug/l	
100-42-5	Styrene	ND	25	12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	16	ug/l	
127-18-4	Tetrachloroethene	11200 [f]	100	56	ug/l	
108-88-3	Toluene	ND	25	12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	13	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	13	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	25	13	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	25	13	ug/l	
79-01-6	Trichloroethene	80.3	25	13	ug/l	
75-69-4	Trichlorofluoromethane	ND	50	10	ug/l	
75-01-4	Vinyl chloride	ND	25	13	ug/l	
	m,p-Xylene	ND	25	20	ug/l	
95-47-6	o-Xylene	ND	25	15	ug/l	
1330-20-7	Xylene (total)	ND	25	15	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	108%	80-120%
17060-07-0	1,2-Dichloroethane-D4	98%	108%	80-120%
2037-26-5	Toluene-D8	100%	108%	80-120%
460-00-4	4-Bromofluorobenzene	99%	106%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(d) Associated CCV outside of control limits high, sample was ND.
(e) This compound in blank spike is outside in house QC limits bias high.
(f) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-MW-20S-LF-20241204		
Lab Sample ID:	JE2288-3	**Date Sampled:**	12/04/24
Matrix:	AQ - Ground Water	**Date Received:**	12/05/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	4A12591.D	50	12/11/24 19:57	NW	n/a	n/a	V4A356
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [b]	ND	500	150	ug/l	
71-43-2	Benzene	ND	25	21	ug/l	
74-97-5	Bromochloromethane	ND	50	24	ug/l	
75-27-4	Bromodichloromethane	ND	50	23	ug/l	
75-25-2	Bromoform	ND	50	32	ug/l	
74-83-9	Bromomethane [c]	ND	100	82	ug/l	
78-93-3	2-Butanone (MEK)	ND	500	140	ug/l	
75-15-0	Carbon disulfide	ND	100	90	ug/l	
56-23-5	Carbon tetrachloride	ND	50	28	ug/l	
108-90-7	Chlorobenzene	ND	50	28	ug/l	
75-00-3	Chloroethane [c]	ND	50	36	ug/l	
67-66-3	Chloroform	ND	50	25	ug/l	
74-87-3	Chloromethane	ND	50	38	ug/l	
110-82-7	Cyclohexane	ND	250	39	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	26	ug/l	
124-48-1	Dibromochloromethane	ND	50	28	ug/l	
106-93-4	1,2-Dibromoethane	ND	50	24	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	50	27	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	50	27	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	50	25	ug/l	
75-71-8	Dichlorodifluoromethane	ND	100	28	ug/l	
75-34-3	1,1-Dichloroethane	ND	50	28	ug/l	
107-06-2	1,2-Dichloroethane	ND	50	30	ug/l	
75-35-4	1,1-Dichloroethene	ND	50	30	ug/l	
156-59-2	cis-1,2-Dichloroethene	117	50	25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	50	27	ug/l	
78-87-5	1,2-Dichloropropane	ND	50	25	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	50	24	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	50	22	ug/l	
100-41-4	Ethylbenzene	ND	50	30	ug/l	
76-13-1	Freon 113	ND	250	29	ug/l	
591-78-6	2-Hexanone	ND	250	240	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-MW-20S-LF-20241204		
Lab Sample ID:	JE2288-3	**Date Sampled:**	12/04/24
Matrix:	AQ - Ground Water	**Date Received:**	12/05/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	50	32	ug/l	
79-20-9	Methyl Acetate	ND	250	40	ug/l	
108-87-2	Methylcyclohexane	ND	250	30	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	250	240	ug/l	
75-09-2	Methylene chloride	ND	100	50	ug/l	
100-42-5	Styrene	ND	50	24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	33	ug/l	
127-18-4	Tetrachloroethene	6340	50	28	ug/l	
108-88-3	Toluene	ND	50	25	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	50	25	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	50	25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	50	27	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	50	27	ug/l	
79-01-6	Trichloroethene	104	50	26	ug/l	
75-69-4	Trichlorofluoromethane	ND	100	20	ug/l	
75-01-4	Vinyl chloride	ND	50	26	ug/l	
	m,p-Xylene	ND	50	39	ug/l	
95-47-6	o-Xylene	ND	50	30	ug/l	
1330-20-7	Xylene (total)	ND	50	30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-120%
17060-07-0	1,2-Dichloroethane-D4	111%		80-120%
2037-26-5	Toluene-D8	109%		80-120%
460-00-4	4-Bromofluorobenzene	108%		82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-EQB-20241204		
Lab Sample ID:	JE2288-4	**Date Sampled:**	12/04/24
Matrix:	AQ - Equipment Blank	**Date Received:**	12/05/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5A12566.D	1	12/11/24 12:25	NW	n/a	n/a	V5A356
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	11.0	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 828103-EQB-20241204
Lab Sample ID: JE2288-4
Matrix: AQ - Equipment Blank
Method: SW846 8260D
Project: NYSDEC SMP-D Site- Dinaburg, Rochester, NY

Date Sampled: 12/04/24
Date Received: 12/05/24
Percent Solids: n/a

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	106%		80-120%
2037-26-5	Toluene-D8	106%		80-120%
460-00-4	4-Bromofluorobenzene	106%		82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	828103-TB-20241204		
Lab Sample ID:	JE2288-5	**Date Sampled:**	12/04/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/05/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4A12567.D	1	12/11/24 12:43	NW	n/a	n/a	V4A356
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [b]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane [b]	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	828103-TB-20241204		
Lab Sample ID:	JE2288-5	**Date Sampled:**	12/04/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/05/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	NYSDEC SMP-D Site- Dinaburg, Rochester, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	108%		80-120%
2037-26-5	Toluene-D8	106%		80-120%
460-00-4	4-Bromofluorobenzene	109%		82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Appendix E.

Data Usability Summary Report

DATA VALIDATION REPORT

NYSDEC Dinaburg

SDG: JD96837

Chemical Analyses Performed by:

SGS Dayton, NJ

Prepared by

ENVIRONMENTAL DATA SERVICES, LTD.

Prepared for

EA Engineering, Science and Technology, Inc.

January 24, 2025

5 Brilliant Avenue, Pittsburgh, PA 15215
412.408.3288 I www.eds-pa.com

ENVIRONMENTAL DATA SERVICES, LTD.

DATA USABILITY SUMMARY REPORT FOR TOTAL METALS

PROJECT: NYSDEC SMP-D Dinaburg

CLIENT: EA Engineering, Science, and Technology, Inc.

LABORATORY: SGS Dayton, NJ

SAMPLE DELIVERY GROUP: JD96837

SAMPLE DATES: 09/25/2024

The above sample delivery group (SDG) consists of the following samples:

Client Sample ID	Laboratory Sample ID
828103-MW-03CA-20240925	JD96837-1
828103-MW-14KA-20240925	JD96837-2
828103-MW-03A-20240925	JD96837-3
828103-MW-20S-20240925	JD96837-4
828103-MW-13K-20240925	JD96837-5
828103-MW-08K-20240925	JD96837-6

The samples described above were analyzed via United States Environmental Protection Agency (USEPA) SW-846 Method 6010D to determine the concentrations of metals.

Project specific quality assurance (QA) objectives and the USEPA Region II SOP, Hazardous Waste Support Section SOP No. HW-3a Revision 1 ISM02.2 ICP-AES Data Validation, September 2016, SOP No. HW-3c, Rev. 1 Mercury and Cyanide Data Validation, September 2016, and the United States Environmental Protection Agency (USEPA) National Functional Guidelines for Inorganic Superfund Methods Data Review, OLEM 9240.1-66 EPA-542-R-20-006, November 2020, (USEPA 2020) have been considered during validation of this data and its usability.

Table 1 provides a summary of major and minor data quality issues identified for this data set. All data are acceptable except those results which have been qualified with “R”, rejected. Data validation qualifiers along with associated descriptions are provided in Table 2. All data qualification related to this group of samples is detailed on the attached sheets.

All data users should note two facts. First, an "R" flag means that the associated value is unusable due to significant quality control (QC) problems, the data is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on any data tables even as a last resort. Second, no analyte concentration, even if it passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

1. CHAIN OF CUSTODY AND TRAFFIC REPORTS

Chain of custody and traffic reports were present for all samples. No problems were found for this criterion.

2. HOLDING TIME/SAMPLE HANDLING

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes in the samples whose holding time has been exceeded will be qualified as estimated, "J-", or unusable, "R", if holding times are grossly exceeded.

The samples in this SDG were received by the laboratory within the proper temperature range as specified in the validation guidance.

The samples contained in this SDG were prepared and analyzed within the holding times established in the method and validation criteria.

3. BLANK CONTAMINATION

Quality assurance blanks, which include method, trip, field, or rinse blanks, are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Trip blanks measure cross contamination during shipment. Field and rinse blanks measure cross contamination during field operations.

Method Blank Contamination

Method blanks were evaluated at the proper frequency. Upon evaluation, no target analytes were found above the method detection limit (MDL) in any associated method blank.

Field or Rinse Blank Contamination

No sample was submitted as a field or rinse blank in association with this SDG.

4. CALIBRATION

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data.

Initial and Continuing Calibration Verification

The initial calibration curve and its verification demonstrate that the instrument is capable of giving acceptable performance at the beginning of the analytical sequence. The continuing calibration verification standards provide information as to the continuing stability of the calibration curve.

All initial and continuing calibration verifications that bracketed sample analyses associated with this SDG were within acceptance limits.

Initial and Continuing Calibration Blanks

Qualification of sample results due to ICB contamination affects all samples in the analytical sequence while CCB contamination only affects samples immediately after or before the non-compliant CCB. If the highest level of contamination is found in the field or method blank, all samples are qualified based on that observation.

All initial and continuing calibration blanks (ICB/CCBs) were analyzed at the proper frequency. All ICB and CCBs associated with the samples in this SDG were evaluated. No problems were found for this criterion.

5. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

The matrix spike and matrix spike duplicate (MS/MSD) are generated to determine the precision and accuracy of the analytical procedure in a given sample matrix.

No sample was submitted for MS/MSD pair evaluation in association with this SDG.

6. LABORATORY DUPLICATE

The laboratory duplicate sample analysis is performed to determine long-term precision of the analytical method in a given matrix. The relative percent difference (RPD) between the sample and its duplicate may be used to qualify data.

No sample was submitted as a laboratory duplicate in association with this SDG.

7. LABORATORY CONTROL SAMPLE

The laboratory control sample (LCS) is a quality control sample of known concentration, which is processed along with a batch of samples. The percent recovery of the LCS can be used to assess the accuracy of the analytical procedure performed by a specific individual, during a specific time period, and utilizing the same reagents and equipment as those used for sample analyses. The LCS data is independent of sample matrix and the results may formulate a basis for qualification.

LCSs were processed at the proper frequency. No problems were found for this criterion.

8. FIELD DUPLICATE

Field duplicates are two (or more) field samples collected at the same time in the same location. Each of the samples represents the same population and is carried through all steps of the sampling and analytical procedures in an identical manner. Field duplicate results are used to assess precision of the total method, including sampling, analysis, and site heterogeneity.

No samples were analyzed as a field duplicate pair in association with this SDG.

9. ICP INTERFERENCE CHECK SAMPLE

An ICP interference check sample (ICS) must be analyzed for ICP-AES. All elements in the ICP-AES interference check sample solution ICSA should exhibited recoveries within acceptance limits (+/- CRQL of the true/mean value or +/-20% of the true value, whichever is greater) for the aqueous matrix. All elements in the ICP-AES solution ICSAB should exhibited acceptable recoveries (80-120% limits).

ICSA and ICSB solutions were properly analyzed and upon evaluation, found to be acceptable.

10. ICP SERIAL DILUTION

The serial dilution determines whether significant physical or chemical interferences exist due to sample matrix. If the analyte concentration is sufficiently high (concentration in the original sample is greater than 50 times the MDL, the percent difference between the original determination and the serial dilution analysis (a five-fold dilution) after correction for dilution shall be less than 10. For a serial dilution analysis that does not meet the technical criteria, the action was applied to all samples of the same matrix.

No sample was submitted for serial dilution evaluation in association with the samples in this SDG.

11. OTHER

None.

Table 1
Review Elements Summary

	Were acceptance criteria met?		
	Yes	No	
ICP Metals		Major	Minor
Holding Time/Sample Handling	x		
Method Blank	x		
Field or Rinse Blank	NA		
Initial Calibration	x		
Initial and Continuing Calibration Verification	x		
Initial and Continuing Calibration Blanks	x		
Matrix Spike/Matrix Spike Duplicate	NA		
Laboratory Duplicate	NA		
Laboratory Control Sample	x		
Field Duplicate	NA		
ICP Interference Check Sample	x		
ICP Serial Dilution	NA		
Other	x		

Major= Major data quality issue identified resulting in rejection of data.
Minor= Minor data quality issue identified resulting in the qualification of data. Data qualification should be used to inform the data users of data limitations.
NA = Not applicable

Table 2
Data Validation Qualifiers

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

ENVIRONMENTAL DATA SERVICES, LTD.

DATA USABILITY SUMMARY REPORT
FOR MISCELLANEOUS CHEMISTRY

PROJECT: NYSDEC SMP-D Dinaburg

CLIENT: EA Engineering, Science, and Technology, Inc.

LABORATORY: SGS Dayton, NJ

SAMPLE DELIVERY GROUP: JD96837

SAMPLE DATES: 09/25/2024

The above sample delivery group (SDG) consist of the following samples:

Client Sample Identification	Laboratory Sample Identification	300	353.2	2320B	4500 NO2B	4500 S2-F	5310B
828103-MW-03CA-20240925	JD96837-1	X	X	X	X	X	X
828103-MW-14KA-20240925	JD96837-2	X	X	X	X	X	X
828103-MW-03A-20240925	JD96837-3	X	X	X	X	X	X
828103-MW-20S-20240925	JD96837-4	X	X	X	X	X	X
828103-MW-13K-20240925	JD96837-5	X	X	X	X	X	X
828103-MW-08K-20240925	JD96837-6	X	X	X	X	X	X

The samples described above were analyzed via United States Environmental Protection Agency (USEPA) EPA Method 300 to determine concentrations of chloride and sulfate, EPA Method 353.2 to determine concentrations of nitrate/nitrite, Standard Method 2320B to determine the concentrations of alkalinity, Standard Method 4500NO2 B to determine concentrations of nitrite, Standard Method 4500 S2-F B to determine concentrations of sulfide, and Standard Method 5310B to determine concentrations of total organic carbon (TOC).

Project specific quality assurance (QA) objectives and United States Environmental Protection Agency (USEPA) National Functional Guidelines for Inorganic Superfund Methods Data Review, OLEM 9240.1-66 EPA-542-R-20-006, November 2020, (USEPA 2020) have been considered during validation of this data and its usability.

Table 1 provides a summary of major and minor data quality issues identified for this data set. All data are acceptable except those results which have been qualified with “R”, rejected. Data validation qualifiers along with associated descriptions are provided in Table 2. All data qualification related to this group of samples is detailed on the attached sheets.

All data users should note two facts. First, an "R" flag means that the associated value is unusable due to significant quality control (QC) problems, the data is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on any data tables even as a last resort. Second, no analyte concentration, even if it passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

1. CHAIN OF CUSTODY AND TRAFFIC REPORTS

Chain of custody and traffic reports were present for all samples. No problems were found for this criterion.

2. HOLDING TIME / SAMPLE HANDLING:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes in the samples whose holding time has been exceeded will be qualified as estimated, "J-", or unusable, "R", if holding times are grossly exceeded.

The samples in this SDG were received by the laboratory within the proper temperature range and sample preservation as specified in the validation guidance.

The samples contained in this SDG were prepared and analyzed within the holding times established in the method and validation criteria.

3. CALIBRATION:

Method requirements for satisfactory instrument or procedural calibration are established to ensure that the instrument can produce acceptable quantitative data. Initial calibration verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing calibration verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for each target analyte by the analysis of an ICV solution(s). The CCV standard shall be analyzed at a frequency of every 10 samples. The percent relative standard deviation (%RSD) and/or or the correlation coefficient should be within quality control limits for the initial calibration. ICV and CCV recoveries should be within quality control limits. Qualifications were applied to the samples and analytes as shown below.

Calibrations were performed at the appropriate frequency. The Coefficient of variation/determination values were within acceptable criteria in all cases and all calibration verifications were within acceptance criteria.

4. BLANK CONTAMINATION:

Quality assurance blanks include method, storage, trip, field, or rinse blanks. Blanks are prepared to identify any contamination, which may have been introduced into the samples during laboratory preparation and analysis or field activity. Method and storage blanks measure laboratory contamination. Trip blanks measure cross contamination during shipment. Field and rinse blanks measure cross contamination during field operations.

A) Method Blanks

Method blanks were analyzed with appropriate frequency. No problems were found for this criterion.

B) Instrument Blanks

Instruments blanks were analyzed with appropriate frequency. No problems were found for this criterion.

C) Field/Equipment Blanks

No sample was submitted as a field/equipment blank in association with the samples in this SDG.

5. LABORATORY CONTROL SAMPLE:

The Laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. The LCS results are used to verify that the laboratory can perform the analysis in a clean matrix.

No problems were found for this criterion.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY:

The matrix spike/matrix spike duplicate (MS/MSD) sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike percent recovery must fall within the established laboratory acceptance limits. However, spike recovery limits do not apply when the sample concentration is ≥4x the spike added. For a spike analysis that does not meet the technical criteria, the action was applied to all samples in the preparation batch.

Sample 828103-MW-03CA-20240925 was submitted for MS/MSD pair evaluations for sulfide and all anions by EPA Method 300.0 in association with this SDG. Upon evaluation all precision and accuracy indicators were acceptable.

7. LABORATORY DUPLICATE:

The laboratory duplicate sample analysis is performed to determine long-term precision of the analytical method in a given matrix. The relative percent difference (RPD) between the sample and its duplicate may be used to qualify data.

Sample 828103-MW-14KA-20240925 was submitted for laboratory duplicate pair evaluation for sulfide in association with this SDG. Adequate laboratory precision was demonstrated.

8. FIELD DUPLICATES:

Field duplicates are two (or more) field samples collected at the same time in the same location. Each of the samples represents the same population and is carried through all steps of the sampling and analytical procedures in an identical manner. Field duplicate results are used to assess precision of the total method, including sampling, analysis, and site heterogeneity.

No samples were submitted as a field duplicate pair in association with this SDG.

9. OTHER PROBLEMS:

No other problems were found.

Table 1
Review Elements Summary

	Were acceptance criteria met?		
	Yes	**No**	
SM4500 Nitrite		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	X		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	NA		
Laboratory Duplicate	NA		
Field Duplicate	NA		
Other	X		
	Yes	**No**	
Chloride and Sulfate		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	X		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	X		
Laboratory Duplicate	NA		
Field Duplicate	NA		
Other	X		
	Yes	**No**	
Alkalinity		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	X		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	NA		
Laboratory Duplicate	NA		
Field Duplicate	NA		
Other	X		
	Yes	**No**	
TOC		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	X		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	NA		
Laboratory Duplicate	NA		
Field Duplicate	NA		
Other	X		
	Yes	**No**	
E353.2 Nitrate/Nitrite		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	X		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	NA		
Laboratory Duplicate	NA		
Field Duplicate	NA		
Other	X		

	Yes	No	
Sulfide		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	NA		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	X		
Laboratory Duplicate	X		
Field Duplicate	NA		
Other	X		

Major = Major data quality issue identified resulting in rejection of data.
Minor = Minor data quality issue identified resulting in the qualification of data. Data qualification should be used to inform the data users of data limitations.
NA = Not applicable

Table 2
Data Validation Qualifiers

Data Qualifier	Definition
U	**The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.**
J	**The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.**
J+	**The result is an estimated quantity, but the result may be biased high.**
J-	**The result is an estimated quantity, but the result may be biased low.**
UJ	**The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.**
R	**The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.**

DATA VALIDATION REPORT

NYSDEC Dinaburg

SDG: JD96929

Chemical Analyses Performed by:

SGS Dayton, NJ

Prepared by

ENVIRONMENTAL DATA SERVICES, LTD.

Prepared for

EA Engineering, Science and Technology, Inc.

January 24, 2025

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ENVIRONMENTAL DATA SERVICES, LTD.

DATA USABILITY SUMMARY REPORT FOR TOTAL METALS

PROJECT: NYSDEC SMP-D Dinaburg

CLIENT: EA Engineering, Science, and Technology, Inc.

LABORATORY: SGS Dayton, NJ

SAMPLE DELIVERY GROUP: JD96929

SAMPLE DATES: 09/26/2024

The above sample delivery group (SDG) consists of the following samples:

Client Sample ID	Laboratory Sample ID
828108-MW-19S-20240926	JD96929-1

The samples described above were analyzed via United States Environmental Protection Agency (USEPA) SW-846 Method 6010D to determine the concentrations of metals.

Project specific quality assurance (QA) objectives and the USEPA Region II SOP, Hazardous Waste Support Section SOP No. HW-3a Revision 1 ISM02.2 ICP-AES Data Validation, September 2016, SOP No. HW-3c, Rev. 1 Mercury and Cyanide Data Validation, September 2016, and the United States Environmental Protection Agency (USEPA) National Functional Guidelines for Inorganic Superfund Methods Data Review, OLEM 9240.1-66 EPA-542-R-20-006, November 2020, (USEPA 2020) have been considered during validation of this data and its usability.

Table 1 provides a summary of major and minor data quality issues identified for this data set. All data are acceptable except those results which have been qualified with “R”, rejected. Data validation qualifiers along with associated descriptions are provided in Table 2. All data qualification related to this group of samples is detailed on the attached sheets.

All data users should note two facts. First, an "R" flag means that the associated value is unusable due to significant quality control (QC) problems, the data is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on any data tables even as a last resort. Second, no analyte concentration, even if it passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

1. CHAIN OF CUSTODY AND TRAFFIC REPORTS

Chain of custody and traffic reports were present for all samples. No problems were found for this criterion.

2. HOLDING TIME/SAMPLE HANDLING

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes in the samples whose holding time has been exceeded will be qualified as estimated, "J-", or unusable, "R", if holding times are grossly exceeded.

The samples in this SDG were received by the laboratory within the proper temperature range as specified in the validation guidance.

The samples contained in this SDG were prepared and analyzed within the holding times established in the method and validation criteria.

3. BLANK CONTAMINATION

Quality assurance blanks, which include method, trip, field, or rinse blanks, are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Trip blanks measure cross contamination during shipment. Field and rinse blanks measure cross contamination during field operations.

Method Blank Contamination

Method blanks were evaluated at the proper frequency. Upon evaluation, no target analytes were found above the method detection limit (MDL) in any associated method blank.

Field or Rinse Blank Contamination

No sample was submitted as a field or rinse blank in association with this SDG.

4. CALIBRATION

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data.

Initial and Continuing Calibration Verification

The initial calibration curve and its verification demonstrate that the instrument is capable of giving acceptable performance at the beginning of the analytical sequence. The continuing calibration verification standards provide information as to the continuing stability of the calibration curve.

All initial and continuing calibration verifications that bracketed sample analyses associated with this SDG were within acceptance limits.

Initial and Continuing Calibration Blanks

Qualification of sample results due to ICB contamination affects all samples in the analytical sequence while CCB contamination only affects samples immediately after or before the non-compliant CCB. If the highest level of contamination is found in the field or method blank, all samples are qualified based on that observation.

All initial and continuing calibration blanks (ICB/CCBs) were analyzed at the proper frequency. All ICB and CCBs associated with the samples in this SDG were evaluated. No problems were found for this criterion.

5. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

The matrix spike and matrix spike duplicate (MS/MSD) are generated to determine the precision and accuracy of the analytical procedure in a given sample matrix.

No sample was submitted for MS/MSD pair evaluation in association with this SDG.

6. LABORATORY DUPLICATE

The laboratory duplicate sample analysis is performed to determine long-term precision of the analytical method in a given matrix. The relative percent difference (RPD) between the sample and its duplicate may be used to qualify data.

No sample was submitted as a laboratory duplicate in association with this SDG.

7. LABORATORY CONTROL SAMPLE

The laboratory control sample (LCS) is a quality control sample of known concentration, which is processed along with a batch of samples. The percent recovery of the LCS can be used to assess the accuracy of the analytical procedure performed by a specific individual, during a specific time period, and utilizing the same reagents and equipment as those used for sample analyses. The LCS data is independent of sample matrix and the results may formulate a basis for qualification.

LCSs were processed at the proper frequency. No problems were found for this criterion.

8. FIELD DUPLICATE

Field duplicates are two (or more) field samples collected at the same time in the same location. Each of the samples represents the same population and is carried through all steps of the sampling and analytical procedures in an identical manner. Field duplicate results are used to assess precision of the total method, including sampling, analysis, and site heterogeneity.

No samples were analyzed as a field duplicate pair in association with this SDG.

9. ICP INTERFERENCE CHECK SAMPLE

An ICP interference check sample (ICS) must be analyzed for ICP-AES. All elements in the ICP-AES interference check sample solution ICSA should exhibited recoveries within acceptance limits (+/- CRQL of the true/mean value or +/-20% of the true value, whichever is greater) for the aqueous matrix. All elements in the ICP-AES solution ICSAB should exhibited acceptable recoveries (80-120% limits).

ICSA and ICSB solutions were properly analyzed and upon evaluation, found to be acceptable.

10. ICP SERIAL DILUTION

The serial dilution determines whether significant physical or chemical interferences exist due to sample matrix. If the analyte concentration is sufficiently high (concentration in the original sample is greater than 50 times the MDL, the percent difference between the original determination and the serial dilution analysis (a five-fold dilution) after correction for dilution shall be less than 10. For a serial dilution analysis that does not meet the technical criteria, the action was applied to all samples of the same matrix.

No sample was submitted for serial dilution evaluation in association with the samples in this SDG.

11. OTHER

None.

Table 1
Review Elements Summary

	Were acceptance criteria met?		
	Yes	No	
ICP Metals		Major	Minor
Holding Time/Sample Handling	x		
Method Blank	x		
Field or Rinse Blank	NA		
Initial Calibration	x		
Initial and Continuing Calibration Verification	x		
Initial and Continuing Calibration Blanks	x		
Matrix Spike/Matrix Spike Duplicate	NA		
Laboratory Duplicate	NA		
Laboratory Control Sample	x		
Field Duplicate	NA		
ICP Interference Check Sample	x		
ICP Serial Dilution	NA		
Other	x		

Major= Major data quality issue identified resulting in rejection of data.
Minor= Minor data quality issue identified resulting in the qualification of data. Data qualification should be used to inform the data users of data limitations.
NA = Not applicable

Table 2
Data Validation Qualifiers

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

ENVIRONMENTAL DATA SERVICES, LTD.

DATA USABILITY SUMMARY REPORT
FOR MISCELLANEOUS CHEMISTRY

PROJECT: NYSDEC SMP-D Dinaburg

CLIENT: EA Engineering, Science, and Technology, Inc.

LABORATORY: SGS Dayton, NJ

SAMPLE DELIVERY GROUP: JD96929

SAMPLE DATES: 09/26/2024

The above sample delivery group (SDG) consist of the following samples:

Client Sample Identification	Laboratory Sample Identification	300.0	353.2	2320B	4500 NO2B	4500 S2-F	5310B
828108-MW-19S-20240926	JD96929-1	X	X	X	X	X	X

The samples described above were analyzed via United States Environmental Protection Agency (USEPA) EPA Method 300.0 to determine concentrations of anions, EPA Method 353.2 to determine concentrations of nitrate/nitrite, Standard Method 2320B to determine the concentrations of alkalinity, Standard Method 4500NO2 B to determine concentrations of nitrite, Standard Method 4500 S2-F B to determine concentrations of sulfide, and Standard Method 5310B to determine concentrations of total organic carbon (TOC).

Project specific quality assurance (QA) objectives and United States Environmental Protection Agency (USEPA) National Functional Guidelines for Inorganic Superfund Methods Data Review, OLEM 9240.1-66 EPA-542-R-20-006, November 2020, (USEPA 2020) have been considered during validation of this data and its usability.

Table 1 provides a summary of major and minor data quality issues identified for this data set. All data are acceptable except those results which have been qualified with “R”, rejected. Data validation qualifiers along with associated descriptions are provided in Table 2. All data qualification related to this group of samples is detailed on the attached sheets.

All data users should note two facts. First, an "R" flag means that the associated value is unusable due to significant quality control (QC) problems, the data is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on any data tables even as a last resort. Second, no analyte concentration, even if it passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

1. CHAIN OF CUSTODY AND TRAFFIC REPORTS

Chain of custody and traffic reports were present for all samples. No problems were found for this criterion.

2. HOLDING TIME / SAMPLE HANDLING:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes in the samples whose holding time has been exceeded will be qualified as estimated, "J-", or unusable, "R", if holding times are grossly exceeded.

The samples in this SDG were received by the laboratory within the proper temperature range and sample preservation as specified in the validation guidance.

The samples contained in this SDG were prepared and analyzed within the holding times established in the method and validation criteria.

3. CALIBRATION:

Method requirements for satisfactory instrument or procedural calibration are established to ensure that the instrument can produce acceptable quantitative data. Initial calibration verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing calibration verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for each target analyte by the analysis of an ICV solution(s). The CCV standard shall be analyzed at a frequency of every 10 samples. The percent relative standard deviation (%RSD) and/or or the correlation coefficient should be within quality control limits for the initial calibration. ICV and CCV recoveries should be within quality control limits. Qualifications were applied to the samples and analytes as shown below.

Calibrations were performed at the appropriate frequency. The Coefficient of variation/determination values were within acceptable criteria in all cases and all calibration verifications were within acceptance criteria.

4. BLANK CONTAMINATION:

Quality assurance blanks include method, storage, trip, field, or rinse blanks. Blanks are prepared to identify any contamination, which may have been introduced into the samples during laboratory preparation and analysis or field activity. Method and storage blanks measure laboratory contamination. Trip blanks measure cross contamination during shipment. Field and rinse blanks measure cross contamination during field operations.

A) Method Blanks

Method blanks were analyzed with appropriate frequency. No problems were found for this criterion.

B) Instrument Blanks

Instruments blanks were analyzed with appropriate frequency. No problems were found for this criterion.

C) Field/Equipment Blanks

No sample was submitted as a field/equipment blank in association with the samples in this SDG.

5. LABORATORY CONTROL SAMPLE:

The Laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. The LCS results are used to verify that the laboratory can perform the analysis in a clean matrix.

No problems were found for this criterion.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY:

The matrix spike/matrix spike duplicate (MS/MSD) sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike percent recovery must fall within the established laboratory acceptance limits. However, spike recovery limits do not apply when the sample concentration is ≥4x the spike added. For a spike analysis that does not meet the technical criteria, the action was applied to all samples in the preparation batch.

Sample 828108-MW-19S-20240926 was submitted for MS for sulfide in association with this SDG. Upon evaluation all accuracy indicators were acceptable.

7. LABORATORY DUPLICATE:

The laboratory duplicate sample analysis is performed to determine long-term precision of the analytical method in a given matrix. The relative percent difference (RPD) between the sample and its duplicate may be used to qualify data.

No sample was submitted for laboratory duplicate pair evaluation in association with this SDG.

8. FIELD DUPLICATES:

Field duplicates are two (or more) field samples collected at the same time in the same location. Each of the samples represents the same population and is carried through all steps of the sampling and analytical procedures in an identical manner. Field duplicate results are used to assess precision of the total method, including sampling, analysis, and site heterogeneity.

No samples were submitted as a field duplicate pair in association with this SDG.

9. OTHER PROBLEMS:

No other problems were found.

Table 1
Review Elements Summary

	Were acceptance criteria met?		
	Yes	**No**	
SM4500 Nitrite		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	X		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	NA		
Laboratory Duplicate	NA		
Field Duplicate	NA		
Other	X		
	Yes	**No**	
Chloride and Sulfate		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	X		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	NA		
Laboratory Duplicate	NA		
Field Duplicate	NA		
Other	X		
	Yes	**No**	
Alkalinity		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	X		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	NA		
Laboratory Duplicate	NA		
Field Duplicate	NA		
Other	X		
	Yes	**No**	
TOC		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	X		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	NA		
Laboratory Duplicate	NA		
Field Duplicate	NA		
Other	X		
	Yes	**No**	
E353.2 Nitrate/Nitrite		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	X		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	NA		
Laboratory Duplicate	NA		
Field Duplicate	NA		
Other	X		

	Yes	No	
Sulfide		**Major**	**Minor**
Holding Time/Sample Handling	X		
Calibration	NA		
Blank Contamination	X		
Laboratory Control Sample	X		
Matrix Spike/Matrix Spike Duplicate	X		
Laboratory Duplicate	NA		
Field Duplicate	NA		
Other	X		

Major = Major data quality issue identified resulting in rejection of data.
Minor = Minor data quality issue identified resulting in the qualification of data. Data qualification should be used to inform the data users of data limitations.
NA = Not applicable

Table 2
Data Validation Qualifiers

Data Qualifier	Definition
U	**The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.**
J	**The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.**
J+	**The result is an estimated quantity, but the result may be biased high.**
J-	**The result is an estimated quantity, but the result may be biased low.**
UJ	**The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.**
R	**The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.**

ENVIRONMENTAL DATA SERVICES, LTD.

DATA USABILITY SUMMARY REPORT FOR DISSOLVED GASES

PROJECT: NYSDEC SMP-D Dinaburg

CLIENT: EA Engineering, Science, and Technology, Inc.

LABORATORY: SGS Dayton, NJ

SAMPLE DELIVERY GROUP: JD96929

SAMPLE DATES: 09/25/2024 – 09/26/2024

The above sample delivery group (SDG) consist of the following samples:

Client Sample ID	Laboratory Sample ID
828108-MW-19S-20240926	JD96929-1
828103-MW-20S-20240925	JD96929-2
828103-MW-08K-20240925	JD96929-3
828103-MW-14KA-20240925	JD96929-4
828103-MW-03CA-20240925	JD96929-5
828103-MW-03A-20240925	JD96929-6
828103-MW-13K-20240925	JD96929-7

The samples described above were analyzed via United States Environmental Protection Agency (USEPA) RSK SOP-175 to determine the concentrations of dissolved gases (carbon dioxide, methane, ethane, and ethene).

This Data Usability Summary Report (DUSR) has been prepared in general compliance with analytical methods and the National Functional Guidelines for Organic Superfund Methods Data Review, OLEM 9240.0-51 EPA 540-R-20-005, November 2020.

Table 1 provides a summary of major and minor data quality issues identified for this data set. All data are acceptable except those results which have been qualified with “R”, rejected. Data qualifiers along with associated descriptions are provided in Table 2. All data qualification related to this group of samples is detailed on the attached sheets.

Per USEPA Region II Validation Guidance, “All data users should note two facts. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables even as a last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.”

1. CHAIN OF CUSTODY AND TRAFFIC REPORTS

All chain of custody (COC) and traffic reports were present for all samples.

2. HOLDING TIME/SAMPLE HANDLING

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded the data may not be valid. Proper sample handling and preservation also play a role in the chemical stability of analytes in the sample matrix. If samples are not collected and stored using proper containers and/or preservatives data may not be valid.

The samples in this SDG were received by the laboratory within the proper temperature range as specified in the validation guidance. The samples contained in this SDG were prepared and analyzed within the holding times established in the method and validation criteria.

3. BLANK CONTAMINATION

Quality assurance blanks which include method, storage, trip, field, or rinse blanks are prepared to identify any contamination which may have been introduced into the samples during laboratory preparation and analysis or field activity. Method and storage blanks measure laboratory contamination. Trip blanks measure cross contamination of samples during shipment. Field and rinse blanks measure cross contamination during field operations.

Method Blank

Method blanks were prepared and analyzed in association with the samples in this delivery group at the specified frequency. No problems were found for this criterion.

Field Blank

No sample was submitted as a field/equipment blank in association with the samples in this SDG.

Trip Blank

No sample was submitted as a trip blank in association with the samples in this SDG.

4. CALIBRATION

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can give acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

Initial Calibration

Percent Relative Standard Deviation (%RSD) is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent RSD must be less than the maximum %RSD of 20% or, in cases where linear and non-linear regressions are used, correlation coefficients must be greater than or equal to 0.995. If the %RSD or correlation coefficient do not meet quality control criteria, detects may be qualified as "J" and professional judgement is used to qualify non-detects. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

Continuing Calibration

Percent difference (%D) compares the response factor of the continuing calibration check to mean response factor (RF) from the initial calibration. For the opening or closing continuing calibration verification (CCV) the %D must be <20% for all target compounds. A value outside of these limits indicates potential detection and quantitation errors. If the %D exceeds quality control criteria, the positive results are flagged as estimated, "J" and non-detects are flagged "UJ". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

5. **SURROGATES**

All samples are spiked with system monitoring compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate recovery limits were outside quality control limits in the validation guidance, qualifications were applied to all the samples and analytes as shown below.

Surrogates were not utilized for samples analyzed via RSK SOP-175.

6. **MATRIX SPIKE/MATRIX SPIKE DUPLICATE/MATRIX DUPLICATE**

The matrix spike/matrix spike duplicate (MS/MSD) sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike percent recovery and relative percent difference must fall within the laboratory established acceptance limits. However, spike recovery limits do not apply when the sample concentration is greater than or equal to four times the spike added. The laboratory duplicate sample analysis is performed to determine long-term precision of the analytical method in a given matrix. The relative percent difference (RPD) between the sample and its duplicate may be used to qualify data.

Sample 828103-MW-20S-20240925 was submitted for matrix duplicate evaluations for carbon dioxide in association with this SDG. Upon evaluation, all precision indicators were favorable.

Sample 828103-MW-03A-20240925 was submitted for matrix duplicate evaluations for methane, ethane, and ethene in association with this SDG. Upon evaluation, all precision indicators were favorable.

7. **LABORATORY CONTROL SAMPLE**

The Laboratory Control Sample (LCS) serves to monitor the overall performance of each step during the analysis. Aqueous/water and soil/sediment LCSs shall be analyzed for each analyte utilizing the same sample preparations, analytical methods, and quality assurance/quality control procedures as employed for the samples. All LCS percent recoveries must fall within the control limits of 80-120% or laboratory acceptance criteria when more restrictive. Qualifications were applied to the samples and analytes as shown below.

LCS evaluations were processed at the proper frequency. Upon evaluation of precision and accuracy criteria no issues were noted.

8. **FIELD DUPLICATE**

Field duplicates are two (or more) field samples collected at the same time in the same location. Each of the samples represents the same population and is carried through all steps of the sampling and analytical procedures in an identical manner. Field duplicate results are used to assess precision of the total method including sampling, analysis, and site heterogeneity.

No samples were submitted as a field duplicate in association with this SDG.

9. OTHER

None.

Table 1
Review Elements Summary

	Were acceptance criteria met?		
	Yes	No	
RSK-175		**Major**	**Minor**
Holding Time/Sample Handling	x		
Laboratory Blank	x		
Field/Equipment Blank	NA		
Trip Blank	NA		
Calibration	x		
Surrogates	NA		
Matrix Spike/Matrix Spike Duplicate/Laboratory Duplicate	x		
Field Duplicate	NA		
Laboratory Control Samples	x		
Other Quality Control Data out of Specification	x		

Major= Major data quality issue identified resulting in rejection of data.
Minor= Minor data quality issue identified resulting in the qualification of data. Data qualification should be used to inform the data users of data limitations.
NA = Not applicable

Table 2
Data Validation Qualifiers

Data Qualifier	Definition
U	The analyte was analyzed for but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

DATA VALIDATION REPORT

NYSDEC Dinaburg

SDG: JD96962

Chemical Analyses Performed by:

SGS Dayton, NJ

Prepared by

ENVIRONMENTAL DATA SERVICES, LTD.

Prepared for

EA Engineering, Science and Technology, Inc.

January 24, 2025

5 Brilliant Avenue, Pittsburgh, PA 15215
412.408.3288 I www.eds-pa.com

ENVIRONMENTAL DATA SERVICES, LTD.

DATA USABILITY SUMMARY REPORT FOR VOLATILES

PROJECT: NYSDEC SMP-D Dinaburg

CLIENT: EA Engineering, Science, and Technology, Inc.

LABORATORY: SGS Dayton, NJ

SAMPLE DELIVERY GROUPS: JD96962

SAMPLE DATES: 09/26/2024 – 9/27/2024

The above sample delivery group (SDG) consist of the following samples:

Client Sample ID	Laboratory Sample ID
828103-MW-15S-20240924	JD96962-1
828103-MW-15K-20240924	JD96962-2
828103-MW-13K-20240924	JD96962-3
828103-MW-23K-20240924	JD96962-4
828103-MW-10S-20240924	JD96962-5
828103-MW-05-20240924	JD96962-6
828103-MW-24K-20240924	JD96962-7
828103-P2-24S-20240924	JD96962-8
828103-MW-09S-20240924	JD96962-9
828103-MW-09K-20240924	JD96962-10
828103-MW-06-20240924	JD96962-11
828103-MW-08S-20240924	JD96962-12
828103-MW-08K-20240924	JD96962-13
828103-MW-22K-20240924	JD96962-14
828103-P2-22S-20240924	JD96962-15
828103-MW-11S-20240924	JD96962-16
828103-MW-12K-20240924	JD96962-17
828103-MW-12S-20240924	JD96962-18
828103-MW-04-20240924	JD96962-19
828103-MW-21S-20240924	JD96962-20
828103-MW-03D-20240924	JD96962-21
828103-MW-16K-20240924	JD96962-22
828103-MW-17S-20240924	JD96962-23
828103-DUP-1-20240924	JD96962-24
828103-DUP-2-20240924	JD96962-25
828103-MW-16S-20240925	JD96962-26
828103-MW-18S-20240925	JD96962-27
828103-MW-03A-20240925	JD96962-28
828103-MW-20S-20240925	JD96962-29
828103-MW-14KA-20240925	JD96962-30
828103-MW-19S-20240925	JD96962-31
828103-MW-03CA-20240925	JD96962-32
828103-MW-10K-20240926	JD96962-33
828103-GWE-2-20240926	JD96962-34
828103-MPE-17-20240926	JD96962-35
828103-TB-20240926	JD96962-36
828103-EQB-20240926	JD96962-37

The samples described above were analyzed via USEPA SW-846 8260D to determine the concentrations of low/medium volatile organic analytes (VOAs).

Project specific quality assurance (QA) objectives, as well as the USEPA Region II SOP, Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B & 8260C, SOP NO. HW-24 Revision 4, September 2014 have been considered during validation of this data and its usability.

Table 1 provides a summary of major and minor data quality issues identified for this data set. All data are acceptable except those results which have been qualified with “R,” rejected. Data validation qualifiers along with associated descriptions are provided in Table 2. All data qualification related to this group of samples is detailed on the attached sheets.

Per USEPA Region 2 Validation Guidance, “All data users should note two facts. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables even as a last resort. The second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.”

1. **HOLDING TIME/SAMPLE HANDLING**

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Proper sample handling and preservation also play a role in the chemical stability of analytes in the sample matrix. If samples are not collected and stored using proper containers and/or preservatives, data may not be valid.

The samples in this sample delivery group (SDG) were received by the laboratory within the proper temperature range as specified in the validation guidance.

The samples in this SDG were prepared and analyzed within the holding time specified in the validation guidelines.

2. **BLANK CONTAMINATION**

Quality assurance blanks include method, storage, trip, field, or rinse blanks. Blanks are prepared to identify any contamination, which may have been introduced into the samples during preparation and analysis or field activity. Method and storage blanks measure laboratory contamination. Trip blanks measure cross contamination during shipment. Field and rinse blanks measure cross contamination during field operations.

Method Blanks

Method blanks were prepared and analyzed in association with the samples in these SDGs at the specified frequency. Upon examination of method blank data, no analyte was positively identified at a concentration equal to or above the method detection limit (MDL) in any associated method blank.

Storage Blanks

No storage blanks were submitted in association with this SDG.

Trip Blanks

Sample 828103-TB-20240926 was submitted as a trip blank in association with this SDG. No problems were found for this criterion.

Field Blanks

Sample 828103-EQB-20240926 was submitted as an equipment blank in association with all samples in this SDG. No problems were found for this criterion with the following exception. Acetone was positively detected. Positive sample results for acetone have been evaluated and qualified as appropriate per validation guidance.

3. **MASS SPECTROMETER TUNING**

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds, and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances.

The tuning standard for volatiles is bromofluorobenzene (BFB).

All tunes associated with this SDG were fully compliant.

4. **CALIBRATION**

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative results. The initial calibration curve demonstrates that the instrument is capable of giving acceptable performance at the beginning of an analytical sequence. The continuing calibration verifies that the instrument is continuing to provide satisfactory daily performance. Additionally, a continuing calibration is analyzed at the end of each 12-hour analytical sequence, denoted as a "closing" calibration verification, and ascertains acceptable performance at the conclusion of the analytical sequence.

Response Factor

The relative response factor (RRF) measures the instruments responses to specific chemical compounds. The RRFs for the VOA target compound list (TCL) compounds must be greater than the RRFs listed in Region II validation guidelines. A value less than the respective criteria indicates serious detection and quantitation problems. If the mean RRF of the initial calibration or the continuing calibration RRF is below the specified limit for any analyte, those analytes detected in environmental samples will be qualified as estimated. All non-detects for those analytes will be rejected.

The RRF values in all initial and continuing calibrations were found to be acceptable in all cases.

Percent Relative Standard Deviation and Percent Deviation

Percent relative standard deviation (%RSD) is calculated from the initial calibration and is used to indicate stability of a specific compound over the calibration range. Percent deviation (%D) compares the response factor of the continuing calibration with the mean response factor of the initial calibration. Therefore, %D is a measure of the instrument's daily performance.

The following QC criteria have been applied for this project:

The %RSD of initial calibration must be ≤20%.

A %RSD value outside initial calibration limit indicates the potential for quantitation errors. For this reason, all positive results are qualified as estimated and non-detect results are qualified using professional judgement.

The %D for opening continuing calibration must be ≤30%

A value outside these limits indicates the potential for detection and quantitation errors. For these reasons, all positive results are qualified as "J," estimated, and non-detects are qualified with "UJ."

All initial calibration and continuing calibration %RSD and %D values were within defined QC criteria with the following exceptions.

The observed %Ds for the analytes listed in the table below were outside of the acceptance criteria in the CCV associated with samples 828103-MW-20S-20240925, 828103-MW-19S-20240925, and 828103-TB-20240926. The results reported for the impacted analytes in the associated samples were not detected and have been qualified "UJ" on this basis.

1,2,3-trichlorobenzene	*1,2-dibromo-3-chloropropane*
1,2,4-trichlorobenzene	*trichlorofluoromethane*

The observed %Ds for 4-methyl-2-pentanone were outside of the acceptance criteria in the CCV associated with the samples listed in the table below. The results reported for the impacted analyte in the associated samples were not detected and have been qualified "UJ" on this basis.

828103-MW-15S-20240924	*828103-MW-06-20240924*	*828103-MW-03D-20240924*
828103-MW-13K-20240924	*828103-MW-08K-20240924*	*828103-DUP-1-20240924*
828103-MW-10S-20240924	*828103-P2-22S-20240924*	*828103-DUP-2-20240924*
828103-MW-24K-20240924	*828103-MW-12K-20240924*	*828103-MW-18S-20240925*
828103-MW-09S-20240924	*828103-MW-04-20240924*	*828103-MW-03A-20240925*

The observed %Ds in the CCV associated with samples 828103-MW-14KA-20240925, 828103-MW-10K-20240926, and 828103-EQB-20240926 were outside of the acceptance criteria for the analytes listed in the table below. The results reported for the impacted analytes in the associated samples were not detected and have been qualified "UJ" on this basis.

1,2,3-trichlorobenzene	*bromoform*
1,2,4-trichlorobenzene	*trichlorofluoromethane*

The observed %Ds for 1,2,4-trichlorobenzene and bromomethane were outside of the acceptance criteria in the CCV associated with the samples listed in the table below. The results reported for the impacted analyte in the associated samples were not detected and have been qualified "UJ" on this basis.

828103-MW-15K-20240924	*828103-MW-08S-20240924*	*828103-MW-16K-20240924*
828103-MW-23K-20240924	*828103-MW-22K-20240924*	*828103-MW-17S-20240924*
828103-MW-05-20240924	*828103-MW-11S-20240924*	*828103-MW-16S-20240925*
828103-P2-24S-20240924	*828103-MW-12S-20240924*	*828103-MW-03A-20240925*
828103-MW-09K-20240924	*828103-MW-21S-20240924*	

The observed %Ds in the CCV associated with samples 828103-MW-03CA-20240925, 828103-GWE-2-20240926, and 828103-MPE-17-20240926 were outside of the acceptance criteria for the analytes listed in the table below. The results reported for the impacted analytes in the associated samples were not detected and have been qualified "UJ" on this basis.

1,2,3-trichlorobenzene	*chloroethane*
chloromethane	*dichlorodifluoromethane*

Please note, the laboratory did not perform closing continuing calibration verifications. Therefore, those criteria were not evaluated during validation. No qualification was applied on this basis.

5. **INTERNAL STANDARDS PERFORMANCE**

Internal standard performance criteria are meant to ensure that the gas chromatography/mass spectrometry (GC/MS) sensitivity and response are stable during every experimental run.

The internal standard area count must not vary by more than a factor of two from the associated continuing calibration standard. The retention time of the internal standard must not vary by more than +/- 30 seconds from the associated continuing calibration standard. The area count must be within -50% to +200% range of the associated standard. If area count is >200%, non-detected results are not qualified while positive results associated with the

non-compliant internal standard are qualified "J," estimated. However, when an observed area count is <50%, positive results associated with the non-compliant are qualified "J," estimated, while non-detected results are rejected.

Internal standard area counts are within acceptance criteria for all samples.

6. **SURROGATES**

All samples are spiked with surrogate compounds prior to sample preparation and analyses to evaluate overall laboratory performance and efficiency of the analytical technique. The observed recovery must be within laboratory limits as outlined in the project specific validation guidance.

The reported sample analyses had observed surrogate recoveries within the established acceptance limits in all cases.

7. COMPOUND IDENTIFICATION

Volatile

The project target analyte compounds are identified on the GC/MS by using the analytes relative retention time (RRT) and ion spectra. For the results to be a positive hit, the sample peak must be within ±0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary ion intensities within 20% of that in the standard compound. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications.

All samples were evaluated, and all identification criteria were met. Therefore, no analytes were qualified for compound identification.

Volatile Tentatively Identified Compounds

Tentatively Identified Compounds (TICs) were reported by the laboratory and reviewed for quality assurance. For all TIC results where there is presumptive evidence of a match, being greater than or equal to 85% match, the results are qualified "NJ," tentatively identified. If the non-target compound is reported as an unknown, the result is qualified "J," estimated. Likewise, if it is determined that the identification of a TIC is unacceptable, the tentative identification of the compound is changed to "unknown" and the result is qualified "J," estimated.

Volatile TICs were not reported.

8. **MATRIX SPIKE/MATRIX SPIKE DUPLICATE**

The matrix spike and matrix spike duplicate (MS/MSD) are generated to determine the precision and accuracy of the analytical procedure in a given sample matrix.

Sample 828103-MW-15K-20240924 was submitted for MS/MSD pair evaluation in association with this SDG. Upon evaluation all precision and accuracy indicators were acceptable or did not result in a need to qualify sample results.

Sample 828103-MW-13K-20240924 was submitted for MS/MSD pair evaluation in association with this SDG. Upon evaluation all precision and accuracy indicators were acceptable or did not result in a need to qualify sample results.

Sample 828103-MW-20S-20240925 was submitted for MS/MSD pair evaluation in association with this SDG. Upon evaluation all precision and accuracy indicators were acceptable or did not result in a need to qualify sample results.

Sample 828103-MW-10K-20240926 was submitted for MS/MSD pair evaluation in association with this SDG. Upon evaluation all precision and accuracy indicators were acceptable or did not result in a need to qualify sample results.

9. **LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE**

The Laboratory Control Sample (LCS) is spiked with the same analytes at the same concentrations as the matrix spike. The LCS results are used to verify that the laboratory can perform the analysis in a clean matrix.

LCS/LCS duplicate (LCSD) evaluations were processed at the proper frequency. Upon evaluation all accuracy and precision criteria were acceptable or did not result in a need to qualify sample results.

10. **REPORTING**

No dilutions, re-extractions, or other re-analyses were performed other than those necessary to bring positive instrument signals within the linear range.

11. OTHER QUALITY CONTROL DATA OUT OF SPECIFICATION

None.

12. FIELD DUPLICATE

Field duplicates are two (or more) field samples collected at the same time in the same location. Each of the samples represents the same population and is carried through all steps of the sampling and analytical procedures in an identical manner. Field duplicate results are used to assess precision of the total method, including sampling, analysis, and site heterogeneity.

Samples 828103-MW-13K-20240924 and 828103-DUP-1-20240924 were analyzed as a field duplicate pair in association with these SDGs. Adequate field precision was demonstrated.

Samples 828103-MW-04-20240924 and 828103-DUP-2-20240924 were analyzed as a field duplicate pair in association with these SDGs. Adequate field precision was demonstrated.

13. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

Overall, the laboratory data generated met the project goals and quality control criteria, with the exceptions identified in this report and as summarized in Table 1.

Table 1
Review Elements Summary

	Were acceptance criteria met?		
	Yes	No	
Volatiles		**Major**	**Minor**
Holding Time	x		
Method Blanks	x		
Storage Blanks	NA		
Trip Blanks	x		
Equipment/Field Blanks			x
Mass Spectrometer Tuning	x		
Calibration Response Factor	x		
Calibration Percent Relative Standard Deviation and Percent Difference			x
Internal Standards	x		
Surrogates	x		
Compound Identification - Volatile	x		
Tentatively Identified Compounds - Volatile	NA		
Matrix Spike/Matrix Spike Duplicate	x		
Laboratory Control Sample/Laboratory Control Sample Duplicate	x		
Other Quality Control Data out of Specification	x		
Field Duplicate	x		

Major= Major data quality issue identified resulting in rejection of data.
Minor= Minor data quality issue identified resulting in the qualification of data. Data qualification should be used to inform the data users of data limitations.
NA = Not applicable

Table 2
Data Validation Qualifiers

Data Qualifier	Definition
U	The analyte was analyzed for but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

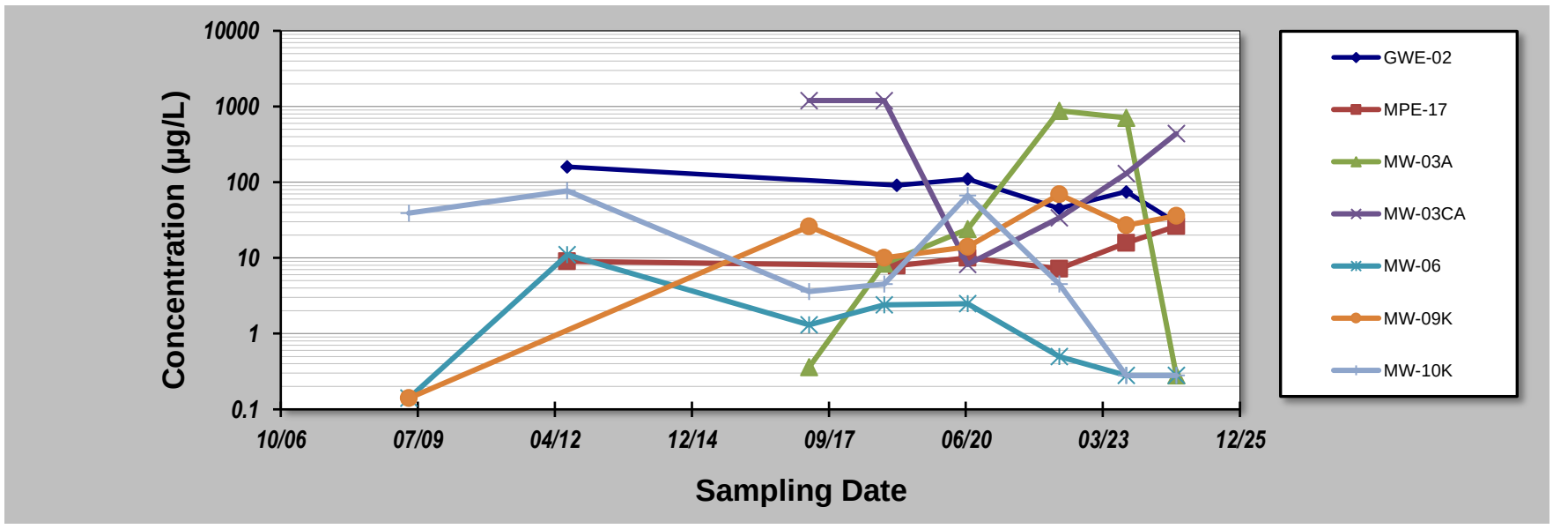
Appendix F.

Mann Kendall Analysis

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Nov-24	Job ID:	828103
Facility Name:	Dinaburg Distributing	Constituent:	PCE
Conducted By:	C. Derrick	Concentration Units:	µg/L

Sampling Point ID:	GWE-02	MPE-17	MW-03A	MW-03CA	MW-06	MW-09K	MW-10K
Sampling Event	Sampling Date	PCE CONCENTRATION (µg/L)						
1	May-09					0.14	0.14	39
2	Jul-12	160	9			11		77
3	May-17			0.36	1200	1.3	26	3.6
4	Nov-18			8.4	1200	2.4	10	4.5
5	Feb-19	91	7.9					
6	Jul-20	110	10	24	8.2	2.5	14	67
7	May-22	45	7.2	880	34	0.5	69	4.5
8	Sep-23	74.8	15.8	704	130	0.28	27	0.28
9	Sep-24	29.2	26.3	0.28	440	0.28	35.8	0.28
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.55	0.58	1.52	1.12	1.58	0.86	1.31
Mann-Kendall Statistic (S):		-11	7	3	-2	-7	13	-14
Confidence Factor:		97.2%	86.4%	64.0%	57.0%	76.4%	96.5%	94.6%
Concentration Trend:		Decreasing	No Trend	No Trend	No Trend	No Trend	Increasing	Prob. Decreasing



Notes:

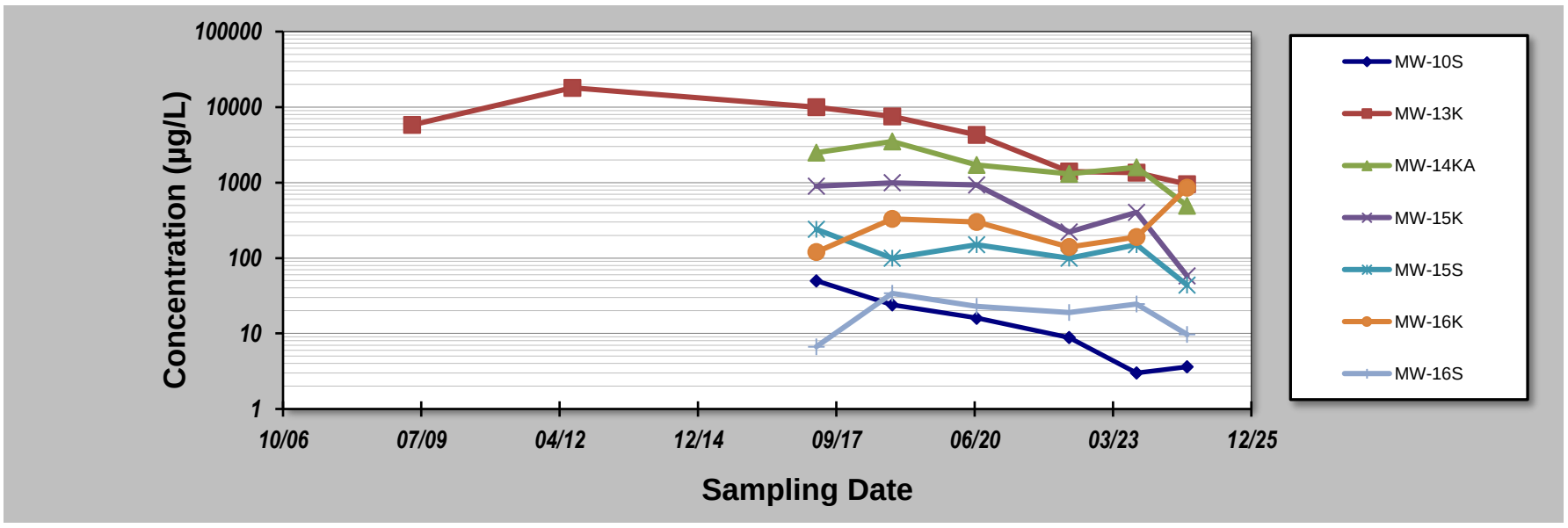
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

DISCLAIMER: *The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.*

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Nov-24	Job ID:	828103
Facility Name:	Dinaburg Distributing	Constituent:	PCE
Conducted By:	C. Derrick	Concentration Units:	µg/L

Sampling Point ID:	MW-10S	MW-13K	MW-14KA	MW-15K	MW-15S	MW-16K	MW-16S
Sampling Event	Sampling Date	PCE CONCENTRATION (µg/L)						
1	May-09		5800					
2	Jul-12		18000					
3	May-17	50	10000	2500	900	240	120	6.7
4	Nov-18	24	7500	3500	990	100	330	34
5	Feb-19							
6	Jul-20	16	4300	1700	930	150	300	23
7	May-22	8.8	1400	1300	220	100	140	19
8	Sep-23	3	1350	1600	404	150	189	24.5
9	Sep-24	3.6	950	492	57.8	43.8	851	9.7
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		1.01	0.94	0.56	0.70	0.51	0.85	0.52
Mann-Kendall Statistic (S):		-13	-22	-11	-9	-7	5	-1
Confidence Factor:		99.2%	99.8%	97.2%	93.2%	86.4%	76.5%	50.0%
Concentration Trend:		Decreasing	Decreasing	Decreasing	Prob. Decreasing	Stable	No Trend	Stable



Notes:

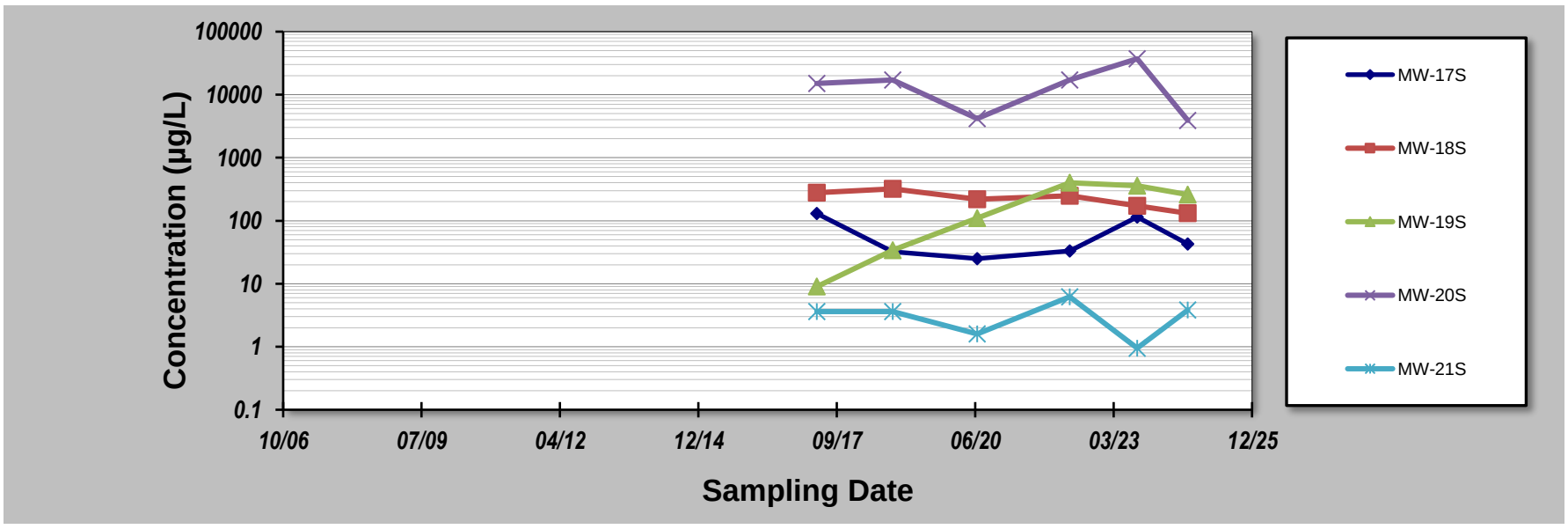
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Nov-24	Job ID:	828103
Facility Name:	Dinaburg Distributing	Constituent:	PCE
Conducted By:	C. Derrick	Concentration Units:	µg/L

Sampling Point ID:	MW-17S	MW-18S	MW-19S	MW-20S	MW-21S		
Sampling Event	Sampling Date	PCE CONCENTRATION (µg/L)						
1	May-09							
2	Jul-12							
3	May-17	130	280	9	15000	3.6		
4	Nov-18	32	320	34	17000	3.6		
5	Feb-19							
6	Jul-20	25	220	110	4200	1.6		
7	May-22	33	250	400	17000	6.2		
8	Sep-23	114	172	360	37100	0.95		
9	Sep-24	42.7	131	261	3910	3.8		
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13								
14								
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16								
17								
18								
19								
20								
Coefficient of Variation:		0.74	0.30	0.86	0.77	0.56		
Mann-Kendall Statistic (S):		1	-11	9	0	0		
Confidence Factor:		50.0%	97.2%	93.2%	39.3%	39.3%		
Concentration Trend:		No Trend	Decreasing	Prob. Increasing	Stable	Stable		



Notes:

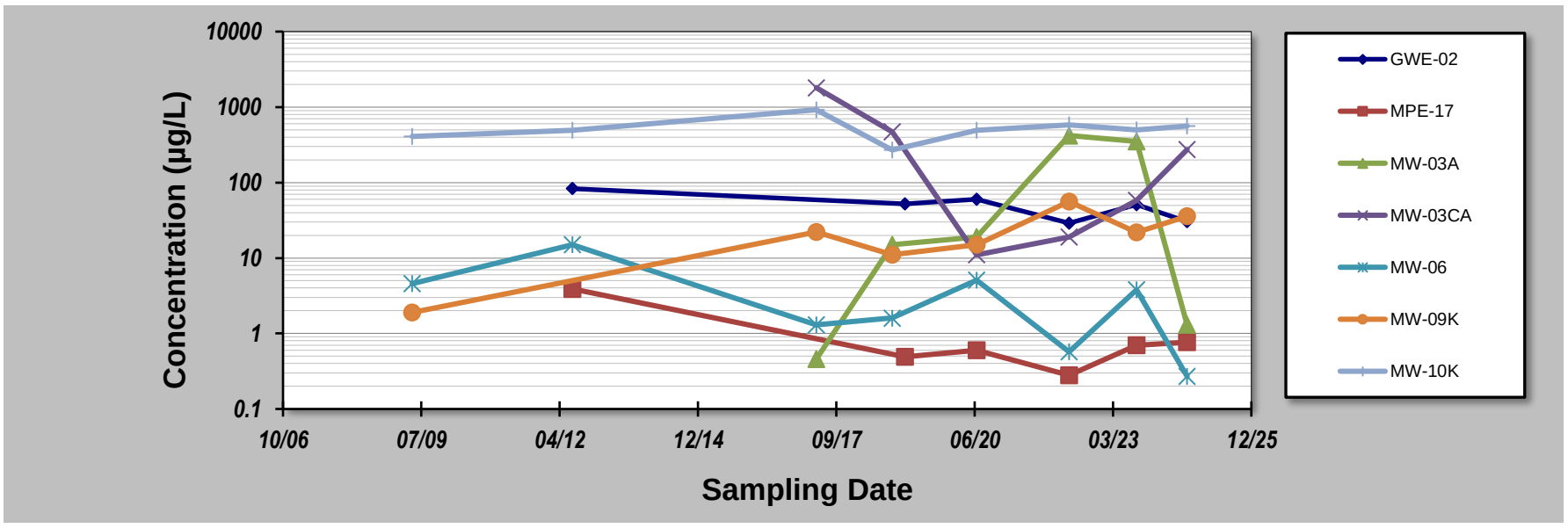
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Nov-24	Job ID:	828103
Facility Name:	Dinaburg Distributing	Constituent:	TCE
Conducted By:	C. Derrick	Concentration Units:	µg/L

Sampling Point ID:	GWE-02	MPE-17	MW-03A	MW-03CA	MW-06	MW-09K	MW-10K
Sampling Event	Sampling Date	TCE CONCENTRATION (µg/L)						
1	May-09					4.6	1.9	410
2	Jul-12	83	3.9			15		490
3	May-17			0.46	1800	1.3	22	920
4	Nov-18			15	470	1.6	11	270
5	Feb-19	52	0.49					
6	Jul-20	60	0.6	19	11	5.1	15	490
7	May-22	29	0.28	420	19	0.57	56	580
8	Sep-23	50.7	0.7	350	57.9	3.8	21.8	496
9	Sep-24	30.3	0.77	1.3	274	0.27	35.8	562
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19								
20								
Coefficient of Variation:		0.40	1.22	1.46	1.57	1.19	0.76	0.35
Mann-Kendall Statistic (S):		-9	1	5	-3	-12	11	9
Confidence Factor:		93.2%	50.0%	76.5%	64.0%	91.1%	93.2%	83.2%
Concentration Trend:		Prob. Decreasing	No Trend	No Trend	No Trend	Prob. Decreasing	Prob. Increasing	No Trend



Notes:

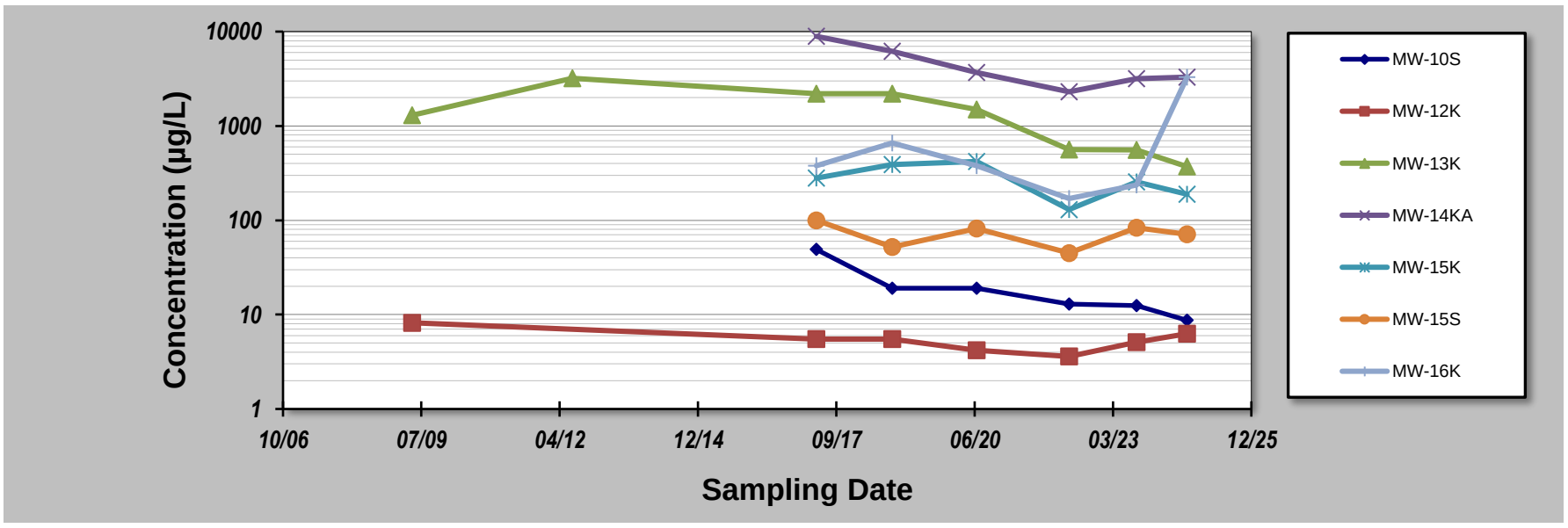
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Nov-24	Job ID:	828103
Facility Name:	Dinaburg Distributing	Constituent:	TCE
Conducted By:	C. Derrick	Concentration Units:	µg/L

Sampling Point ID:	MW-10S	MW-12K	MW-13K	MW-14KA	MW-15K	MW-15S	MW-16K
Sampling Event	Sampling Date	TCE CONCENTRATION (µg/L)						
1	May-09		8.2	1300				
2	Jul-12			3200				
3	May-17	49	5.5	2200	8900	280	100	380
4	Nov-18	19	5.5	2200	6200	390	52	660
5	Feb-19							
6	Jul-20	19	4.2	1500	3700	420	82	380
7	May-22	13	3.6	560	2300	130	45	170
8	Sep-23	12.5	5.1	556	3170	255	83.3	236
9	Sep-24	8.7	6.3	370	3280	189	70.8	3300
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20								
Coefficient of Variation:		0.73	0.27	0.67	0.54	0.40	0.29	1.42
Mann-Kendall Statistic (S):		-14	-6	-19	-9	-5	-3	0
Confidence Factor:		99.6%	76.4%	98.9%	93.2%	76.5%	64.0%	39.3%
Concentration Trend:		Decreasing	Stable	Decreasing	Prob. Decreasing	Stable	Stable	No Trend



Notes:

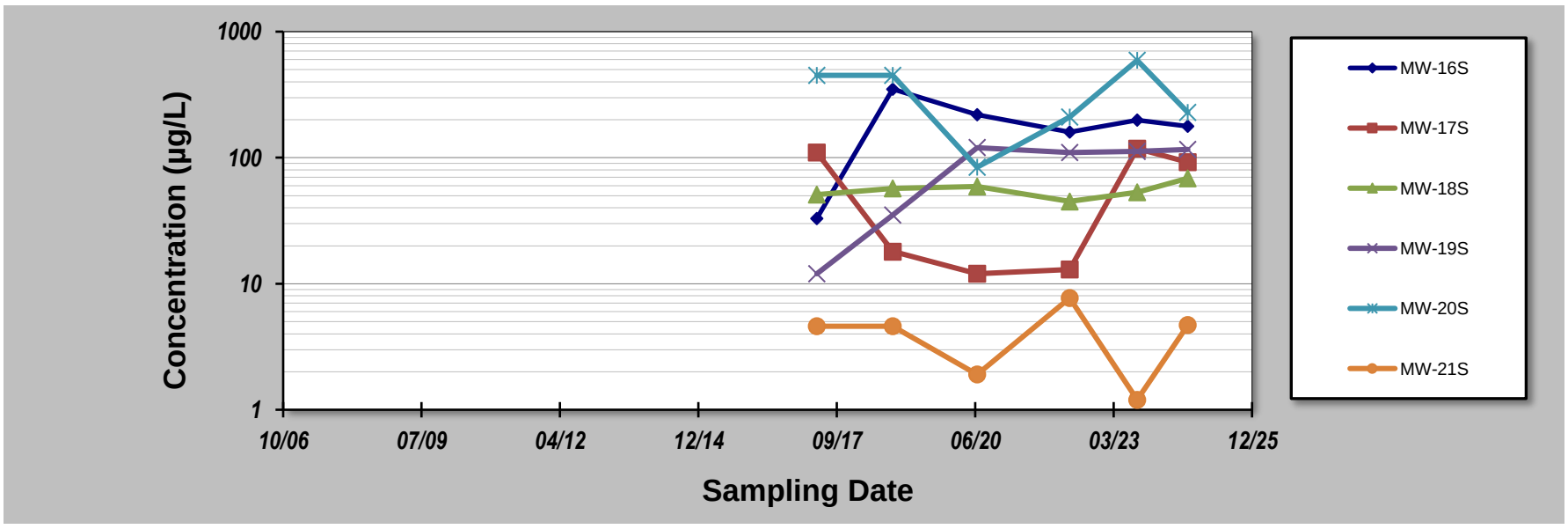
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	25-Mar-01	Job ID:	828103
Facility Name:	Dinaburg Distributing	Constituent:	TCE
Conducted By:	C. Derrick	Concentration Units:	µg/L

Sampling Point ID:	MW-16S	MW-17S	MW-18S	MW-19S	MW-20S	MW-21S	
Sampling Event	Sampling Date	TCE CONCENTRATION (µg/L)						
1	May-09							
2	Jul-12							
3	May-17	33	110	51	12	450	4.6	
4	Nov-18	350	18	57	35	450	4.6	
5	Feb-19							
6	Jul-20	220	12	59	120	84	1.9	
7	May-22	160	13	45	110	210	7.7	
8	Sep-23	199	118	53.2	112	592	1.2	
9	Sep-24	178	91.9	68.6	116	228	4.7	
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19								
20								
Coefficient of Variation:		0.54	0.85	0.14	0.57	0.57	0.57	
Mann-Kendall Statistic (S):		-1	1	5	9	0	0	
Confidence Factor:		50.0%	50.0%	76.5%	93.2%	39.3%	39.3%	
Concentration Trend:		Stable	No Trend	No Trend	Prob. Increasing	Stable	Stable	



Notes:

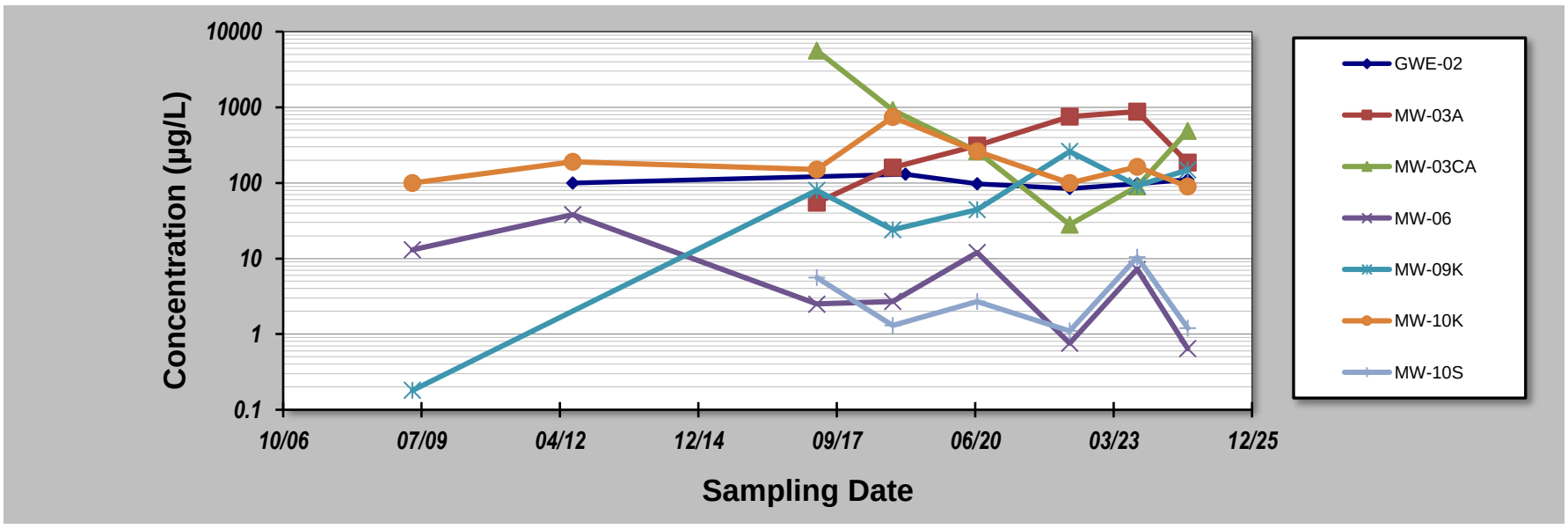
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Nov-24	Job ID:	828103
Facility Name:	Dinaburg Distributing	Constituent:	Cis-1,2-DCE
Conducted By:	C. Derrick	Concentration Units:	µg/L

Sampling Point ID:	GWE-02	MW-03A	MW-03CA	MW-06	MW-09K	MW-10K	MW-10S
Sampling Event	Sampling Date	CIS-1,2-DCE CONCENTRATION (µg/L)						
1	May-09				13	0.18	100	
2	Jul-12	100			38		190	
3	May-17		55	5600	2.5	80	150	5.6
4	Nov-18		160	920	2.7	24	740	1.3
5	Feb-19	130						
6	Jul-20	97	310	260	12	44	260	2.7
7	May-22	84	750	28	0.76	260	100	1.1
8	Sep-23	96.9	877	89.4	7.2	91.4	163	10.4
9	Sep-24	111	186	486	0.64	148	89.3	1.2
10								
11								
12								
13								
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16								
17								
18								
19								
20								
Coefficient of Variation:		0.15	0.87	1.76	1.30	0.96	0.96	0.99
Mann-Kendall Statistic (S):		-3	9	-7	-14	13	-5	-3
Confidence Factor:		64.0%	93.2%	86.4%	94.6%	96.5%	68.3%	64.0%
Concentration Trend:		Stable	Prob. Increasing	No Trend	Prob. Decreasing	Increasing	Stable	Stable



Notes:

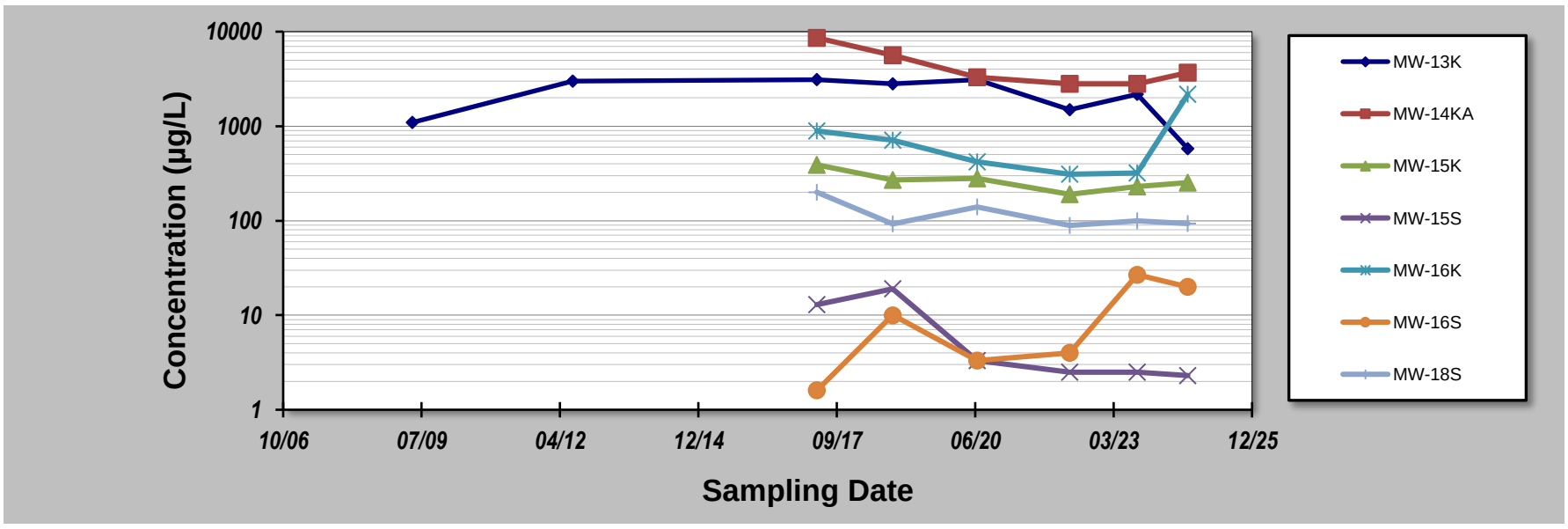
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Nov-24	Job ID:	828103
Facility Name:	Dinaburg Distributing	Constituent:	Cis-1,2-DCE
Conducted By:	C. Derrick	Concentration Units:	µg/L

Sampling Point ID:	MW-13K	MW-14KA	MW-15K	MW-15S	MW-16K	MW-16S	MW-18S
Sampling Event	Sampling Date	CIS-1,2-DCE CONCENTRATION (µg/L)						
1	May-09	1100						
2	Jul-12	3000						
3	May-17	3100	8600	390	13	890	1.6	200
4	Nov-18	2800	5600	270	19	710	10	92
5	Feb-19							
6	Jul-20	3100	3300	280	3.3	420	3.3	140
7	May-22	1500	2800	190	2.5	310	4	89
8	Sep-23	2170	2800	231	2.5	320	26.8	99.3
9	Sep-24	578	3700	252	2.3	2170	20	93.1
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.46	0.51	0.25	1.01	0.88	0.94	0.37
Mann-Kendall Statistic (S):		-7	-8	-7	-12	-3	9	-5
Confidence Factor:		76.4%	89.8%	86.4%	98.2%	64.0%	93.2%	76.5%
Concentration Trend:		Stable	Stable	Stable	Decreasing	Stable	Prob. Increasing	Stable



Notes:

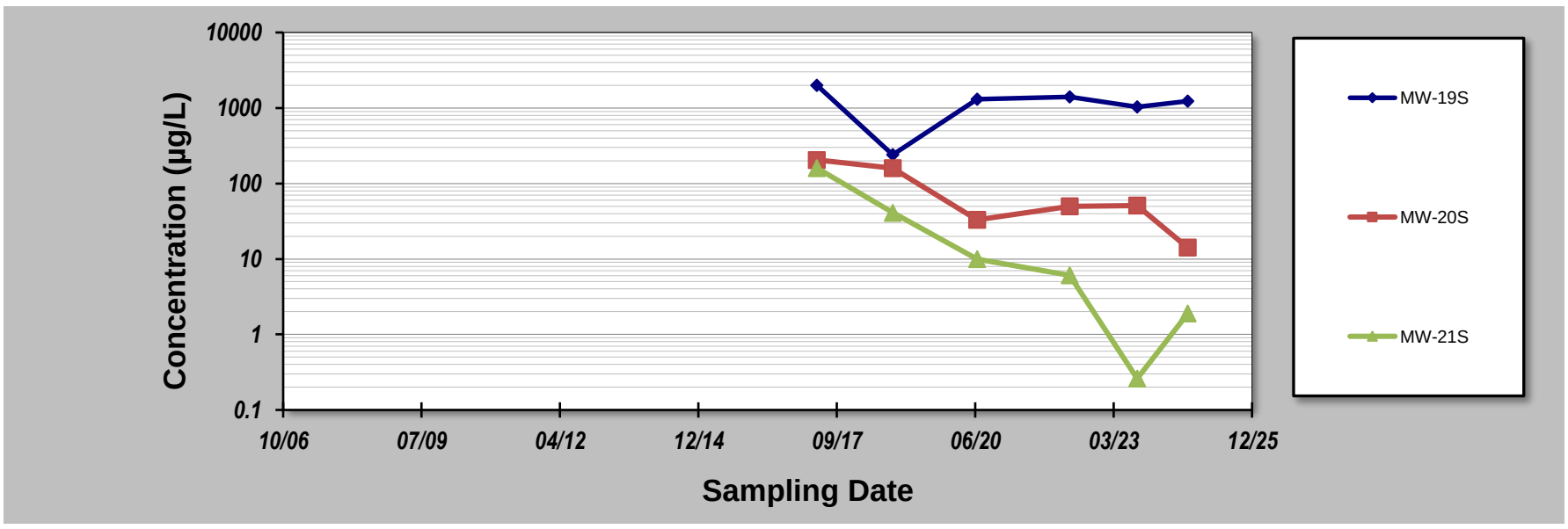
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Nov-24	Job ID:	828103
Facility Name:	Dinaburg Distributing	Constituent:	Cis-1,2-DCE
Conducted By:	C. Derrick	Concentration Units:	µg/L

Sampling Point ID:	MW-19S	MW-20S	MW-21S				
Sampling Event	Sampling Date	CIS-1,2-DCE CONCENTRATION (µg/L)						
1	May-09							
2	Jul-12							
3	May-17	2000	205	160				
4	Nov-18	240	160	41				
5	Feb-19							
6	Jul-20	1300	33	10				
7	May-22	1400	50	6.1				
8	Sep-23	1030	51.2	0.26				
9	Sep-24	1230	14.1	1.9				
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20								
Coefficient of Variation:		0.48	0.91	1.70				
Mann-Kendall Statistic (S):		-3	-9	-13				
Confidence Factor:		64.0%	93.2%	99.2%				
Concentration Trend:		Stable	Prob. Decreasing	Decreasing				



Notes:

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